Godrei Industries Ltd.

Plot No. N-73, Additional Ambernath Industrial Area. Anand Nagar, Village - Jambivli, Ambernath (E), Dist. Thane - 421 506. India.

Tel.: +91-251-262 4000 Website: www.godrejinds.com

Date: 30th April 2024

To, The CCF, Regional Office, Western Region, Ministry of Environment, Forests & Climate Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001

Subject : Submission of Six-monthly Compliance Report for the period of October 2023

- March 2024.

Reference: Environmental Clearance granted by Ministry of Environment and Forest vide

letter No: J-11011/612/2010-IA II (I) Dated: 13th September 2012 and Amendment in environmental Clearance granted Dated: 11th December 2012.

#### Respected Sir,

We have been granted Environmental Clearance and Amendment in same for our Organic chemicals manufacturing unit at Plot No. N 73, Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra.

Our project is for Manufacturing Organic Chemicals with a total capacity of 87,800 MTPA. MPCB has permitted us manufacturing of organic chemicals with Glycerin 10,800 MTPA as product. Manufacturing activities started on site from October 2013.

In compliance to the conditions stipulated in Environmental Clearance we are submitting the Half Yearly Compliance Status Report for the period of October 2023 - March 2024 along with the desired information and documents needed for the submission as mentioned below:

1. Data sheet

2. EC Compliance report.

Post Monitoring Report (October 2023 - March 2024)

We hope the above is to your satisfaction.

Yours faithfully,

For Godrej Industries Ltd.

Mr. Surendra Chandrawat Head-EHS (GIL)

Encl: a/a CC to:

1. The Member Secretary, Maharashtra Pollution Control Board, 3rd Floor, Kalpataru Point, Sion, Mumbai-400 022.

2. Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara

#### MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

# MINISTRY OF ENVIRONMENT & FORESTS REGIONAL OFFICE (W), NAGPUR Monitoring Report PART - I DATA SHEET

1.	Project type: River- valley/Mining/Industry/ Thermal/ Nuclear/ Other (Specify)	Organic Chemical Manufacturing Industry
2.	Name of the Project	M/s. Godrej Industries Ltd.
3.	Clearance letter (s)/OM No. And Date	Environmental clearance granted vide Letter No. J – 11011/612/2010 – IA II (I) dated: 13th September 2012 & Amendment in Environmental Clearance granted dated: 11th December 2012.
4.	Location: a) District (s) b) State (s) c) Location d) Latitude/Longitude	Thane Maharashtra Ambernath, Thane 19° 11' 04.06" N 73° 14' 38.28" E
5.	Address for correspondence.  a) Address of the Concerned Project Chief Engineer (With Pin Code and telephone/telex/fax numbers)	Mr. R S Kumar Associate Vice President (Production) M/s. Godrej Industries Ltd. Plot No. N-73, Addnl. Ambernath, MIDC, Anand Nagar, Dist. Thane - 421506 Tel No. 0251 2624154 0251 2624000 E-mail ID - rs.kumar@godrejinds.com
6.	Salient features a) Of the project	Project pertains to commissioning of organic chemical manufacturing unit (84,500 MTPA in a notified industrial area)
	b) Of the Environmental management plans	Sr. Environmental O & M Cost Protection
	plans	No Measures Capital Recurring
	Copy to the same of the same o	1. ETP  Rs. 450 lacs  Rs. 50 lacs/annu m
		2. SWM NA Rs 20.0 lac /annum
	RIBERNATI	3. RWH Rs 20 lac Rs 2.0 lac/annum
7.	Breakup of the project area a) Submergence area forest and non-forest	Not Applicable as project Land is in a

#### GODREJ INDUSTRIES LTD., AMBERNATH

	b) Others	notified Industrial area, by MIDC. Not Applicable
8.	Breakup of the project affected population with enumeration of those losing house/dwelling units only agricultural land only. Both dwelling units and agricultural land and landless laborers/artisans: SC, ST/Adivas	Not Applicable Project Land is in a notified Industrial area, by MIDC.
9.	Financial details:  a) Project cost as originally planned and subsequent revised estimates and the year of price reference:	Rs. 355 Cr.
	b) Allocation made for environmental management plans with item wise and year wise break-up.:	ETP: Rs. 4.0 crore RWH: Rs. 0.2 crore
	c) Benefit cost ratio/Internal rate of return and the year of assessment:	Not Applicable
	d) Whether (c) includes the cost of environmental management as shown in the above	Not Applicable
	e) Actual expenditure incurred on the project so far.	Rs. 431.51 crores
New	f) Actual expenditure incurred on the environmental management plans so far	ETP: Rs 3.9 Crore RWH: Rainwater Harvesting working
10.	Forest land requirement:  a) The status of approval for diversion of forest land for non-forestry use	Not Applicable
	<ul><li>b) The status of cleaning felling</li><li>c) The status of compensatory afforestation, if any</li></ul>	Not Applicable Not Applicable
	d) Comments on the viability and sustainability of compensatory afforestation program in the light of actual field experience	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	Not Applicable
12.	Status of construction a) Year of commencement	2012

#### GODREJ INDUSTRIES LTD., AMBERNATH

	(Actual and/or planned) b) Year of completion (Actual and/or planned)	Dec 2013
13.	Reason for the delay of the project is yet to	Not Applicable
	start	Manufacturing activities started.
14.	Dates of site visits  (a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	Not Applicable
	(b) Date of site visit for this monitoring report	Please refer Post Monitoring Reports.
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits. (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.)	Environmental clearance granted vide Letter No. J – 11011/612/2010 – IA II (I) dated: 13 <sup>th</sup> September 2012 & Amendment in Environmental Clearance granted dated: 11 <sup>th</sup> December 2012.



Ref	EC No. J-11011/612/2010-IAII (I) dated 13th Sep 2012 & EC No. J-11011/612/2010-IA	
	II(I) Dt. 11 <sup>th</sup> December 2012.	
То	Godrej Industries Ltd. Additional MIDC, Ambernath.	
For	Manufacture of Products like Monocarboxylic Fatty Acids with quantity of 59,500 MT/A, Organic Surface-Active Agents (Surfactants), Detergents with 17,000 MT/A Glycerin with quantity 10,800 MT/A and Fatty Easters and Condensates with quantity of 500 MT/A.	
Status	Construction of Factory Buildings and Installation of Equipment is completed. Production activities started from October 2013.	

This Environmental Clearance was obtained for Organic Chemical Manufacturing unit with Capacity of 84,500 MTPA for production of Monocarboxylic Fatty Acids, Organic Surface-Active Agents (Surfactants), Detergents and its by product Glycerin.

Consent to Establish for establishing for the plant is taken. Consent to Operate has been granted for the plant.

Compliance to the conditions stipulated under Environmental Clearance granted by the Ministry of Environment & Forest, Government of India vide letter No. J-11011/612/2010-IAII (I) dated 13<sup>th</sup> Sep 2012. & Amendment in Environmental Clearance is granted on dated 11<sup>th</sup> December 2012.

A. Sp	A. Specific Conditions		
Sr. No.	Conditions	Compliance Status	
1. 1.20 2.01	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the ministry vide G.S.R. 608(E) dated 21st July 2010 and amended time to time shall be followed by the unit.	Yes, Agreed. Amendment in Consent to Operate with change in product under Product-Mix is received from MPCB. Vide no. Format 1.0, CAC/ UAN No. 0000112073/ CO, 2204000719 dated 12.04.2022 is attached as <b>Annexure – II.</b>	
	Bod and the level of FMA Signal Albanda and albanda alband	We are regularly monitoring every stack a site to maintain National Emission Standards at our unit. We are also conducting regular Ambient Air Quality Monitoring in and around our unit premises.	
	anada esperi elemente protecu el flad esperi la proteción de la maria esperial de la la la la maria de la la la maria esperial de la	Monitoring reports are attached for your reference as <b>Annexure – I.</b>	
ii.	Stack of adequate height shall be provided to the LSHS / Oil fired boiler as per CPCB / Maharashtra Pollution Control Board (MPCB) guidance to	We have provided automatic modulation control system by Thermax Limited, Pune. We have also provided LMV5 Burne Management System (BMS) for the Boiler.	

discharge waste gases into atmosphere to disperse gaseous emissions. As proposed, all the boilers shall be provided with automatic modulation control systems to ensure the right air to fuel ratio to reduce the emission. As proposed, boiler and thermic fluid heater shall be switched over to natural gas whenever gas supply is available.

Stack with adequate height has been provided as per MPCB norms.

Details of Boiler with stack height provided at site is as given below:

Sr. No.	Stack attached to	Stack Height
1.	HP Boiler	46 m
	(2 Nos. 1 as standby)	
2.	MP Boiler	
3.	LP Boiler	46 m
	(2 Nos.1 as standby)	

Reply to this specific condition is submitted to MoEF&CC. Acknowledgement copy of the same is enclosed as **Annexure - III.** 

Process stacks connected to sulphonator iii. in Alfa Olefin Sulphonate plant shall be provided with electrostatic precipitator and alkali scrubber to control SO2 emission below 50 mg/m³. scrubbing media shall be sent to Effluent Treatment Plant (ETP) for treatment. Efficiency scrubber of shall monitored regularly and maintained properly. At no time, the emission levels go beyond the prescribed standards. Scrubbers Vent shall be provided with online detection and alarm system to indicate higher than permissible value of controlled parameters.

Process stacks connected to sulphonator in Alfa Olefin Sulphonate plant are provided with electrostatic precipitator (ESP) and alkali scrubber to control  $SO_2$  emission below  $50 \text{ mg/m}^3$ . The efficiency of scrubber is monitored regularly and maintained properly. Technical details with diagram of ESP, Scrubber, treatment of scrubbing media is already submitted.

Reply to this specific condition is submitted to MoEF&CC. Acknowledgement copy of the same is enclosed as **Annexure - III.** 

iv. Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September 2009. The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC shall be monitored in the ambient air and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the result of monitored data on its website and shall update the same periodically. It shall

The levels of PM10, SO<sub>2</sub>, NOx, CO and VOC are monitored in the ambient air and displayed at the main gate of the company and at important public places along with its limiting standards as per Consent to Operate granted from Maharashtra Pollution Control Board. The photograph of Notice Board displayed on main gate of industry is already submitted.

Reply to this specific condition is submitted to MoEF&CC. Acknowledgement copy of the

simultaneously be sent to the Regional same is enclosed as Annexure - III. Office of MoEF, the respective Zonal office of CPCB and MPCB. We will upload monitoring data on www.godrejinds.com website regular basis. In plant control measures for checking GIL has taken utmost precaution in plant fugitive emissions from all design to ensure low fugitive emissions. the vulnerable sources shall be provided. Practices followed include: Fugitive emissions shall be controlled by Using Double mechanical seal pumps providing closed storage. closed hydrogen for and low volatile handling & conveyance of chemical / hydrocarbon service materials. Multi cyclone separator and Using single mechanical seal pumps for water sprinkling system. Dust all other service suppression systems including water Using the best preventive sprinkling systems shall be provided at breakdown maintenance through wellloading and unloading areas to control trained personnel. dust emissions. Fugitive emissions in the All the raw material and intermediates work zone environment, product, raw are in liquid form and charged through materials storage area etc. shall be the pipeline. regularly monitored. The emission shall GIL has installed SO2, PNG and confirm to the limits stipulated by the hydrogen gas detectors at respective MPCB. areas and tested as decided frequency. These are best practices for fugitive emissions as practiced in Industry. Recent test reports are attached for your reference as Annexure - I. For further control of fugitive emission, vi. are no underground There chemical following step shall be followed: storage tanks at the unit. A closed handling system shall be Reply to this specific condition is submitted provided for chemicals. to MoEF&CC. Acknowledgement copy of the Reflux condenser shall be provided same is enclosed as Annexure - III. for the over reactor. System of leak detection and repair of pump/pipeline based preventive maintenance. The acids shall be taken from storage tank to reactors through closed pipeline. The storage tank shall be vented through trap receiver and condenser operated on chilled water. Cathodic protection shall provided to underground solvent storage tanks.

	all a supposed as depending a larger	202 Mill of Page Ad Visionas and Page 1
vii.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic	acoustic enclosure is provided as per CPCE
	enclosure shall be provided to the DG set	
	to mitigate the noise pollution.	Photographs of D.G. sets are enclosed as <b>Annexure – IV.</b>
viii.	Solvent management shall be carried out as follows:	Not applicable as no Solvents are stored.
	1. The reactor shall be connected to	
	chilled brine condenser system.	
	2. Reactor and solvent handling	anately northern consult
	pump shall have mechanical seals	W perturbut ensurers mensurences
	to prevent leakages.	Observe and figure sensioner projectioning
	3. The condensers shall be provided	gas as babia gatanolise bas gathani
	with sufficient HTA and residence time so as to achieve more than	HERBERT TO AND THE PROPERTY OF THE PARTY OF
	95% recovery.	A SECURITY OF THE CONTROL OF THE SECURE
	4. Solvent shall be stored in a	
	separate space specified with all	
	safety measures.	382196
	5. Proper earthing shall be provided	
	in all electrical equipment	
	wherever solvent handling is done.	
	6. Entire plant shall be flame proof. The solvent storage tanks shall be	
	provided with breather valve to	
	prevent losses.	
ix.	Total freshwater requirement from MIDC	Yes, NOC from MIDC is obtained. Please
	water supply shall not exceed 990	refer <b>Annexure - V</b> .
	m <sup>3</sup> /day and prior permission shall be	The second of th
	obtained from the concerned Authority.	erry of Buds represent Kulling
	No ground water shall be used.	2001 con velva arili kek
x.	Total industrial effluent generation shall	Effluent generated from the unit is treated
	not exceed 460 m <sup>3</sup> /day. Industrial	in effluent treatment plant with capacity of
	effluent shall be treated in ETP	550 CMD. There was no discharge of any
	comprising primary, secondary and	treated effluent water outside the premises.
	tertiary treatment facility. Treated	We installed ZLD system at our site in
	effluent (100 m³/day) shall be	January 2017. After the ZLD installation $\&$
	recycled/reused within factory premises	operation, MPCB given amended consent
	and the remaining quantity shall be discharged to Common Effluent	with ZLD as enclosed in <b>Annexure - VI</b> .
	discharged to Common Effluent Treatment Plant (CETP) after meeting	Our treated offluent is footh as a second
		Our treated effluent is further treated in RO

		Le comphance status Repor
	the discharge standards prescribed b	y & MEE (Multi Effect Evaporator) Plant. Th
	the MPCB. Sewage shall be disposed	d recovered water from ZLD is used fo
	through septic tank followed by soak pit	cooling tower for makeup & boilers for
	in the second se	steam generation. The residual sludge from
	NO SECURE OF THE PROPERTY OF THE PARTY OF	MEE is sent as hazardous waste to landfill.
	SE SECURITIES SERVICE SECURITIES OF SECURITI	Effluent generation and RO permeate water
		generation data is attached as Annexure
	Marketin conviction as elderations to a de-	VII.
		Water balance showing ZLD enclosed as Annexure - VIII.
	in the bewellot site sources in Lieut care. The second sec	ETP Process flow diagram showing ZLD is enclosed as <b>Annexure IX</b> .
xi	storage talks shall be	Not Applicable as no Solvents are stored.
	connected with vent condensers with	discontinuity of the state of t
	chilled brine circulation.	tred stathers of he same at
	Case a series of the series of	25 TO MATERIAN WAY OF RESERVE OF AS
xii.	residue	Generated Hazardous waste from process,
	and spent carbon shall be sent to cement	ETP and MEE are disposed of or regulad as
	industries. ETP sludge shall be disposed	per Condition stipulated in Environmental
	of to the TSDF. Spent catalyst/resin shall	Clearance. Membership of disposal of
	be sent to authorized recycler/re-	Hazardous waste authority is enclosed for
	processor.	your ready reference. Please refer to
	and the second s	Annexure - X.
	for gest-leave generation.	Annual Hazardous Waste Return (Form IV)
	THE PROPERTY OF THE PROPERTY AND USE TO THE	submitted for year 2022-2023 enclosed as
-114	by Statist Adense State 200 Degley 10th 1	Annexure - XI.
xiii.	The company shall obtain Authorization	Authorization
	for collection, storage and disposal of	Authorization for storage & disposal of
	hazardous waste under the Hazardous	Hazardous wastes has been obtained from
	Waste (Management, Handling and	MPCB. Firefighting facilities are laid out &
	Trans-Boundary Movement) Rules, 2008	we are well prepared for any emergency.
	and amended as on date for management	Poply to this area 'C'
	of Hazardous Wastes and prior	Reply to this specific condition is submitted
	permission from MPCB shall be obtained	to MoEF&CC. Acknowledgement copy of the
	for disposal of solid / hazardous waste in	same is enclosed as Annexure - III.
	the TSDF. Measures shall be taken for	18 On 12 1
	fine fighting f	00/ 76/ 10/
	emergency.	* 421 SOS 151
	8	13 406 /.0/
	The company shall strictly comply with	V- MATH (E)
IV.		VOC The comment
civ.	AL -	Yes. The company is complying with the rules and guidance under the Manufacture,

shall be flame proof. The solvent storage	All Transportation of Hazardous Chemical are as per Motor Vehicle Act (MVA), 1989.  Not applicable as no Solvents are stored.
The company shall undertake following waste minimization measures: - a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw material or as raw material substitutes in other processes. c. Use automated filling to minimize spillage. d. Use of closed feed system into batch reactor. e. Venting equipment through vapor recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	Prescribed measures are followed at the most to minimize the waste as given below:  a. Metering and control of quantities of active ingredients to minimize waste.  b. Reuse of by-products from the process as raw material or as raw material substitutes in other processes.  c. Use automated filling to minimize spillage.  d. Use of closed feed system into batch reactor.  e. Venting equipment through vapor recovery system.  f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.  g. All the materials are charged through the pipelines and hence there is no spillage or waste.  All the waste materials can be reprocessed to make finish products.
All the recommendations made in the risk assessment report shall be satisfactorily implemented.	Yes. All the recommendations made in the risk assessment report are implemented.
The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire Fighting System shall be as per the norms.	Yes. Firefighting systems as per norms are installed to protect from possible fire hazards.  Fire NOC received from MIDC is enclosed as Annexure - XII.
	Entire plant where solvents are used shall be flame proof. The solvent storage tank shall be provided with breather valve to prevent losses.  The company shall undertake following waste minimization measures: - a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw material or as raw material substitutes in other processes. c. Use automated filling to minimize spillage. d. Use of closed feed system into batch reactor. e. Venting equipment through vapor recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.  All the recommendations made in the risk assessment report shall be satisfactorily implemented.  The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire Fighting System

workers shall be done on a	regular basis	workers is done as per the Factories Act.
and records maintained Factories Act.	•	Details of Occupation Health Centre provided at site & Latest medical checkup report of workers is enclosed as <b>Annexure</b> - XIII.
and statem has been a track to such the position of the such and the such that the suc	uhoma i <b>200</b> projecti i 200 polecti i 200 proveni i 200 proveni i 200	Health checkups are done for all the officers, workers and contractors on a yearly basis and form 7 is attached for reference.
		Note on OHC is already submitted to MoEF.
a company general and yelling to near their election as a fact (B. 202, p. 202).	nesidea din babbab di b litadi ant	Compliance with specific conditions submitted to MoEF through letter dated 22 <sup>nd</sup> October 2018. Ack. of the same is enclosed as <b>Annexure - XIV</b> .
xx. The Greenbelt shall be devacres out of total land Selection of plant species.		Green Belt is developed in 7 acres. Details of tree plantation with number of saplings, types of species and survival rate are already submitted to MoEF & photographs showing green belt developed around unit are already submitted.
and there, attached the rank of the	82-10-10-1 82-10-10-0 83-10-10-10-1	Compliance with specific conditions submitted to MoEF through letter dated $22^{nd}$ October 2018. Ack. of the same is enclosed as <b>Annexure - XIV.</b>
xxi. Provision shall be made for for the construction labour		Construction work is completed.
site with all necessary in and facilities such as fuel mobile toilets, mobile sewag plant, safe drinking water	frastructure for cooking, ge treatment	
health care, crèche etc. The l be in the form of a tempora to be removed after the co the project. All the construc	nousing may ry structure empletion of ction wastes	OB THOUSE THE STATE OF THE STAT
shall be managed so that impact on the surrounding e		TRWATH (E)
B. General Conditions:		
i. The Project authorities sl	hall strictly	Yes. The Project authorities are adhering to
adhere to the stipulations n		the stipulations made by the Maharashtra

	Maharashtra Pollution Control Board.	Pollution Control Board.
a trail	3 Affiel emberon is reducted	THE R. LEWIS CO., LANSING MICH.
11.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alteration in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess to adequacy of conditions imposed and to add additional environmental protection measures required, if any.	In case of any expansion or modification in plant takes place will be carried out with prior approval from Ministry of environment and forest. In case of amendment in Proposed project for Capacity of Plant or Change / Addition of Product will be carried out with prior approval and addition of Environmental protection measure.
	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient air quality monitoring stations are decided as per guidelines of State Pollution Control Board (SPCB) and we confirm that at least one station is installed in the upwind, downwind and crosswind direction as well as where maximum ground level concentrations are anticipated.  We already submitted wind rose for additional Ambernath area showing location of monitoring stations taken.  Compliance with specific conditions submitted to MoEF through letter dated 22nd October 2018. Ack. of the same is enclosed as <b>Annexure - XIV</b> .
iv.	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hood, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules1989 viz. 75dBA (daytime) and 70dBA (nighttime).	Above Condition is noted. The noise level within plant premises is observed within prescribed Standards.  Please refer post monitoring report, Control measures like Acoustic enclosure, hood, Silencers etc. are provided.

V	The company shall harvest Rainwater from the roof tops of the buildings and storm water drains to recharge to ground water and use the same water for the process activities of the project to conserve fresh water.	high. Recharge of groundwater is not feasible. However, rainwater is now being collected from 4 buildings roof top area
vi.	Training shall be imparted to all employees on the safety and health aspect of chemicals handling Preemployment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemical shall be imparted.	employees on the safety and health aspects of chemicals handling Pre-employment and routine periodical medical examinations for all employees are undertaken on a regular basis.  Training to all employees in handling chemicals is imparted.  Reply to this specific condition is submitted
	Service description of the service o	to MoEF&CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III.</b>
vii.	Uses of Personnel Protection Equipment (PPEs) by all employees/ workers shall be ensured.	Personnel Protection Equipment (PPEs) by all employees/ workers are ensured.
viii.	The company shall also comply with all environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendation made in the EIA/EMP in respect of environmental management, risk migration measures and public hearing relation to the project shall be implemented.	Being complied.
ix.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	The company has started following social activities.  Volunteering Initiatives:  (a) in improving health, sanitation, hygiene, and education of the local school children  (b) Scholarships distribution to economically challenged students.

500	Reservations wide tense become of the control of th	Compliance with specific conditions submitted to MoEF through letter dated 22nd October 2018. Ack. of the same is enclosed as <b>Annexure - XIV</b> .  CSR activities undertaken by the company for the financial year 2022-2023 is enclosed as <b>Annexure - XVI</b> .
X.	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment.	
xi.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Yes, we have established an Environmental Management Cell within the factory. Inhouse Lab has been set up at ETP. Organogram showing Environmental Management already submitted to MoEF.  GIL is ISO 9001:2015, ISO 14001:2015 and ISO 45001:2015 certified company. Certificates are already submitted to MoEF. Compliance with specific conditions submitted to MoEF through letter dated 22nd October 2018. Ack. of the same is enclosed as <b>Annexure – XIV</b> .
xii.	As proposed, the company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The fund so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	As per Condition stipulated by Ministry of environmental forest and State Government Capital Cost and Recurring cost for environmental Management Plan is made and submitted. Refer Annexure – XVII.  Reply to this specific condition is submitted to MoEF&CC. Acknowledgement copy of the same is enclosed as Annexure - III.
xiii.	A copy of clearance letter shall be sent by the project proponent to the concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local	Copy of environmental Clearance is already submitted to concerned authorities. Same is attached as <b>Annexure - XVIII</b> .

		20 compliance status Repor
	Body and the local NGO, if any, from	1 37 Description of Halfs appears are
	whom suggestions/ representations, in	f lo amo lessent services
	any, were received while processing the	
	proposal.	
	and the state of t	
xiv	The project proponent shall also submit	
	six monthly reports on the status of	J Cicaranc
		reports are enclosed
	- Stipulateu	post a copy of the
	- Conditions	environmental clearance with six monthly
	including results of monitored data	compliance status reports on the
	(both in hard copies as well as by e-mail)	company's website
	to the respective Regional Office of	
	MoEF, the respective Zonal Office of	
	CPCB and the Maharashtra Pollution	
	Control Board. A copy of Environmental	
	Clearance and six-monthly compliance	
	status reports shall be posted on the	
	website of the company.	
XV.	The environmental statement for each	A1
	financial year ending 31st March in form-	Above condition is noted. We regularly
	V as is mandated shall be a like to the	submit form - V as environmental
	V as is mandated shall be submitted to	statement in operational phase of plant.
	the concerned State Pollution Control	
	Board as prescribed under the	The Copy of latest Environmental
	Environment (Protection) Rules, 1986,	Statement submitted is enclosed as
	as amended subsequently, shall also be	Annexure - XIX.
	put on the website of the company along	
	with the status of compliance of	
	environmental clearance condition and	
	shall also be sent to the respective	
	Regional Office of MoEF by e-mail.	
vi.	The project proponent shall inform the	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	mulalia al	Yes, we had published Advertisement in
		two local newspapers and copy of same is
	accorded environmental clearance by	attached as Annexure - XX.
	the Ministry and copies of the clearance	
	letter are available with the SPCB/	
	Committee and may also be seen at	SEJ INDUS
	Website of the Ministry at	18/ DIS (8)
	http://envfor.nic.in. This shall be	(6) 76 S
	advertised within seven days from the	127 = 1-1
	date of issue of the clearance letter, at	18
		11.7.
	least in two local newspapers that are	WATH (E)
	least in two local newspapers that are	WATH EL
	least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language	RNATH (E)

	the same shall be forwarded to the concerned Regional Office of the Ministry.	CAS TO AND A TONE OF THE TRANSPORT OF THE CONTROL OF T
xvii.	The Project authorities shall inform the regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of project.	The project was commenced in year 2012 and completed in December 2013.

#### **List of Annexures**

Sr. No.	Annexure	Details
1.	Annexure – I	Post Monitoring Reports
2.	Annexure – II	Copy of Consent to Operate
3.	Annexure – III	Ack. Copy of compliance to specific conditions submitted to MoEF on Dated. 08.03.2022
4.	Annexure – IV	Photographs of DG sets
5.	Annexure – V	Water supply NOC from MIDC
6.	Annexure – VI	MPCB permission letter no. MPCB/ROK/Restart/B-138 dated09/02/2017
7.	Annexure – VII	Wastewater generation and zero discharge data
8.	Annexure - VIII	Water balance
9.	Annexure - IX	ETP Process flow diagram
10.	Annexure - X	TTCWMA Membership
11.	Annexure – XI	Annual Hazardous Waste Return (Form IV)
12.	Annexure - XII	Fire NOC
13.	Annexure - XIII	Latest Medical Certificates of workers
14.	Annexure - XIV	Ack. Copy of compliance to specific conditions submitted to MoEF through letter on 22.10.2018
15.	Annexure - XV	Photographs of Rainwater harvesting
16.	Annexure - XVI	CSR Activities undertaken by the company for the financial year 2021-2022
17.	Annexure - XVII	Environmental Management Plan
18.	Annexure - XVIII	Copy of Environment Clearance
19.	Annexure - XIX	Environmental Statement copy
20.	Annexure - XX	Newspaper Advertisement



Testing Laboratory is certified by **ISO 9001:2015**&**ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN**: U74999MH2001PTC132101 UDYAM-MH-19-0029787



## <u>Test Report</u> (Ambient Air)

	W. ALSI L/LAD/C/ A-23							1004	c Duter 1	1/	10/2023	
	Customer & Contact	:	Godrej I									
Details			Pirojsha	ına	gar, l	Eastern	Expr	ress Highway	y Vikroli	(E)	), Mumbai 400109.	
			Mr. Abh	ijit	Kana	ase ②77	7108	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com	
Name of	Site	:	Godrej l	nd	ustri	es Ltd. A	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ie & Group	:	Chemica	al: A	Atmo	spheric	Poll	ution				
Descript	ion of Sample	:	Ambien	t A	ir							
Location	of Sampling	:	Near Ma	ain	Gate	!						
Date of S	ampling	:	03/10/2	202	23 to	04/10/	2023	3				
Sampling	g Time	:	11:40 to	11:40 to 11:40 hr. <b>Duration</b> : 24 Hr.						24 Hr.		
Sample I	Orawn By	:	AESPL				Tra	nsported By	7	:	AESPL	
Date of S	ample Receipt	:	05/10/2								A-23/10/02	
Sample (	Quantity & Container	:		ottl	e; N(	Ox:1 Bot	tle; I	PM <sub>10</sub> -1;PM2.	5-1;Blad	deı	r:1,Charcoal tube-1	
	ample Analysis	:	05/10/2	202								
	g Environmental Condi	<u>tio</u>	ns	:	Ter	nperatu					<sub>ar</sub> : 754 mmHg.	
Transpo	rtation Condition			:		tles <		lter papers i			ers, charcoal tube	
					5°C			astic contair	ner at a	ıml	pient temp.	
Sampling	g Equipment			:	RD	S-I-02 &	FDS	S-I-02				
Calibrati	on Status			:	Cal	ibration	on 3	31/12/2022	due on 3	80/	12/2023	
	Job number			:	PO	#25270	1041	19 DT. 10.05.	.2023			
	ce of Sampling			:	AES	SPL/LAI	B/QF	'QR/7.3.3/R-02				
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01								
Environi	mental Condition while	Te		:		nperatu	re:	27°C, RH: 46	5%			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		26.0	63		80 3		μg/m³		_	art 2) RA2017	
2.	Nitrogen dioxide as NO	2	45.0			80 3		μg/m³		_	art 6) RA2022	
3.	PM <sub>10</sub>		75.7			100		μg/m³			art 23) RA2022	
4.	PM <sub>2.5</sub>		28.3			60 3		μg/m³			art 24) 2019	
5.	Carbon monoxide as Co	)	0.9			04*		mg/m <sup>3</sup>		_	art 10) RA2019	
6.	Ozone as O <sub>3</sub>		18.9			180 3		μg/m³			art 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		33.8			400		μg/m³			art 25) RA 2018	
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³		_	art 12) 2004	
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed	
10.	Nickel as Ni		< 5			20 **		ng/m³			method 822-3 <sup>rd</sup> Ed	
11.	Arsenic as As		< 5			10 *>		ng/m³			method 302-3 <sup>rd</sup> Ed	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	k*	μg/m³	IS 5182	2 (p	art 11) RA2022	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2010.

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Anjan Pramanik (Authorized Signatory)



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Tel:9112844844, **CIN**: U74999MH2001PTC132101 UDYAM-MH-19-0029787



## Test Report (Ambient Air)

	No AESI E/ LAD/ C/ A-23							1004	c Duter 1	1/	10/2023
	Customer & Contact	:	Godrej I								
Details			Pirojsha	ana	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400109.
			Mr. Abh	ijit	Kana	ase ⊘77	7108	2586 ⊠:abh	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej I	Ind	ustri	es Ltd. A	Amb	ernath Plant	Dist-Tha	ine	
Disciplin	ie & Group	:	Chemica	al: 1	Atmo	spheric	Poll	ution			
	ion of Sample	:	Ambien								
	of Sampling	:	Near ET	'P							
	ampling	:	03/10/2	202	23 to	04/10/	<sup>'</sup> 2023	3			
Sampling	g Time	:	11:20 to	11:20 to 11:20 hr. <b>Duration</b> : 24 Hr.						24 Hr.	
Sample I	Drawn By	:	AESPL				Tra	nsported By	7	:	AESPL
Date of S	ample Receipt	:	05/10/2	202	23		Sam	ıple Identifi	cation	:	A-23/10/03
Sample (	Quantity & Container	:							5-1;Blad	deı	r:1,Charcoal tube-1
	Sample Analysis	:	05/10/2	202	23 to	12/10/	202	3			
Sampling	<u>g Environmental Condi</u>	tio	ns	:					fall: No;	$P_{ba}$	<sub>ar</sub> : 754 mmHg.
Transpo	rtation Condition			:	Bot	tles <	Fi	lter papers i	n Bla	dd	ers, charcoal tube
					5°C	5°C plastic container at ambient temp.					oient temp.
Sampling	g Equipment			:	RD	S-I-05 &	FDS	S-I-05			
Calibrati	on Status			:	Cal	ibration	on 3	31/12/2022	due on 3	80/	12/2023
	Job number			:	PO	#25270	1041	19 DT. 10.05.	.2023		
	ce of Sampling			:	AES	SPL/LA	B/QF	R/7.3.3/R-02			
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01							
Environi	mental Condition while	Te		:		nperatu	ıre:	27°C, RH: 46	5%		
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		29.			80 3		μg/m³		_	Part 2) RA2017
2.	Nitrogen dioxide as NO	2	39.2			80 ;		μg/m³		_	Part 6) RA2022
3.	PM <sub>10</sub>		79.9			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		26.2			60 3		μg/m³			art 24) 2019
5.	Carbon monoxide as Co	)	0.9			04 *		mg/m <sup>3</sup>		_	art 10) RA2019
6.	Ozone as O <sub>3</sub>		22.0			180		μg/m³			art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		36.1			400		μg/m³			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³		_	oart 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd
10.	Nickel as Ni		< 5			20 **		ng/m³			method 822-3rdEd
11.	Arsenic as As		< 5			10 **		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	**	μg/m³	IS 5182	? (p	oart 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2010.

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Tel:9112844844, **CIN**: U74999MH2001PTC132101 UDYAM-MH-19-0029787



## Test Report (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-23/10/04 **Issue Date**: 14/10/2023

	W. ALSI L/LAD/C/ A-23							1004	c Duter 1	1/	10/2023
	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400109.
			Mr. Abh	ijit	Kana	ase 🕜 77	7108	2586 ⊠:abh	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej l	nd	ustri	es Ltd. A	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ie & Group	:	Chemica	al: A	Atmo	spheric	Poll	ution			
Descript	ion of Sample	:	Ambien	t A	ir						
Location	of Sampling	:	Near Ma	ate	rial G	ate					
Date of S	ampling	:	03/10/2	202	23 to	04/10/	2023	3			
Sampling	g Time	:	11:00 to	11:00 to 11:00 hr. <b>Duration</b> : 24 Hr.						24 Hr.	
Sample I	Orawn By	:	AESPL					nsported By			AESPL
Date of S	ample Receipt	:	05/10/2								A-23/10/04
Sample (	Quantity & Container	:		ottl	e; N(	Ox:1 Bot	ttle; l	PM <sub>10</sub> -1;PM2.	5-1;Blad	deı	r:1,Charcoal tube-1
	ample Analysis	:	05/10/2	202							
	g Environmental Condi	<u>tio</u>	ns	:	Ter	nperatu					<sub>ar</sub> : 754 mmHg.
Transpo	rtation Condition			:		tles <		lter papers i			ers, charcoal tube
						5°C plastic container at ambient temp.					pient temp.
Sampling	g Equipment			:	RD	S-I-07 &	FDS	S-I-03			
Calibrati	on Status			:	Cal	ibration	on 3	31/12/2022	due on 3	80/	12/2023
	Job number			:	PO	#25270	1041	19 DT. 10.05.	.2023		
	ce of Sampling			:	, , , , ,						
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01							
	mental Condition while	Te		:				27°C, RH: 46			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		35.			80 3		μg/m³		_	Part 2) RA2017
2.	Nitrogen dioxide as NO	2	48			80 ;		μg/m³		_	Part 6) RA2022
3.	PM <sub>10</sub>		69.0			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		22.9			60 '		μg/m³			Part 24) 2019
5.	Carbon monoxide as Co	)	0.8			04 *		mg/m <sup>3</sup>		_	art 10) RA2019
6.	Ozone as O <sub>3</sub>		24.8			180		μg/m³			art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		38.1			400		μg/m³			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³		_	art 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni		< 5			20 **		ng/m³			method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As		< 5			10 **		ng/m³			method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	**	μg/m³	IS 5182	2 (p	oart 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2010.

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Tel:9112844844, **CIN**: U74999MH2001PTC132101 UDYAM-MH-19-0029787



## Test Report (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-23/10/05 **Issue Date**: 14/10/2023

	No AESI E/ LAD/ C/ A-23							1004	c Duter 1	/	10/2023
	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400109.
			Mr. Abh	ijit	Kana	ase ⊘77	7108	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej l	nd	ustri	es Ltd. A	Amb	ernath Plant	Dist-Tha	ne	
Disciplin	ie & Group	:	Chemica	al: A	Atmo	spheric	Poll	ution			
Descript	ion of Sample	:	Ambien	t A	ir						
Location	of Sampling		Near AC	)S I	Plant						
Date of S	ampling	:	03/10/2	202	23 to	04/10/	2023	3			
Sampling	g Time	:	12:00 to	12:00 to 12:00 hr. <b>Duration</b> : 24 Hr.						24 Hr.	
Sample I	Orawn By	:	AESPL					nsported By			AESPL
Date of S	ample Receipt	:	05/10/2								A-23/10/05
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	Ox:1 Bot	ttle; l	PM <sub>10</sub> -1;PM2.	5-1;Blad	dei	r:1,Charcoal tube-1
	ample Analysis	:	05/10/2	202							
	g Environmental Condi	<u>tio</u>	ns	:	Ter	nperatu					<sub>ar</sub> : 754 mmHg.
Transpo	rtation Condition			:		tles <		lter papers i			ers, charcoal tube
						5°C plastic container at ambient temp.					pient temp.
Sampling	g Equipment			:	RD	S-I-07 &	FDS	S-I-03			
Calibrati	on Status			:	Cal	ibration	on 3	31/12/2022	due on 3	0/	12/2023
	Job number			:	PO	#25270	1041	<u> 19 DT. 10.05.</u>	.2023		
	ce of Sampling			:	AES	ESPL/LAB/QR/7.3.3/R-02					
	of Sampling & Preserva										
	mental Condition while	Te		:				27°C, RH: 46			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		28.0			80 3		μg/m³		_	art 2) RA2017
2.	Nitrogen dioxide as NO	2	40.4			80 ;		μg/m³			art 6) RA2022
3.	PM <sub>10</sub>		73.3			100		μg/m³			art 23) RA2022
4.	PM <sub>2.5</sub>		25.4			60 '		μg/m³			art 24) 2019
5.	Carbon monoxide as Co	)	0.8			04 *		mg/m <sup>3</sup>		_	art 10) RA2019
6.	Ozone as O <sub>3</sub>		15.0			180		μg/m³			art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		31.2			400		μg/m³			art 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³		_	art 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni		< 5			20 **		ng/m³			method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As		< 5			10 **		ng/m³			method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	**	μg/m³	IS 5182	? (p	art 11) RA2022

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Anjan Pramanik (Authorized Signatory)

## oes

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-708

#### Test Report (Illumination)

**Ref. No.:** AESPL/LAB/C/L-23/10/01 **Issue Date:** 09/10/2023

Name of Customer &	:	Godrej Industr	ies Ltd						
<b>Contact Details</b>		Pirojshanagar,	Eastern Exp	ress Highway Vi	ikroli	i East, Mumbai 400079 Mr.			
		Abhijit Kanase	. 770982586	Email:abhijit.ka	nase	@godrejinds.com			
Name of Site	:	Godrej Industr	ies Ltd Ambe	ernath Plant Dis	t-Tha	ane			
<b>Monitoring Details</b>	:	Daytime & Nig	Daytime & Nighttime						
<b>Location Details</b>	:	At the Periphe	ry of Site						
Date of Sampling	:	03/10/2023	Period of S	ampling	:	45 min			
Start & End Time of	:	11.20 pm -	Start & End	d Time of	:	07.15 pm-08.20pm			
Sampling (Daytime)		12.25pm	Sampling (	(Nighttime)					
Monitored By	:	AESPL	Transport	ed By	:	AESPL			
Date of Data Receipt	:	05/10/2023	Sample Ide	entification	:	L-23/10/01			
Environmental	:	Climate: Clear		Ambient Ter	<b>mp</b> : 29°C-31°C				
Transportation	:	Illumination D	ata sheet is	kept in folder a	and s	safely transported to laboratory			
Condition		along with Lux	meter.						
Sampling Equipment	:	Testo Lux-540	L-I-01						
Calibration Status	:	Calibrated on 1	18/08/2023;	calibration due	on 1	7/08/2024			
Project/ Job Number	:	2527006419 d	ltd 09 May 20	)23					
Reference of Sampling	:	AESPL/LAB/Q	R/7.3.3/R-02	2					
Method of Sampling	:	IS 3646: RA20	18						

Sr.	Location	Location Categories as per MFR - Rule No. 35 based	Lux	Level	Recommended Illumination as per MFR - Rule No. 35 - Std. of Lighting in factories	
No.	<u> </u>	on Schedule 'A'/'B'	Day time	Night time		
1.	Main Gate to Powerhouse Road	Road area (Main entrance)	>4000	34	20	
2.	Material Gate Road	Road area (Exit Road or backside entrance)	>4000	110	20	
3.	FSP Plant Gr. Floor	Plant area (platforms of outdoor plants)	190	94	50	
4.	FSP First Floor	Plant area (platforms of outdoor plants)	142	90	50	
5.	SFA Tank Farm	Tank farm (Stock Yard)	>4000	29	20	
6.	FADP Plant Gr. Floor	Plant area (platforms of outdoor plants)	257	82	50	
7.	FADP First Floor	Plant area (platforms of outdoor plants)	218	75	50	
8.	FADP South Tank Farm	Tank farm (Stock Yard)	>4000	75	20	
9.	FADP North Tank Farm	Tank farm (Stock Yard)	>4000	130	20	
10.	HYD Gr. Floor	Plant area (platforms of outdoor plants)	148	70	50	
11.	HYD First Floor	Plant area (platforms of outdoor plants)	100	59	50	
12.	HYD Tank Farm	Tank farm (Stock Yard)	>4000	52	20	



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

					TC-7085
13.	AOS Ground Floor	Plant area (platforms of outdoor plants)	136	56	50
14.	SPD Ground Floor	Plant area (platforms of outdoor plants)	138	80	50
15.	SPD First Floor	Plant area (platforms of outdoor plants)	136	75	50
16.	AOS Tank Farm	Tank farm (Stock Yard)	>4000	40	20
17.	Boiler house	Boiler Area	192	108	100
18.	R&D Laboratory	Laboratory (inspection and testing of products)	218	Closed	200
19.	QC Laboratory	Laboratory (inspection and testing of products)	175	250	200
20.	Raw Material Stores tank farm	Tank farm (Stock Yard)	>4000	60	20
21.	Flaker & Packing Building	Packing Area	192	112	100
22.	ETP Area	Plant area (platforms of outdoor plants)	>4000	80	20
23.	Fire water Pump house	Plant area (platforms of outdoor plants)	170	103	50
24.	FP Store	Warehouse	242	55	50
25.	Canteen	Canteen area	230	210	200
26.	Receiving Substation	Substation (slight disc- crimination essential)	130	104	100
27.	Main Substation	Substation (slight disc- crimination essential)	242	160	100

**Conformity Statement**: Lux Levels at all the locations are found to be acceptable as per the recommended range.

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.





Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

#### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-23/10/02 **Issue Date:** 09/10/2023

	of Customer &	_					, ,
	ct Details	•	Pirojshanagar, Easter	n Evnroce	Highway Vilrali	. C.	est Mumbai 400070
Conta	ict Details						
Marra	of Cito	_	Mr. Abhijit Kanase. 77				
	of Site	:	Godrej Industries Ltd			ane	
	oline & Group	:	Chemical: Atmospheri	ic Pollutio	n		
	ription of Sample	:	Ambient Noise				
	ion Details	:	Inside factory			1	
	of Sampling	:	03/10/2023		of Sampling	:	Spot
	& End Time of	:	11.20 Hr 12.30Hr.		End Time of	:	19.15 Hr20.25Hr.
	ling (Daytime)				g (Nighttime)		
	tored By	:	AESPL	Transpo		:	AESPL
Date o	of Data Receipt	:	05/10/2023	Sample	Identification	:	N-23/10/02
Envir	onmental Condition	:	Climate:Semi Cloudy		<b>Ambient Ten</b>	np:	27°C to 33°C
Trans	sportation	:	Noise Data sheet is ke	ept in fold	ler and safely tr	an	sported to laboratory
Condi	ition		along with Noise meter	er.			
Samp	ling Equipment	:	Noise meter - Centre (	C-390 SL-I	-02		
Calib	ration Status	:	Calibrated on 14/11/2	2022; calil	oration due on 1	3/	11/2023
Proje	ct/ Job Number	:	PO#2527006419 DT.	09.05.202	3		
Dofor	ence of Sampling	:	AESPL/LAB/QR/7.3.3	/R_02			
Kelei	chee of Jamping		ניני ז אוט למנום לם ופחנו	/ IX-UZ			
	od of Sampling	:	IS 9989 RA:2020	/ IX-02			
	od of Sampling	:	, , , ,		oise Day Time		Noise Nighttime
Metho	od of Sampling	:	IS 9989 RA:2020		oise Day Time dB(A)		Noise Nighttime dB(A)
Metho Sr. No.	od of Sampling	:	IS 9989 RA:2020				
Metho Sr. No. 1. 2.	od of Sampling L	:	IS 9989 RA:2020		dB(A)		dB(A)
Metho Sr. No.	od of Sampling L Near ETP	:	IS 9989 RA:2020		<b>dB(A)</b> 62.3		<b>dB(A)</b> 60.0
Metho Sr. No. 1. 2. 3. 4.	od of Sampling L Near ETP FAD Plant	: oca	IS 9989 RA:2020 ation		<b>dB(A)</b> 62.3 65.8		<b>dB(A)</b> 60.0 61.4
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4		dB(A) 60.0 61.4 59.3 69.8 62.5
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0
Methors   Sr. No.   1.   2.   3.   4.   5.   6.   7.   8.   9.   10.   11.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2 61.8		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1 58.5
Methors   Sr.   No.   1.   2.   3.   4.   5.   6.   7.   8.   9.   10.   11.   12.   13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2 61.8 67.3		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1 58.5 62.3
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2 61.8 67.3 64.8		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1 58.5 62.3 61.1
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate Flaker's section	: oca	IS 9989 RA:2020 ation		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2 61.8 67.3 64.8		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1 58.5 62.3 61.1 65.3
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	Pla	IS 9989 RA:2020 ation  nt		dB(A) 62.3 65.8 62.8 74.2 68.4 56.3 61.4 65.9 63.8 66.3 59.2 61.8 67.3 64.8		dB(A) 60.0 61.4 59.3 69.8 62.5 53.8 57.3 61.2 60.0 62.0 57.1 58.5 62.3 61.1

**Conformity Statement**: Noise Levels at all the locations are found to be below the stipulated limits. **Note:** 

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- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



Anjan Pramanik. (Authorized Signatory)

## a e s

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-23/10/03 **Issue Date:** 09/10/2023.

Name o	f Customer & Contact	:	Godrej Industries Ltd								
Details			Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079								
			Mr. Abhijit Kanase. 770982586Email: abhijit.kanase@godrejinds.com								
Name o	f Site	: Godrej Industries Ltd Ambernath Plant Dist-Thane									
Discipli	ine & Group		Chemical: Atm	nospheric	Pollution						
Descrip	otion of Sample	:	DG Noise								
Locatio	n Details	:	DG-1500KVA								
Date of	Sampling	:	03/10/2023	Per	iod of Sam	pling	:	DG Spot			
Start Ti	me of Sampling	:	12:45Hr.	Enc	l Time of S	ampling	:	12.55Hr			
Monitor	red By	:	AESPL	Tra	nsported l	Ву	:	AESPL			
Date of	Data Receipt	:	05/10/2023	San	nple Identi	ification	:	N-23/10/03			
Environ	nmental Condition	:	Climate: Clear	r	Ambien	nt Temp: 32°C					
Transp	ortation Condition	:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.								
		Noise meter - Centre C-390 SL-I-02									
Samplin	ng Equipment	:	Noise meter -	Centre C-		2					
	ng Equipment tion Status	:	Noise meter - Calibrated on		390 SL-I-02		n 13/	11/2023			
Calibra		:		14/11/20	390 SL-I-02 )22; calibra		n 13/	11/2023			
Calibrat Project	tion Status	:	Calibrated on	14/11/20 419 DT. 09	390 SL-I-02 022; calibra 9.05.2023		n 13/	11/2023			
Calibrat Project Referen	tion Status / Job Number	_	Calibrated on PO#25270064	14/11/20 419 DT. 09 QR/7.3.3/1	390 SL-I-02 022; calibra 9.05.2023		n 13/	11/2023			
Calibrat Project Referen	tion Status / Job Number nce of Sampling	_	Calibrated on PO#25270064 AESPL/LAB/(	14/11/20 419 DT. 09 QR/7.3.3/1 017	390 SL-I-02 022; calibra 9.05.2023	tion due or					
Calibrate Project Referent Method	tion Status / Job Number nce of Sampling	_	Calibrated on PO#25270064 AESPL/LAB/O IS 4758 RA:20	14/11/20 419 DT. 09 QR/7.3.3/1 017 <b>S</b> 6	390 SL-I-02 022; calibra 9.05.2023 R-02	tion due or	dB(A	A)			
Calibrat Project Referen Method Sr	tion Status / Job Number nce of Sampling l of Sampling	_	Calibrated on PO#25270064 AESPL/LAB/O IS 4758 RA:20	14/11/20 419 DT. 09 QR/7.3.3/1 017 <b>S</b> 6	390 SL-I-02 022; calibra 9.05.2023 R-02 ound Pres	tion due or		A)			
Calibrat Project Referen Method Sr	tion Status / Job Number nce of Sampling of Sampling Location	_	Calibrated on PO#25270064 AESPL/LAB/C IS 4758 RA:20 Readings	14/11/20 419 DT. 09 QR/7.3.3/1 017 Sefrom 0.5	390 SL-I-02 022; calibra 9.05.2023 R-02 ound Pres m away fi	sure Level	dB(A	A) rg. Difference			

#### Limits:

Insertion loss of 25dBA as per consent

**Conformity Statement**: The monitoring undertaken indicates that DG Noise Quality value for insertion loss is within consent limit.

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. DG set Sound Pressure Level measured at 0.5m from the enclosure.
- 4. Any query related to this report will be entertained within 15 days of the report issue date only.
- 5. Decision Rule is applied.



Anjan Pramanik. (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7105

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/10/01	Issue Date: 12/10/2023						
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
			Pirojshanagar, Eastern Express Highway Vikroli				
			(E), Mumbai – 400109. Mr. Abhijit Kanase				
		<b>⊘77098</b>	25	86 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej I	ndı	ıstries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:			tmospheric Pollution			
Description of sample	:	Stack En	niss	sion			
Sample Identification number	:	ST- 23/1					
Sample Quantity	:	SO <sub>2</sub> :1Bo	ttle	; NOx:1 Bottle; Thimble-1.			
Date & Time of sampling	:	03/10/2	202	3, 14:30-15:10 hr.			
Sampling Environmental Conditions	:	Temp.:3	0°C	; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <	: 5°	Thimbles in Bladders at			
				plastic container   ambient temp.			
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	05/10/2					
Date of sample analysis	:		202	3 to 09/10/2023			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	25/05/2	202	3 to 25/05/2024			
Project/ Job number	:	PO#2527010419 DT. 09.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	AESPL/I	LAE	3/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	÷	Temperature: 29°C					
A. General Information About Stack:							
Stack Connected to			:	Boiler LP 15928 & 15926			
Emission due to			:	Combustion of Briquette at LP-15928			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:				46			
Height of stack from ground level (m)	1		:	46			
Height of sampling point from ground level (m	J		:	30			
Diameter of Stack at sampling point (m)			:	1.2			
Area of stack (m²)  C. Analysis/ Characteristic of Stack:			Ŀ	1.131			
Fuel used				Solid Briquette			
Fuel consumption (Ton/hr.)				6			
Details of pollution control devices attached w	ith	the		Scrubber, Stack			
stack:	1111	LIIC	•	Jei abbei, Jiack			
out on the state of the state o							



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7105

## Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/01 **Issue Date:** 12/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	121		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	4.50		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	13411		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	56.29	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	25.12		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	8.08	260	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	60.54		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 4. Decision Rule is applied.





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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



## Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/10/02		<b>Issue Date:</b> 16/10/2023					
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
		Pirojshanagar, Eastern Express Highway Vikro					
		(E), Mumbai – 400119.					
				anase;			
N. COL	+			ase@godrejinds.com			
Name of Site	:	Godrej Ind					
Dissipling & Crown	+-			lant Dist-Thane mospheric Pollution			
Discipline & Group  Description of sample	:	Stack Emis		_			
-	ŀ						
Sample Identification number	+:	ST- 23/10	_				
Sample Quantity	:			NOx:1 Bottle.			
Date & Time of sampling	:			12:00-12:50 hr.	10 11		
Sampling Environmental Conditions	+:			Rain fall: No; P <sub>bar</sub> : 75			
Transportation Condition		Bottles 5°C	<	111111111111111111111111111111111111111	Bladders at ambient temp.		
Sample Monitored & Transported by	+.	AESPL		plastic container	ambient temp.		
Date of sample receipt	+	10/10/20	23				
Date of sample analysis	:			to 14/10/2023			
Sampling Equipment Used	+:	ST-I-02	23	10 11/10/2025			
Calibration status	Ė		23	to 25/05/2024			
Project/ Job number	÷	25/05/2023 to 25/05/2024 P0#2527011419 DT. 11.05.2023					
Reference of sampling	:			QR/7.3.3/R-02			
Method of sampling & preservation	Ė			SOP/7.3.1/ST-01			
Environmental Condition while Testing	÷		erature: 27°C; RH-40%				
A. General Information About Stack:	•	Temperati	urc	. 27 C, Kill 1070			
Stack Connected to			A	OS Scrubber-process	s stack		
Emission due to				rocess Activity			
Material of construction of stack		:	M				
Shape of stack		:	Ci	rcular			
Whether stack is provided with permanent platf	orm	:	Ye	es			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)		:	30	)			
Height of sampling point from ground level (m)							
Diameter of Stack at sampling point (m)		:	0.				
Area of stack (m²)		:	0.	283			
C. Analysis/ Characteristic of Stack:							
Fuel consumption		:					
Fuel consumption  Details of pollution control devices attached with	h +h	e stack: :		crubber + ESP			
Details of pollution control devices attached with	u ul	t stack:   :	30	ւլ ԱՌՈԲԼ 🛨 ԸՆԻ			



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Issue Date: 20/10/2023

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-23/10/02

IVCI.	Ref. No.: AESI E/EAD/C/SI-25/10/02											
D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits		_							
1.	Gas Temperature	32		°C	IS-11255, (part- 1) 2019							
2.	Gas velocity	2.66		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	2830		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022							
7.	Acid mist	10.58	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.





Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132111 UDYAM-MH-19-0029787

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/10/02 **Issue Date:** 16/10/2023

	ALSI L/LAD/C/ 31-23/10/			135ue Date. 10/10/2023					
Name of	f Customer & Contact Detai	ls	:	, , , , ,					
				Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit					
				Kanase. ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of	f Site		:	Godrej Industr	ies l	td. Anـ	nbernath Plant Dist-Thane		
Discipli	ne & Group		:	Chemical: Atm	ospl	neric P	ollution		
	tion of sample		:	Stack Emission	1				
	Identification number		:	ST- 23/10/02					
Sample	Quantity		:	SO <sub>3</sub> :1Bottle; SO	$0_2:11$	Bottle.			
Date & 7	Time of sampling		:	09/10/2023, 1	12:0	0-12:5	0 hr.		
Samplin	g Environmental Condition	ns	:	Temp.:32°C; R	ain f	all: No	; P <sub>bar</sub> : 753 mmHg.		
Transpo	ortation Condition			Bottles <5°C					
Sample	Monitored & Transported	by		AESPL					
	sample receipt		:	10/10/2023					
	sample analysis			11/10/2023 to	o 14	/10/20	023		
	g Equipment used & Calibi	ration					5/05/2023 to 25/05/2024		
	Job number		:	PO#25270114					
	ce of sampling		:						
	of sampling & preservation	n	:						
	mental Condition while Te		:	Temperature: 27°C; RH-40%					
	ral Information About Stac					-			
Stack Co	nnected to			: AOS Scrubber-process stack			S Scrubber-process stack		
Emission	n due to				: Process Activity				
Material	of construction of stack					: MS	-		
Shape of	stack					: Cire	cular		
Whether	stack is provided with perm	nanent pla	atf						
	cal Characteristics of Stack								
Height o	f stack from ground level (m	)				: 30			
	f sampling point from ground		1)			:			
	r of Stack at sampling point (		i			: 0.6			
	stack (m²)					: 0.2	83		
	sis/ Characteristic of Stack	<b>(:</b>							
	d & Consumption					:			
Details o	of pollution control devices at	ttached w	itl	h the stack:		: Scr	ubber + ESP		
	t of Sampling & Analysis of								
	Parameter	Result		MPCB. Limits	J	Jnit	Method of analysis		
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	T				IS-11255, (part-2) 2019		
	Sulphur Dioxide (as SO <sub>2</sub> )	3.40		50		pm	IS-11255, (part-2) 2019		
	l i i l C C ii Ci						: 1:		

**ND=Not detected. Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/10/02		Issue Date: 12/10/2023					
Name of Customer & Contact Details	:	,	drej Industries Ltd.				
			Pirojshanagar, Eastern Express Highway Vikroli				
		(E), Mumbai – 400109. Mr. Abhijit Kanase					
	-	ł		586 ⊠ <u>abhijit.kanase@g</u>			
Name of Site	:	Godrej I Thane	Ind	lustries Ltd. Ambernath	ı Plant Dist-		
Discipline & Group	:	Chemic	al:	Atmospheric Pollution			
Description of sample	:	Stack E	mis	ssion			
Sample Identification number	:	ST- 23/	10	/02			
Sample Quantity	:	SO <sub>2</sub> :1Bc	ottl	e; NOx:1 Bottle; Thimb	le-1.		
Date & Time of sampling	:	03/10/	20	23, 13:10-13:34 hr.			
Sampling Environmental Conditions	:	Temp.:2	29°	C; Rain fall: No; P <sub>bar</sub> : 75	54 mmHg.		
Transportation Condition	:	Bottles	<	Thimbles in	Bladders at		
		5°C		plastic container	ambient temp.		
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	05/10/	20	23			
Date of sample analysis	:			23 to 09/10/2023			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	25/05/2023 to 25/05/2024					
Project/ Job number	:	PO#252	270	7010419 DT. 09.05.2023			
Reference of sampling	:	AESPL/	'LA	AB/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/	PL/LAB/SOP/7.3.1/ST-01				
Environmental Condition while Testing	:	Temper	Геmperature: 29°С				
A. General Information About Stack:							
Stack Connected to			:	DG, 1500KVA			
Emission due to			:	Combustion of Diesel			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent platf	orm	1	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	30			
Height of sampling point from ground level (m)				15			
Diameter of Stack at sampling point (m)			:	0.5			
Area of stack (m²)			:	0.196			
C. Analysis/ Characteristic of Stack: Fuel used				Diagol			
			:	Diesel 90			
Fuel consumption (liter/hr.)  Details of pollution control devices attached with	h th	o stack	:	Stack			
Details of pollution control devices attached with the stack:				SIALK			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### Test Report (Stack Emission)

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	139		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	6.94		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	3446		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	46.00	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	30.14		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	2.49	126	Kg/day	IS-11255, (part-2) 2019						
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	53.69		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.





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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787

## Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/10/02		Issue Date: 12/10/2023							
Name of Customer & Contact Details	:	Godrej Industries Ltd.							
		Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai –							
		400109. Mr. Abhijit Kanase @770982586							
		□ <u>abhijit.kanase@godrejinds.com</u>							
Name of site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane							
Discipline & Group	:	Chemical: Atmospheric Pollution							
Description of sample	:	Stack Emission							
Name of Stack	:	DG, 1500KVA							
Sample Identification number	:	ST- 23/10/11							
Sample Quantity	:	Bladder-01							
Date & Time of sampling	:	03/10/2023, 13:10-13:34 hr.							
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> :754 mmHg.							
Transportation Condition	:	Bottles < 5°C Bladder is kept at ambient temperature.							
Sample Monitored & Transported by	:	AESPL							
Date of sample receipt	:	05/10/2023							
Date of sample analysis	:	05/10/2023 to 11/10/2023							
Sampling equipment & Calibration status	:	ST-I-02 - Calibrated on 25/05/2023 Due on 25/05/2024							
Project/ Job number	:	AESPL/Q/2022-23/SHK/22 dt 22.10.22							
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02							
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01							
A. GENERAL INFORMATION ABOUT STACE	<b>(</b> :								
Stack Connected to : DG, 1500KVA		Emission due to : Combustion of Diesel							
Shape of stack : Circular		stack with permanent platform : Yes							
B. Physical Characteristics of Stack:									
Height of stack (m) : 30		Height of sampling point (m) : 15							
Diameter of Stack(m) : 0.50		Area of stack (m <sup>2</sup> ) : 0.196							
C. Analysis/ Characteristic of Stack:									
Fuel used : Diesel		Fuel consumption (lit/day.) : 90							
Details of pollution control devices attached v									
D. Result of Sampling & Analysis of Gaseou									
	nl+	MPCB. Limits Unit Method of analysis							
SL. No. Parameter Res		mg/Nm <sup>3</sup> USEPA-18,1996							

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TC-7085

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/10/03	<b>Issue Date:</b> 16/10/2023						
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
		Pirojshanagar, Eastern Express Highway Vikroli (E)					
		Mumbai – 400119. Mr. Abhijit Kanase;					
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane					
Discipline & Group	:	Chemical: Atmospheric Pollution					
Description of sample	:	Stack Emission					
Sample Identification number	:	ST- 23/10/03					
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.					
Date & Time of sampling	:	09/10/2023, 13:45-14:09 hr.					
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.					
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at					
Comple Monitored C Transports 11		plastic container   ambient temp.					
Sample Monitored & Transported by	:	AESPL 10/10/2022					
Date of sample receipt	:	10/10/2023					
Date of sample analysis	:	11/10/2023 to 14/10/2023					
Sampling Equipment Used	:	ST-I-01					
Calibration status	:	14/01/2023 to 14/01/2024					
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01					
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%					
A. General Information About Stack:							
Stack Connected to		: Spray drier					
Emission due to		: Process Activity					
Material of construction of stack		: MS					
Shape of stack		: Circular					
Whether stack is provided with permanent pla	tfo	rm : Yes					
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)		: 28.75					
Height of sampling point from ground level (m	)	:					
Diameter of Stack at sampling point (m)		: 0.66					
Area of stack (m²)		: 0.342					
C. Analysis/ Characteristic of Stack: Fuel used							
Fuel consumption		:					
Details of pollution control devices attached w stack:	ith						



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TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/03 **Issue Date:** 16/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	75		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	10.54		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	11084		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	50.81	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/10/04 **Issue Date:** 16/10/2023

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/10/04		<b>Issue Date:</b> 16/10/2023					
Name of Customer & Contact Details							
		Pirojshanagar, Eastern Express Highway Vikroli (E)					
		Mumbai – 400119. Mr. Abhijit Kanase;					
				6 ⊠ <u>abhijit.kanase@godreji</u>	inds.com		
Name of Site	:	Godrej In					
				Plant Dist-Thane			
Discipline & Group	:			mospheric Pollution			
Description of sample	:	Stack Emi	issi	on			
Sample Identification number	:	ST- 23/10	0/0	4			
Sample Quantity	:	SO <sub>2</sub> :1Bott	:le;	NOx:1 Bottle; Thimble-1.			
Date & Time of sampling	:	09/10/20	)23	, 15:00 to 15:28 hr.			
Sampling Environmental Conditions	:	Temp.:32	°C;	Rain fall: No; Pbar: 753 mm	Hg.		
Transportation Condition	:	Bottles <	۲° <i>(</i>	Thimbles in Bl	ladders at		
			<i>3</i> (	f plastic container ar	mbient temp.		
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	10/10/2023					
Date of sample analysis	:	11/10/20	)23	to 14/10/2023			
Sampling Equipment Used	:	ST-I-01					
Calibration status	:	14/01/2023 to 14/01/2024					
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	AESPL/LA	AB,	/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%					
A. General Information About Stack:							
Stack Connected to			:	Hot Air Generator			
Emission due to			:	Process Activity			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfor	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	28.75			
Height of sampling point from ground level (m	1)		:				
Diameter of Stack at sampling point (m)			: 0.30				
Area of stack (m <sup>2</sup> )			:	0.071			
C. Analysis/ Characteristic of Stack:							
Fuel used			:				
Fuel consumption			:	D 23			
Details of pollution control devices attached w	ith '	the stack:	:	Cyclone + Bag filter			



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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/04 **Issue Date:** 16/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	175		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	7.05		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	1537	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	60.84	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	40.85	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.51	64	Kg/day	IS-11255, (part-2) 2019						
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	70.84		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.





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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/10/05 **Issue Date:** 16/10/2023

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/10/05	Issue Date: 16/10/2023						
Name of Customer & Contact Details	Godrej Industries Ltd.						
		Pirojshanagar, Eastern Express Highway Vikroli					
		(E), Mumbai – 400119. Mr. Abhijit Kanase.					
		⊘771182586 ⊠abhijit.kanase@godrejinds.com					
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Th	ane				
Discipline & Group	:	Chemical: Atmospheric Pollution					
<b>Description of sample</b>	:	Stack Emission					
Sample Identification number	:	ST- 23/10/05					
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.					
Date & Time of sampling	:	09/10/2023, 09:00-09:20 hr.					
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.					
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders a					
		plastic container   ambient to	emp.				
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	10/10/2023					
Date of sample analysis	:	11/10/2023 to 14/10/2023					
Sampling Equipment Used	:	ST-I-01					
<b>Calibration status</b>	:	14/01/2023 to 14/01/2024	4/01/2023 to 14/01/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	AESPL/LAB/QR/7.3.3/R-02						
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01					
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%					
A. General Information About Stack:							
Stack Connected to		: Boiler 16043(HP) & 14335 (MP)					
Emission due to		: Combustion of NG & Mixed oil (160	)43				
		HP & 14335 MP-Boiler)					
Material of construction of stack		: MS					
Shape of stack		: Circular					
Whether stack is provided with permanent pla	tto	rm : Yes					
B. Physical Characteristics of Stack:		1.146					
Height of stack from ground level (m)	`	: 46					
Height of sampling point from ground level (m	:						
Diameter of Stack at sampling point (m)	: 0.85						
Area of stack (m²)  C. Analysis/ Characteristic of Stack:	: 0.568						
Fuel used	: NG + Mixed oil						
Fuel consumption							
Details of pollution control devices attached w	ith	, , , , , , , , , , , , , , , , , , , ,					
stack:	1111	. Stack					
omen							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/05 **Issue Date:** 16/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	154	-	°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	5.08		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	6805	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	70.17	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	48.70	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	7.95	293	Kg/day	IS-11255, (part-2) 2019						
7.	Nitrogen Oxide (as NO <sub>2</sub> )	80.94		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)

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#### **Test Report** (Stack Emission)

Sample   Gustomer & Contact Details   Codre   Industries Ltd.   Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai - 400119. Mr. Abhijit Kanase.   Ø77118258	<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/10/07	<b>Issue Date:</b> 16/10/2023								
Name of Site	Name of Customer & Contact Details	:	,	Godrej Industries Ltd.						
Mame of Site										
Same of Site				Mumbai – 400119. Mr. Abhijit Kanase.						
Discipline & Group			<b>⊘77118</b>	325	8 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Stack Emission   Sta		:	,							
Sample Identification number		:			•					
Sample Quantity	Description of sample	:	Stack En	iiss	sion					
Date & Time of sampling		:	ST- 23/1	0/	07					
Sampling Environmental Condition         :         Temp::33°C; Rabin Fall: No; Plant: 754 xm Hg.           Transportation Condition         :         Bottles < 5°C	Sample Quantity	:			· · · · · · · · · · · · · · · · · · ·					
Transportation Condition       : Bottles < 5°C   Bott		:								
Sample Monitored & Transported by         :         AESPL         Head of Sample receipt         :         AESPL         Head of Sample receipt         :         10/10/2023 to 14/10/2023         Head of Sample analysis         :         11/10/2023 to 14/10/2023         Head of Sampling Equipment Used         :         ST-1-02         S	Sampling Environmental Conditions	:	Temp.:3	3°C	; Rain fall: No; P <sub>bar</sub> : 754 mmHg.					
Sample Monitored & Transported by   Container   Sampling & Container   Sa	Transportation Condition	:	Rottles e	<b>.</b> 50						
Date of sample receipt       :       10/10/2023         Date of sample analysis       :       11/10/2023 to 14/10/2023         Sampling Equipment Used       :       ST-I-02         Calibration status       :       25/05/2023 to 25/05/2024         Project/ Job number       :       P0#2527011419 DT. 11.05.2023         Reference of sampling       :       AESPL/LAB/QR/7.3.3/R-02         Method of sampling & preservation       :       AESPL/LAB/SOP/7.3.1/ST-01         Environmental Condition while Testing       :       Temperature: 27°C; RH-40%         A. General Information About Stack:       :       Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06         Emission due to       :       :       Combustion of NG (TS-04 & TS-06)         Material of construction of stack       :       :       Circular         Whether stack is provided with permanent platform       :       Yes         B. Physical Characteristics of Stack:       :       Yes         B. Physical Characteristics of Stack:       :       :         Height of stack from ground level (m)       :       38         Height of stack at sampling point (m)       :       0.35         Area of stack (m²)       :       0.096         C. Analysis/ Characteristic of Stack:				` J	plastic container   ambient temp.					
Date of sample analysis  Sampling Equipment Used  Calibration status  Project / Job number  Reference of sampling  Reference of sampling & preservation  Environmental Condition while Testing  A. General Information About Stack:  Stack Connected to  Emission due to  Material of construction of stack  Shape of stack  Whether stack is provided with permanent platform  Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of Sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Area of stack (m²)  C. Analysis / Characteristic of Stack:  Fuel used  Fuel consumption  Details of pollution control devices attached with the  STATION 14/10/2023  Total 14/10/2023  ST-I-02  25/05/2023 to 25/05/2024  AESPL/LAB/SOP/7.3.1/ST-01  Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to  Syphon heater FADP-2 TS-04 & TS-06  Syphon heater FADP-2 TS-04 &		:	<b>.</b>							
Sampling Equipment Used : ST-I-02  Calibration status : 25/05/2023 to 25/05/2024  Project/ Job number : P0#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Ves  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) : 0.35  Area of stack (m²) : NG  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Details of pollution control devices attached with the : Stack		:								
Calibration status : 25/05/2023 to 25/05/2024  Project/ Job number : P0#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) : 0.35  Area of Stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Details of pollution control devices attached with the : Stack		:		02	3 to 14/10/2023					
Project/ Job number		:								
Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) :  Diameter of Stack at sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : NG  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack	<b>Calibration status</b>	:	25/05/2	02	3 to 25/05/2024					
Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01   Environmental Condition while Testing : Temperature: 27°C; RH-40%   A. General Information About Stack: : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06   Emission due to : Combustion of NG (TS-04 & TS-06)   Material of construction of stack : MS   Shape of stack : Circular   Whether stack is provided with permanent platform : Yes   B. Physical Characteristics of Stack: . 38   Height of stack from ground level (m) : 38   Height of Stack at sampling point from ground level (m) : 0.35   Area of stack (m²) : 0.096   C. Analysis/ Characteristic of Stack: . NG   Fuel used : NG   Fuel consumption : 50 Sm³/hr.   Details of pollution control devices attached with the : Stack		:	PO#252	701	11419 DT. 11.05.2023					
Environmental Condition while Testing  A. General Information About Stack:  Stack Connected to  Stack Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Stack TS-06  Stack Combustion of NG (TS-04 & TS-06)  MS  Circular  Stack Circula	Reference of sampling	:	AESPL/I	ΔAB	3/QR/7.3.3/R-02					
A. General Information About Stack:  Stack Connected to  Stack Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to  Combustion of NG (TS-04 & TS-06)  Material of construction of stack  Shape of stack  Shape of stack  Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Stack and stack from ground level (m)  Stack at sampling point from ground level (m)  Stack at sampling point (m)  Stack at sampling stack (m²)  Stack at sam	Method of sampling & preservation	:								
Stack Connected to  Emission due to  Emission of NG (TS-04 & TS-06)  MS  Stack  Eves  Eves  Eves  Emission due to  Emission due to  Emission of NG (TS-04 & TS-06)  MS  Stack TS-06  Endistion of NG (TS-04 & TS-06)  Endistance of NG  Eves  Emission of NG (TS-04 & TS-06)  Eves  Eves  Eves  Emission of NG (TS-04 & TS-06)  Eves  E		:	Tempera	emperature: 27°C; RH-40%						
Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack										
Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack	Stack Connected to			:						
Material of construction of stack : MS Shape of stack : Circular Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack: Height of stack from ground level (m) : 38 Height of sampling point from ground level (m) : Diameter of Stack at sampling point (m) : 0.35 Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack					* 1					
Shape of stack  Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Height of sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Area of stack (m²)  C. Analysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Details of pollution control devices attached with the  : Circular  Yes  Output  Stack  I NG  Stack  Stack  Stack  Stack  Stack										
Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Height of sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Area of stack (m²)  C. Analysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Details of pollution control devices attached with the  : Yes  38   0.096  : 0.35  ROG  Fuel consumption  : NG  Stack  Stack										
B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack										
Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack		tto	rm	:	Yes					
Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack					20					
Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack		`		:	38					
Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack			0.25							
C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack										
Fuel used: NGFuel consumption: 50 Sm³/hr.Details of pollution control devices attached with the: Stack				Ŀ	0.070					
Fuel consumption : 50 Sm³/hr.  Details of pollution control devices attached with the : Stack					NG					
Details of pollution control devices attached with the : Stack										
<del>-</del>		ith	the							
	=			•						



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/07 **Issue Date:** 16/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	162		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	6.41		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	1328		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	8.04	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	6.85		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.22	125	Kg/day	IS-11255, (part-2) 2019						
7.	Nitrogen Oxide (as NO <sub>2</sub> )	104.08		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### Test Report (Stack Emission)

Kel. No.: AESPL/LAD/C/ 31- 23/10/00	155ue Date: 10/10/2025							
Name of Customer & Contact Details	:	Godrej Industries Ltd.						
		Pirojshanagar, Eastern Express Highway Vikroli						
		(E), Mumbai – 400119. Mr. Abhijit Kanase.						
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane						
Discipline & Group	:	Chemical: Atmospheric Pollution						
Description of sample	:	Stack Emission						
Sample Identification number	:	ST- 23/10/08						
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.						
Date & Time of sampling	:	09/10/2023, 13:00-13:32 hr.						
Sampling Environmental Conditions	:	Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.						
Transportation Condition		Bottles < 5°C Thimbles in Bladders at						
		plastic container   ambient temp.						
Sample Monitored & Transported by	:	AESPL						
Date of sample receipt	:	10/10/2023						
Date of sample analysis	:	11/10/2023 to 14/10/2023						
Sampling Equipment Used	:	ST-I-02						
Calibration status	:	25/05/2023 to 25/05/2024						
Project/ Job number		PO#2527011419 DT. 11.05.2023						
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02						
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01						
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%						
A. General Information About Stack:								
Stack Connected to		: Thermic Fluid Heater/Thermo						
		Syphon heater TP15/TS10						
Emission due to		: Combustion of NG (TS-15)						
Material of construction of stack		: MS						
Shape of stack		: Circular						
Whether stack is provided with permanent pla	tfo	rm : Yes						
B. Physical Characteristics of Stack:								
Height of stack from ground level (m)	`	: 38						
Height of sampling point from ground level (m	:							
Diameter of Stack at sampling point (m)	: 0.60							
Area of stack (m²)	: 0.283							
	C. Analysis/ Characteristic of Stack:							
Fuel consumption (Sm <sup>3</sup> /hr)		: NG : 1035						
Fuel consumption (Sm <sup>3</sup> /hr.)  Details of pollution control devices attached w	ith							
Details of pollution control devices attached w	ıllı	the stack:  :   Stack						



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/10/08 **Issue Date:** 16/10/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	180		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	5.74		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	3508		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	6.84	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	7.05		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.60	270	Kg/day	IS-11255, (part-2) 2019						
7.	Nitrogen Oxide (as NO <sub>2</sub> )	90.87		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/10/10 **Issue Date:** 12/10/2023

	<b>Ref. No.:</b> AESPL/LAB/C/W-23/10/10 <b>Issue Date:</b> 12/10/2023										
	f Customer&	••	Godrej In					_			
Contact	Details		Pirojshan	aga	r, Eastern Express Highway						
			Vikroli Ea	Vikroli East, Mumbai – 400079							
			Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com								
Name o	f Site	:	Godrej In	dus	stries Ltd	l.	_				
			Amberna	th I	Plant. Dis	t-Thane					
Nature	of Sample	:	Effluent			Location o	f Sample	:	ETP Inlet		
Date of	Sample Drawn	••	03/10/202	23		Time of Sa	mple Drawn	:	10.50 am		
Sample	Drawn By	••	AESPL			Transport		:			
	Sample Receipt		05/10/202				entification	:			
	Quantity &	:	-	stic	can; <b>F</b> -1li	t, Plastic car	n & <b>B</b> -500 ml, Ar	nb	er colored Glass		
Contain			bottle								
	Sample Analysis	:	05/10/20								
Enviror	nmental Conditions at	si	te	:			: 28°C, Air Temp	oei	rature: 30°C,		
						ding was cle			** 00 0		
Transp	ortation Condition			:			O <sub>4</sub> , B: pH < 2.0 w				
Dunicat	/ Lab manush an			_			perature: < 6°C,		old storage.		
	/ Job number			:			DT. 09.05.2023	•			
	nce of Sampling		#! a.u.	:		LAB/QR/7.3					
	l of Sampling & Presentmental Condition wh			:		LAB/SOP/7.	3.1/ w-01 re: 29°C and Hu	ım	idityy 6004		
Sr.No.				-		sult			•		
	Parame pH @ 25°C	tei				.92	APHA-2017(4		of analysis		
1.	Suspended Solids @ 1	<u> </u>	°C ma/l			32					
2. 3.	Chemical Oxygen Den		U,			450	APHA-2017(2 APHA-2017(5				
	Biochemical Oxygen I			+		260	IS-3025 (Part				
4.	@ 27°C for 3 days, mg		ııdlıu		14	200	13-3025 (Part	44	J NA2017		
5.	Total Dissolved Solids	_	180°C		0	50	ΔΡΗΔ-2017(2	54	.O-C)		
6.	Chloride as Cl-, mg/l	100 6,			20	APHA-2017(2540-C)					
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					70					
8. Total Ammoniacal Nitrogen as NH <sub>3</sub> ,						< 0.56 APHA-2017(4500NH <sub>3</sub> -B&C)			•		
0.	mg/l	u U	gen as Mn3,			0.00	AI IIA-2017 (4	50	OMIG-DAC)		
9.	Anionic detergent as	MR	AS mg/l	+	< 1	< 0.04 APHA-2017(5540-C)			0-C)		
10.	Oil & Grease, mg/l	מויו	no, ilig/ i			2.0	IS-3025 (Par	_			
10.	on & Grease, mg/1				<	2.0	13-3025 (Par	ι 3	DJ NAZUIY		

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Reshma S. Patil (Authorized Signatory)



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#### **Test Report** (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/10/11 **Issue Date:** 12/10/2023

Itci. I	tel. No.: ALSI L/LAD/G/W-23/10/11										
	e of Customer&	:	Godrej In	dus	stries Lt	d					
Cont	act Details		Pirojshan	Pirojshanagar, Eastern Express Highway							
			Vikroli East, Mumbai – 400079								
				Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com							
Nam	e of Site		Godrej In					<u>o gourojmusicom</u>			
114111	c of bite	•	Amberna								
Natu	re of Sample	:	Effluent	CII I	iaiit. Di	Location of Sar	nnlo	: ETP - Outlet			
	of Sample Drawn	:	03/10/202	22		Time of Sample		: 11.00 am			
	ple Drawn By	:	AESPL	23		Transported B		: AESPL			
	of Sample Receipt	:	05/10/202	22		Sample Identif		: W- 23/10/11			
					con. E 1			mber colored Glass			
	ple Quantity & ainer	i	bottle	stic	Call; <b>r-</b> 1.	iit, Flastic call & B	-500 IIII, AI	inder colored Glass			
	of Sample Analysis		05/10/202	224	-0 10 /10	/2023					
	ronmental Conditions at	l ci		23		72023 Геmperature: 28°	C Air Tomr	agratura, 20°C			
LIIVI	i oninental conditions a	. 31	i.e	•		nding was clean.	c, All Tellip	perature. 30 G,			
Tran	sportation Condition				A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &						
IIan	sportation condition			•		2.0 with H <sub>2</sub> 50 <sub>4</sub> , B					
Proj	ect/ Job number					27006419 DT. 0					
	rence of Sampling			-	: AESPL/LAB/QR/7.3.3/R-02						
	od of Sampling & Prese	MX 7.0	tion		: AESPL/LAB/SOP/7.3.1/W-01						
	ronmental Condition wh			-	: AESPL/LAB/SOP/7.3.1/W-01 : Ambient Temperature: 29°C and Humidity: 69%						
Sr.	Parameter with unit	1110	resting	T	Result	MPCB Consent		nod of analysis			
No.	i ai ainetei with tillt			1	\csuit	Limit	Meti	iou of allalysis			
1.	pH @ 25°C				7.32	6.0 to 8.5	ΔPHΔ-20°	17(4500H+-B)			
2.	Suspended Solids @ 103	°C.	mg/l		16	< 100		17(1500H B) 17(2540-D)			
3.	Chemical Oxygen Demar	_			60	< 250		17(5220-B)			
4.	Biochemical Oxygen Den				22	< 100		P-44) RA2019			
	@ 27°C for 3 days, mg/l							,			
5.	Total Dissolved Solids @	18	30°C, mg/l		610	< 2100	APHA-20	17(2540-C)			
6. Chloride as Cl-, mg/l					105	< 600		17(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l				80	< 1000	APHA-20	17(4500SO <sub>4</sub> <sup>2</sup> -E)			
8.	Total Ammoniacal Nitro	ger	as NH <sub>3</sub> ,	•	< 0.56	< 50	APHA-20	17(4500NH <sub>3</sub> -B&C)			
	mg/l										
9.	Anionic detergent as MB	AS	, mg/l		< 0.04	< 5	APHA-20	17(5540-C)			
10.	Oil & Grease, mg/l				< 2.0	< 10	IS-3025 (1	P-39) RA2019			

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

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- Decision Rule is applied.



Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

Kef. No.:	Ref. No.: AESPL/LAB/C/W-23/10/12 Issue Date: 12/10/2023										
	f Customer& : Godrej Industries Ltd										
Contact	Details		,	Pirojshanagar, Eastern Express Highway							
			Vikroli Ea	Vikroli East, Mumbai – 400079							
			Mr. Abhijit	Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com							
Name of	f Site	:	Godrej In								
			Amberna	th I	Plant. Dis				_		
	of Sample	:	Effluent			Location of Sa		:	RO 1 Product		
	Sample Drawn	:	03/10/20	23		Time of Samp		:	10.00 am		
	Drawn By	:	AESPL			Transported		:	AESPL		
	Sample Receipt	:	05/10/20		D 411	Sample Ident		:	W- 23/10/12		
Contain	Quantity &	•	bottle	stic	can; F-111	t, Plastic can &	<b>B</b> -500 ml, Ar	nb	er colored Glass		
	Sample Analysis	:	05/10/20	22 t	-0.10/10/	2023					
	mental Conditions at			-		emperature: 28	R°C. Air Temr	ner	rature: 30°C		
Liivii oii	mental conditions at			•		ding was clean.		,,,	acare. 50 d,		
Transpo	ortation Condition			:		A: pH <2.0 with $H_2SO_4$ , B: pH <2.0 with $H_2SO_4$ &					
					F: < 6°C	Water Temper	ature: < 6°C,	Co	old storage.		
	/ Job number			:		27006419 DT.		3			
	ce of Sampling			:		LAB/QR/7.3.3/					
	of Sampling & Preser			:		LAB/SOP/7.3.1,					
	mental Condition wh			:	Ambient Temperature: 29°C and Humidity: 69%						
Sr.No.	Paran	net	ter			Result			of analysis		
1.	рН @ 25°C					7.22	APHA-2017(4500H+-B)				
2.	Turbidity, NTU					< 2.0	APHA-2017(2130-B)				
3.	Suspended Solids @	Ð 1	$.03^{\circ}$ C, mg/l			8.0	APHA-2017(2540-D)				
4.	Chemical Oxygen D	en	nand, mg/l			20	APHA-201	7(	(5220-B)		
5.	Total Dissolved Sol	ids	s@ 180°C, r	ng,	<b>/</b> l	100	APHA-2017(2540-C)				
6.	Chloride as Cl-, mg/	<u>'</u> ]				25	APHA-201	7(	4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , m	ng/	/1			50 APHA-2017(4500SO <sub>4</sub> <sup>2</sup> -E)					
8.	Residual Chlorine, 1	mg	;/l			0.56 APHA-2017(4500Cl-B)					
9.	Hardness CaCO <sub>3</sub> , m	g/	l			54 APHA-2017(2340-C)					
10.						0.037 APHA-2017(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2 APHA-2017(4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (P	ar	t 39) RA2019		

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/10/13 **Issue Date:** 12/10/2023

Name of Customer& : Godrei Industries Ltd		Ref. No.: AESPL/LAB/C/W-23/10/13								
Contact Details Pirojshanagar, Eastern Express Highway	Pirojshanagar, Eastern Express Highway									
Vikroli East, Mumbai – 400079	Vikroli East, Mumbai – 400079									
Mr. Abhijit Kanse 770982586,Email: abhijit.kana	Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com									
Name of Site : Godrej Industries Ltd.										
Ambernath Plant. Dist-Thane										
Nature of Sample : Effluent Location of Sample	:	RO 2 Product								
Date of Sample Drawn: 03/10/2023Time of Sample Drawn	:	_								
Sample Drawn By : AESPL Transported By	:									
Date of Sample Receipt       : 05/10/2023       Sample Identification	<u> </u> :									
Sample Quantity & : A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml,	Amb	per colored Glass								
Container bottle										
Date of Sample Analysis: 05/10/2023 to 10/10/2023Environmental Conditions at site: Water Temperature: 27°C, Air Temperature: 27°C,	222.0	notuno, 22°C								
Surrounding was clean.	ipe	rature: 32 C,								
	A: pH <2.0 with $H_2SO_4$ , B: pH <2.0 with $H_2SO_4$ &									
F: < 6°C Water Temperature: < 6°	C, C	old storage.								
<b>Project/ Job number</b> : P0#2527006419 DT. 09.05.202	23									
<b>Reference of Sampling</b> : AESPL/LAB/QR/7.3.3/R-02										
Method of Sampling & Preservation : AESPL/LAB/SOP/7.3.1/W-01										
	Ambient Temperature: 29°C and Humidity: 69%									
	Result Method of analysis									
·	APHA-2017(4500H+-B)									
	APHA-2017(2130-B)									
3. Suspended Solids @ 103°C, mg/l 6.0 APHA-20	APHA-2017(2540-D)									
	APHA-2017(5220-B)									
5. Total Dissolved Solids@ 180°C, mg/l 100 APHA-20	APHA-2017(2540-C)									
6. Chloride as Cl-, mg/l 30 APHA-20	30 APHA-2017(4500Cl <sup>-</sup> -B)									
1	6.8 APHA-2017(4500SO <sub>4</sub> <sup>2</sup> -E)									
	50 APHA-2017(2340-C)									
5,										
. 57										
12. Oil & Grease, mg/l < 2.0 IS-3025	Oil & Grease, mg/l < 2.0 IS-3025 (Part 39) RA2019									

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/10/14 **Issue Date:** 12/10/2023

	Rei. No.: AESPL/LAB/C/W-23/10/14 Issue Date: 12/10/2023										
	f Customer& : Godrej Industries Ltd										
Contact	Details		Pirojshan	Pirojshanagar, Eastern Express Highway							
			Vikroli Ea	Vikroli East, Mumbai – 400079							
			Mr. Abhijit	Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com							
Name of	f Site	:	Godrej In								
			Amberna	th I	Plant. Dis						
	of Sample	:	Effluent			Location of S		:	RO 3 Product		
	Sample Drawn	:	03/10/20	23		Time of Samp		:	10.20 am		
	Drawn By	:	AESPL			Transported		:	AESPL		
	Sample Receipt	:	05/10/20			Sample Ident		:	W- 23/10/14		
	Quantity &	:		stic	can; <b>F-</b> 1li	t, Plastic can &	<b>B</b> -500 ml, Ar	nb	er colored Glass		
Contain			bottle	22.	10/10	(2022					
	Sample Analysis	:	05/10/20				70 <i>C</i> A1 T		2200		
Environ	mental Conditions at	SI	te	:		emperature: 27 ding was clean		oer	ature: 32°C,		
Transpo	ortation Condition			:	A: pH <2.0 with $H_2SO_4$ , B: pH <2.0 with $H_2SO_4$ &						
				_		Water Temper					
Project/	/ Job number			:		27006419 DT			Ü		
	ce of Sampling			:	AESPL/	LAB/QR/7.3.3/	R-02				
	of Sampling & Presen			:		LAB/SOP/7.3.1					
	mental Condition wh			:	Ambient Temperature: 29°C and Humidity: 69%						
Sr.No.	Paran	net	ter			Result Method of anal					
1.	pH @ 25°C					7.31	APHA-2017(4500H+-B)				
2.	Turbidity, NTU					< 2.0	APHA-2017(2130-B)				
3.	Suspended Solids @	D 1	.03°C, mg/l			8.0	APHA-2017(2540-D)				
4.	Chemical Oxygen D		. 0,			20	APHA-2017(5220-B)				
5.	Total Dissolved Sol	ids	s@ 180°C, r	ng/	<b>/</b> 1	490	APHA-2017(2540-C)				
6.	Chloride as Cl-, mg/					72	APHA-2017(4500ClB)				
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					52	52 APHA-2017(4500SO <sub>4</sub> <sup>2</sup> -E)				
8.	Residual Chlorine,			<0.56 APHA-2017(4500Cl <sup>-</sup> -B)							
9.	Hardness CaCO <sub>3</sub> , m	g/	l			54 APHA-2017(2340-C)					
10. Iron as Fe, mg/l						0.037 APHA-2017(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2 APHA-2017(4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019				

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/10/15 **Issue Date:** 12/10/2023

Kef. No.:	No.: AESPL/LAB/C/W-23/10/15 Issue Date: 12/10/2023												
	f Customer&	:	Godrej In	dus	stries Ltd								
Contact	Details		,	_	•	n Express Hig	hway						
			Vikroli Ea	ıst,	Mumbai	- 400079							
			Mr. Abhijit	: Ka	nse 7709	82586,Email: <u>a</u> l	bhijit.kanase	<u>@</u>	godrejinds.com				
Name of	f Site	:	Godrej In										
			Amberna	th I	Plant. Dis								
	of Sample	:	Effluent			Location of Sa	-	:	RO 3 Reject				
	Sample Drawn	:	03/10/20	23		Time of Samp		:	10.05 am				
	Drawn By	:	AESPL			Transported 1		:	AESPL				
	Sample Receipt	:	05/10/20		E 41	Sample Ident		:	W- 23/10/15				
Contain	Quantity &	:	<b>A-</b> 1lit, Plastic can; <b>F-</b> 1lit, Plastic can & <b>B-</b> 500 ml, Amber colored Glas bottle										
	Sample Analysis	:	05/10/2023 to 10/10/2023										
	mental Conditions at												
	mental contactions at	Surrounding was clean.											
Transpo	nsportation Condition : A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &												
	F: < 6°C Water Temperature: < 6°C, Cold storage.												
	/ Job number			:		27006419 DT.		,					
	ce of Sampling			:		LAB/QR/7.3.3/1							
	of Sampling & Presen			:		LAB/SOP/7.3.1,							
	mental Condition wh			:	Ambien	t Temperature:							
Sr.No.	Paran	net	ter			Result			of analysis				
1.	рН @ 25°C					7.53		`	4500H+-B)				
2.	Turbidity, NTU					<2.0	APHA-201						
3.	Suspended Solids @	Ð 1	.03°C, mg/l			36	APHA-201	7(	2540-D)				
4.	Chemical Oxygen D		- 0,			710	APHA-201	7(	5220-B)				
5.	Total Dissolved Sol	ids	s@ 180°C, r	ng,	<b>/</b> 1	1480	APHA-201	7(	2540-C)				
6.	Chloride as Cl-, mg/	<u>'</u> ]				370	APHA-201	7(	4500Cl <sup>-</sup> -B)				
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , m	ıg/	/1			1010	APHA-201	7(	4500SO <sub>4</sub> <sup>2</sup> E)				
8.	Residual Chlorine, 1	mg	;/l			0.56	APHA-201	7(	4500Cl <sup>-</sup> -B)				
9.	Hardness CaCO <sub>3</sub> , m	g/	l			1080	APHA-201	7(	2340-C)				
10.	Iron as Fe, mg/l					0.037	APHA-201	7(	3500Fe-B)				
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-201	7(	4500SiO <sub>2</sub> -C)				
12.	Oil & Grease, mg/l < 2.0 IS-3025 (Part 39) RA2019												

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

### Test Report (Workplace)

Iccua Dato: 00/10/2022

**Ref:** AESPL/LAB/C/WP-23/10/02

<b>Ref:</b> AESPL/LAB/C/W	P-23/10/0	2	Issue Date: 09/10/2023										
Name of Customer &	: G	Godrej Industries Ltd											
Contact Details	l Pi	irojsh	an	agar, East	ern Express l	Highway							
				_	ai – 400079								
				•		il: abhiiit k	an	ase@godrejinds.com					
Name of Site						worm jum		use o gourejmusteem					
Name of Site		Godrej Industries Ltd. Ambernath Plant. Dist-Thane											
Description of Sample		orkpl/											
Location of Sampling				near scrub	ber								
Date of Sampling	: 04	4/10/	202	23									
Sampling Time	: 10	0:00 to	o 10	0:30 hr.	Duration		:	30 min.					
Sample Drawn By	: A	ESPL			Transported	d By	:	AESPL					
Date of Sample Receipt	: 05	5/10/	202	23	Sample		:	A-23/10/02					
Sample Quantity &	: R	SPM-1	pa	per; SPM-1	NRD Cap.								
Date of Sample Analysis	: 05	5/10/	202	23 to 07/1	0/2023								
Sampling Environmental	Condition	S	s : Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.										
Transportation Condition	1		:	Filter pap	ers in plastic o	container							
Sampling Equipment			:	High Volu	ıme Sampler R	DS-I-09							
<b>Calibration Status</b>			:	Calibrate	d on 31/12/20	022 due on	30	/12/2023					
Project/ Job number			:	PO#2527	006419 DT. 09	9.05.2023							
Reference of Sampling			:	AESPL/L	AB/QR/7.3.3/1	R-02							
Method of Sampling & Pr	eservatior	ì	:	AESPL/L	AB/SOP/7.3.1,	/WP-01							
<b>Environmental Condition</b>	while	hile : Ambient Temperature: 27.6°C and Humidity: 69%											
Parameter	Result			Limits a	s per	Method	of	sampling & analysis					
SPM, mg/m <sup>3</sup>	0.265	15r	ng,	/m³ [OSHA	(PEL)]	IS 5182 (	Pa	rt 23) RA2017					
RSPM, mg/m <sup>3</sup>	0.048	48 5mg/m³ [OSHA (PEL)] IS 5182 (Part 23) RA2017											

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

### Test Report (Workplace)

Issua Data: 09/10/2023

**Ref:** AESPL/LAB/C/WP-23/10/03

<b>Ref:</b> AESPL/LAB/C/WP-23/10/03 <b>Issue Date:</b> 09/10/2023													
Name of Customer &	:   G	Godrej Industries Ltd											
Contact Details	P	irojsi	nan	agar, East	ern Express l	Highway							
		-		_	ai – 400079	0 ,							
				•		il· abhiiit k	an	ase@godrejinds.com					
Name of Site	+ +					in <u>uomjun</u>	-	ase e goarejmas.com					
Name of Site		Godrej Industries Ltd. Ambernath Plant. Dist-Thane											
D : :: 60 1													
Description of Sample		Workplace											
Location of Sampling				Plant - 2 <sup>nd</sup>	floor								
Date of Sampling	: 0	4/10/	202	23									
Sampling Time	: 1	00 to	1:3	30 hr.	Duration		:	30 min.					
Sample Drawn By	:   A	ESPL			Transported	d By	:	AESPL					
Date of Sample Receipt		5/10/			Sample		:	A-23/10/03					
Sample Quantity &	:   R	SPM-	1pa	per; SPM-1	NRD Cap.								
Date of Sample Analysis	: 0	5/10/	202	23 to 07/10	0/2023								
Sampling Environmenta	l Condition	IS	:	Temperat	ture:28-38°C;	Rain fall: N	0;	P <sub>bar</sub> : 754 mmHg.					
Transportation Condition	on		:	Filter pap	ers in plastic	container							
Sampling Equipment			:	High Volu	ıme Sampler R	RDS-I-09							
Calibration Status			:	Calibrate	d on 31/12/20	022 due on	30	/12/2023					
Project/ Job number			:	PO#2527	006419 DT. 0º	9.05.2023							
Reference of Sampling			:	AESPL/LA	AB/QR/7.3.3/	R-02							
Method of Sampling & P	reservatio	1	:	AESPL/L	AB/SOP/7.3.1	/WP-01							
<b>Environmental Conditio</b>	n while	<b>le</b> : Ambient Temperature: 27.6°C and Humidity: 69%											
Parameter	Result			Limits as	s per	Method	of	sampling & analysis					
SPM, mg/m <sup>3</sup>	0.226	151	mg/	/m³ [OSHA	(PEL)]	IS 5182 (	Pai	rt 23) RA2017					
RSPM, mg/m <sup>3</sup>	0.047	5m	g/r	n³ [OSHA (	PEL)]	IS 5182 (	Pai	rt 23) RA2017					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-23	<u>/10</u>	/04	14 Issue Date: 09/10/2023									
Name of Customer &	:	Godrej	In	dustries L	td							
Contact Details		Pirojsł	nan	agar, East	ern Express H	ighway						
		Vikroli	i Ea	ast. Mumb	ai – 400079							
				•		abhiiit.k	ana	ase@godrejinds.com				
Name of Site				dustries L								
	•	,	Ambernath Plant. Dist-Thane									
Description of Sample	:	Workplace										
Location of Sampling	•			iling Area								
Date of Sampling	:	04/10/										
Sampling Time				1:30 hr.	Duration			30 min.				
Sample Drawn By	÷	AESPL	0 1	1.00 111.	Transported	Bv	<u>:</u>	AESPL				
Date of Sample Receipt	:	05/10/	′20	23	Sample	<i>- y</i>	:	A-23/10/04				
Sample Quantity &	:			per; SPM-1				-, -, -				
Date of Sample Analysis	:		_	23 to 07/1	•							
Sampling Environmental Con	diti	ons										
Transportation Condition			:	Filter pap	ers in plastic co	ntainer						
Sampling Equipment			:	High Volu	me Sampler RD	S-I-07						
Calibration Status			:	Calibrated	d on 31/12/202	22 due on	30	/12/2023				
Project/ Job number			:	PO#2527	006419 DT. 09.	05.2023						
Reference of Sampling			:		AB/QR/7.3.3/R							
Method of Sampling & Preserv		ion	:		AB/SOP/7.3.1/\							
<b>Environmental Condition whi</b>												
Parameter Re	sul	lt		Limit	s as per	Me	tho	od of sampling &				
								analysis				
SPM, mg/m <sup>3</sup> 0.	262	2	1	5mg/m <sup>3</sup> [C	SHA (PEL)]	IS 5182	(Pa	art 23) RA2017				
RSPM, mg/m <sup>3</sup> 0.	034	ŀ	5	5mg/m <sup>3</sup> [OS	SHA (PEL)]	IS 5182	(Pa	art 23) RA2017				

#### PEL-Permissible Exposure Limit.

Conformity Statement: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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- 2. Results relate only to the items tested.
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Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

### Test Report (Workplace)

Iccua Dato: 00/10/2022

Ref: AESPL/LAB/C/WP-23/10/05

Ref: AESPL/LAB/C	L/WP-23/1	3/10/05 <b>Issue Date</b> : 09/10/2023											
Name of Customer &	:	Godrej	Indus	tries L	td								
<b>Contact Details</b>		Pirojsh	anaga	r, East	ern Express l	Highway							
			_		ai – 400079	0 ,							
						il: abhiiit.k	an	ase@godrejinds.com					
Name of Site		Godrej	•					<u> </u>					
	-	-			ist-Thane								
Description of Sample				iaiit. L	13t Thanc								
Location of Sampling		_	Workplace Flaker Plant 1st Floor										
Date of Sampling		04/10/20		- 11001									
Sampling Time		11:00 to		) hr	Duration			30 min.					
Sampling Time Sample Drawn By		AESPL	11.50	<i>J</i> 111 .	Transported	l Rv	•	AESPL					
Date of Sample Recei	nt ·	05/10/2	2023		Sample	л Бу	•	A-23/10/05					
Sample Quantity &	ρι .			· SPM-1	NRD Cap.		•	11 23/10/03					
Date of Sample Analy	cic .	05/10/2											
Sampling Environment			: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.										
Transportation Cond		LIOIIS	:		papers in plas			to, i par. 75 i iiiiiiig.					
Sampling Equipment			Ti:		Volume Sample								
Calibration Status			Ti					n 30/12/2023					
Project/ Job number			Ti:		527006419 D								
Reference of Samplin	σ		1:		L/LAB/QR/7.3								
Method of Sampling &	_	ation	1:		L/LAB/SOP/7.								
Environmental Condi			:					d Humidity: 69%					
Parameter	Res				s as per			sampling & analysis					
SPM, mg/m <sup>3</sup>	0.2	60	15mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017							
RSPM, mg/m <sup>3</sup>	0.0	46	5mg,	/m³ [09	SHA (PEL)]	IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

### Test Report (Workplace)

Iccua Dato: 00/10/2022

Ref: AESPL/LAB/C/WP-23/10/06

<b>Ref:</b> AESPL/LAB/C/WP-23/10/06 <b>Issue Date:</b> 09/10/2023													
Name of Customer &	:	Godre	j In	dustries L	td								
Contact Details		Pirojs	har	nagar, East	ern Express I	Highway							
				_	ai – 400079	0 ,							
				•		il- abhiiit k	an	ase@godrejinds.com					
Name of Site						u. domjie.k	un	use e godrejmas.com					
Name of Site	•	Godrej Industries Ltd. Ambernath Plant. Dist-Thane											
D 1 11 60 1					ist-i nane								
Description of Sample	:	Workplace											
Location of Sampling	:	AOS p											
Date of Sampling	:	04/10											
Sampling Time	:	2:30 to	3:0	00 hr.	Duration		:	30 min.					
Sample Drawn By	:	AESPL	ı		Transported	l By	:	AESPL					
Date of Sample Receipt	:	05/10			Sample		:	A-23/10/06					
Sample Quantity &	:	SO <sub>2</sub> -30	ml	X 1No.									
Date of Sample Analysis		05/10	/20	23 to 07/1	0/2023								
Sampling Environmenta	l Conditi	ons	:	Temperat	ture:28-38°C;	Rain fall: N	0;	P <sub>bar</sub> : 754 mmHg.					
Transportation Condition	n		:	Filter pap	ers in plastic o	container							
Sampling Equipment			:	High Volu	me Sampler R	DS-I-09							
Calibration Status			:	Calibrate	d on 31/12/20	22 due on	30	)/12/2023					
Project/ Job number			:	PO#2527	006419 DT. 09	9.05.2023							
Reference of Sampling			:	AESPL/L	AB/QR/7.3.3/1	R-02							
Method of Sampling & P	reservati	ion	:	AESPL/L	AB/SOP/7.3.1,	/WP-01							
<b>Environmental Conditio</b>	n while		:	Ambient'	Temperature:	27.6°C and	Н	umidity: 69%					
Parameter	Result	t		Limits a	s per	Method	of	sampling & analysis					
SO <sub>2</sub> , mg/m <sup>3</sup>	0.028	13	3 mg/m³ [OSHA (PEL)] IS 51			IS 5182 (Part 2) RA2017							
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	3 N.	A [O	SHA (PEL)]		IS 5182 (	Pa	rt 2) RA2017					

#### PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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- 2. Results relate only to the items tested.
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Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-23/10/07 <b>Issue Date:</b> 09/10/2023													
Name of Customer &	:	Godrej	In	dustries L	td			·					
Contact Details		Pirojsh	an	agar, East	ern Express I	Highway							
				_	ai – 400079								
				•		l: abhiiit.ka	ına	ase@godrejinds.com					
Name of Site				dustries L				8					
Traine of Site		_											
Description of Comple	Ambernath Plant. Dist-Thane  workplace												
Description of Sample Location of Sampling	- 1:	Workplace Fatty acid -Ground floor											
Date of Sampling	:	04/10/			<u> </u>								
Sampling Time		1:45 to			Duration		:	30 min.					
Sampling Time Sample Drawn By		AESPL	2.1	J III .	Transported		<u>.                                    </u>	AESPL					
Date of Sample Receipt		05/10/	20.	23	Sample	ГБу	<u>.                                    </u>	A-23/10/07					
Sample Quantity &	- 1:				I-1NRD Cap.		•	11 23/10/07					
Date of Sample Analysis	<del>-                                     </del>												
Sampling Environmental			05/10/2023 to 07/10/2023 ns : Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.										
Transportation Conditio		-0110	:		ers in plastic o		·, ·	bai. / C I IIIIII B.					
Sampling Equipment			÷		ıme Sampler R								
Calibration Status					d on 31/12/20		30	/12/2023					
Project/ Job number			:		006419 DT. 09			, , , , ,					
Reference of Sampling			:		AB/QR/7.3.3/I								
Method of Sampling & Pr	eservat	ion	:		AB/SOP/7.3.1/								
<b>Environmental Condition</b>					Temperature:		H۱	umidity: 69%					
Parameter	Res	sult											
SPM, mg/m <sup>3</sup>	0.2	252				IS 5182 (Part 23) RA2017							
nMHC, ppm	0.	0.22 NA [OSHA (PEL)] APHA134-Air 3 <sup>rd</sup> Edition											

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Reshma S. Patil. (Authorized Signatory)



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#### **Test Report** (Workplace)

Ref: AESPL/LAB/C/V	VP-23/10	0/08			<b>Issue Date:</b> 09/10/2023								
Name of Customer &	:	God	drej In	ıdι	ıstries L	td							
Contact Details		Piro	ojshar	าลย	gar, East	ern Express l	Highway						
			-	-	•	ai – 400079	0 1						
					•		il: abhiiit.k	an	ase@godrejinds.com				
Name of Site					istries L		wellijivil	-	use o gourejmusteem				
Nume of Site	•		,										
Description of Comple			Ambernath Plant. Dist-Thane Workplace										
Description of Sample	:												
Location of Sampling	<u>:</u>		ler hou										
Date of Sampling	- :		$\frac{10}{20}$			ъ			00.				
Sampling Time	<u> </u>		00 to 1	LZ:.	30 hr.	Duration		:	30 min.				
Sample Drawn By		AES				Transported	d By	:	AESPL				
Date of Sample Receipt	:		10/20			Sample		:	A-23/10/08				
Sample Quantity &					•	И-1NRD Cap.							
Date of Sample Analysis			10/20	23	to 07/1								
Sampling Environmenta	al Condit	ions		: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition	on			:	Filter p	apers in plasti	c containe	r					
Sampling Equipment				:	High Vo	olume Sampler	RDS-I-09						
Calibration Status				•	Calibra	ted on 31/12/	2022 due d	on	30/12/2023				
Project/ Job number				••	PO#252	27006419 DT.	09.05.202	3					
Reference of Sampling				••	AESPL/	LAB/QR/7.3.3	3/R-02						
Method of Sampling & P	reserva	tion		••	AESPL/	LAB/SOP/7.3	.1/WP-01						
<b>Environmental Condition</b>	n while	nile Testing : Ambient Temperature: 27.6°C and Humidity: 69%											
Parameter	Resu	lt			Limits a	s per	Method	of	sampling & analysis				
SO <sub>2</sub> , mg/m <sup>3</sup>	0.022	2	13 mg	g/r	n³ [OSHA	(PEL)]	IS 5182 (	Pai	rt 2) RA 2017				
SPM, mg/m <sup>3</sup>	0.203	.203 15 mg/m <sup>3</sup> [OSHA (PEL)] IS 5182 (Part 23) RA 2017											

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### <u>Test Report</u> (Ambient Air)

	of Customer & Contact : Godrej Industries Ltd.											
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	, Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase Ø7	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com	
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
	ie & Group	:	Chemica									
	ion of Sample	:	Ambien			•						
	of Sampling	:	Near Ma									
Date of S	ampling	:	01/11/2	202	23 to	02/11	/2023	3				
Sampling	g Time	:	10:00 to	10	0:00	hr.	Dur	ation			24 Hr.	
Sample I	Drawn By	:	AESPL				Tra	nsported By	7	••	AESPL	
Date of S	ample Receipt	:	02/11/2023 <b>Sample Identification</b> : A-23/11/02									
Sample (	Quantity & Container	:										
	Sample Analysis		03/11/2	202								
	g Environmental Condi	tio										
Transpo	rtation Condition	: Bottles < Filter papers in Bladders, charcoal tube										
		5°C plastic container at ambient temp.										
	g Equipment			:		S-I-06 &						
	ion Status			:				31/12/2022		0/	12/2023	
	Job number			:				<u> 19 DT. 11.05.</u>				
	ce of Sampling			:				R/7.3.3/R-02				
	of Sampling & Preserva			:				P/7.3.1/A-0				
	mental Condition while	Te		<u> </u>				27°C, RH: 35		_		
Sr. No.	Parameter		Res			Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		41.4			80		μg/m³			art 2) RA2017	
2.	Nitrogen dioxide as NO	2	51.3			80		μg/m <sup>3</sup>			art 6) RA2022	
3.	PM <sub>10</sub>	_	151.		_	100		μg/m <sup>3</sup>		_	art 23) RA2022	
4.	PM <sub>2.5</sub>		64.5			60		μg/m <sup>3</sup>			art 24) 2019	
5.	Carbon monoxide as CO	)	0.9		_	04 '		mg/m <sup>3</sup>			art 11) RA2019	
6.	Ozone as O <sub>3</sub>		24.5			180		μg/m <sup>3</sup>			art 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		45.3		_	400		μg/m³			art 25) RA 2018	
8.	Benzo(a)pyrene as BaF	,	< 0			01*		ng/m³			art 12) 2004	
9.	Lead as Pb	_	< 0			1.0		μg/m <sup>3</sup>	APHA Air method 822-3r			
11.	Nickel as Ni	_	< 5			20 *		ng/m <sup>3</sup>			method 822-3rdEd	
11.	Arsenic as As	_	< 5		11 **			ng/m³			method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	! (p	art 11) RA2022	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

**Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except  $PM_{10}$  &  $PM_{2.5}$  are within the levels stipulated under National Ambient Air Quality Standards 2011.

#### Note:

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- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



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Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### <u>Test Report</u> (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-23/11/03 **Issue Date**: 11/11/2023

	TON TIEST E/ EITE/ G/ IT E	_								-/			
Name of	Customer & Contact												
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400119.		
			Mr. Abh	ijit	Kana	ase ②77	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com		
Name of	Site	:	Godrej I	nd	ustri	es Ltd. A	Amb	ernath Plant	Dist-Tha	ne			
	ne & Group	:	Chemica										
	ion of Sample	:	Ambien										
	of Sampling	:	Near ET		-								
	Sampling	:	01/11/2		23 to	02/11/	<sup>'</sup> 202:	3					
Samplin	g Time	:	10:50 to	10	):50	hr.	Dur	ation		:	24 Hr.		
	Drawn By	:	AESPL				Tra	nsported By	7	:	AESPL		
Date of S	Sample Receipt	:	02/11/2	202	23		Sam	ıple Identifi	cation		A-23/11/03		
	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(						:1,Charcoal tube-1		
	Sample Analysis	:	03/11/2	202	23 to	10/11/	<sup>2023</sup>	3					
Samplin	g Environmental Condi	<u>tio</u>	ns	:	Ter	nperatu	ıre:2	7-33°C; Rain	fall: No;	$P_{ba}$	<sub>ar</sub> : 754 mmHg.		
											ers, charcoal tube		
					5°C	1	pl	astic contair	ner at a	ıml	pient temp.		
Samplin	g Equipment			:	RD	S-I-07 &	FDS	S-I-07					
Calibrati	ion Status			:	Cal	ibration	on 3	31/12/2022	due on 3	80/	12/2023		
Project/	Job number			:	PO	#25270	1141	19 DT. 11.05.	.2023				
Reference	ce of Sampling			:	AES	SPL/LAI	B/QF	R/7.3.3/R-02					
Method	of Sampling & Preserva	tio	n	:				P/7.3.1/A-0					
Environ	<u>mental Condition while</u>	Te	esting	:	Ter	nperatu	ıre:	27°C, RH: 35	%				
Sr. No.	Parameter		Res	ult		Limit		Unit	Metho	d o	f Analysis		
1.	Sulphur dioxide as SO <sub>2</sub>		34.5	53		80,		μg/m³			art 2) RA2017		
2.	Nitrogen dioxide as NO	2	42.5			80,		μg/m³	IS 5182	? (P	art 6) RA2022		
3.	PM <sub>10</sub>		122.	13		100		μg/m³	IS 5182	? (P	art 23) RA2022		
4.	PM <sub>2.5</sub>		50.4			60 3		μg/m³	IS 5182	? (P	art 24) 2019		
5.	Carbon monoxide as Co	)	0.7			04 *		mg/m <sup>3</sup>		_	art 11) RA2019		
6.	Ozone as O <sub>3</sub>		19.5			180 3		μg/m³	IS 5182	? (p	art 9) RA2019		
7.	Ammonia as NH <sub>3</sub>		37.9			400		μg/m³			art 25) RA 2018		
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³			art 12) 2004		
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed		
11.	Nickel as Ni			5.0		20 **		ng/m³	APHA Air method 822-3 <sup>r</sup>				
11.	Arsenic as As			< 5.0		11 **		ng/m³			method 302-3 <sup>rd</sup> Ed		
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	$S C_6 H_6$				05 **	**	μg/m³	IS 5182	2 (p	art 11) RA2022		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

**Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except  $PM_{10}$  are within the levels stipulated under National Ambient Air Quality Standards 2011.

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### <u>Test Report</u> (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-23/11/04 **Issue Date**: 11/11/2023

	W. ALSI L/LAD/C/ A-23							1004	c Duter 1	-/	11/2023
	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase 🔗 7	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej l	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ie & Group	:	Chemica	al: 1	Atmo	spheric	Poll	ution			
Descript	ion of Sample	:	Ambien	t A	ir						
Location	of Sampling	:	Near Ma	atei	rial G	ate					
Date of S	ampling	:	01/11/2	202	23 to	02/11/	2023	3			
Sampling	g Time	:	10:15 to	10	0:15	hr.	Dur	ation		:	24 Hr.
Sample I	Orawn By	:	AESPL				Tra	nsported By	7	:	AESPL
Date of S	ample Receipt	:	02/11/2023   <b>Sample Identification</b>   :   A-23/11/								A-23/11/04
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo						5-1;Blad	dei	r:1,Charcoal tube-1
	ample Analysis	:	03/11/2	202	23 to	10/11/	202	3			
	g Environmental Condi	<u>tio</u>									
Transpo	ransportation Condition : Bottles < Filter papers in Bladders, charcoal tube										
					5°C			astic contain	ner at a	ml	pient temp.
Sampling	g Equipment			:	RD	S-I-10 &	FDS	5-I-01			
Calibrati	on Status			:	Cal	ibration	on 3	31/12/2022	due on 3	0/	12/2023
	Job number			:	PO	#25270	1141	19 DT. 11.05.	.2023		
	ce of Sampling			:	AES	SPL/LA	B/QF	R/7.3.3/R-02	1		
	of Sampling & Preserva			:				P/7.3.1/A-0			
	mental Condition while	Te		:				27°C, RH: 35			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		44.3			80 3		μg/m³		_	Part 2) RA2017
2.	Nitrogen dioxide as NO	2	56.9			80 3		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		130.			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		55.0			60 3		μg/m³			Part 24) 2019
5.	Carbon monoxide as Co	)	0.9			04 *		mg/m <sup>3</sup>		_	art 11) RA2019
6.	Ozone as O <sub>3</sub>		28.4			180		μg/m³			art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		50.			400		μg/m³			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 *:		ng/m³		_	oart 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3rdEd
11.	Nickel as Ni			5.0		20 **		ng/m³			method 822-3rdEd
11.	Arsenic as As			< 5.0		11 *		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	< 0.2		05 **	**	μg/m³	IS 5182	? (p	oart 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

**Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except  $PM_{10}$  are within the levels stipulated under National Ambient Air Quality Standards 2011.

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### <u>Test Report</u> (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-23/11/05 **Issue Date**: 11/11/2023

	No AESI E/ LAD/ C/ A-23							1004	c Duter 1	-/	11/2023
	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expi	ress Highway	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase 🔗 7	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ie & Group	:	Chemica	al: 1	Atmo	spherio	Poll	ution			
Descript	ion of Sample	:	Ambien	t A	ir						
Location	of Sampling	:	AOS Pla	nt							
Date of S	ampling	:	01/11/2	202	23 to	02/11/	/2023	3			
Sampling	g Time	:	10:30 to	10	0:30	hr.		ation		:	24 Hr.
Sample I	Orawn By	:	AESPL					nsported By			AESPL
Date of S	ample Receipt	:	02/11/2023   Sample Identification  : A-23/1								
Sample (	Quantity & Container	:		ottl	e; N(	Dx:1 Bo	ttle; l	PM <sub>11</sub> -1;PM2.	5-1;Blad	deı	r:1,Charcoal tube-1
	ample Analysis	:	03/11/2	202	23 to	10/11/	<u>/202:</u>	3			
	g Environmental Condi										
Transpo	Transportation Condition       : Bottles        Filter papers in       Bladders, charcoal tube										-
					5°C			astic contain	ier   at a	ıml	pient temp.
	g Equipment			:		S-I-02 8					
	ion Status			:				31/12/2022		80/	12/2023
	Job number			:				<u> 11.05. 19 DT. 11.05</u>			
	ce of Sampling			:				R/7.3.3/R-02			
	of Sampling & Preserva			:				P/7.3.1/A-0			
	mental Condition while	Te		:				27°C, RH: 35			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		37.4			80		μg/m³		_	art 2) RA2017
2.	Nitrogen dioxide as NO	2	60.3			80		μg/m³		_	art 6) RA2022
3.	PM <sub>10</sub>		141.			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		69.1			60		μg/m³			art 24) 2019
5.	Carbon monoxide as Co	)	0.8			04 *		mg/m <sup>3</sup>		_	art 11) RA2019
6.	Ozone as O <sub>3</sub>		22.5			180		μg/m³			art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		54.3			400		μg/m³			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	,	< 0		_	01 **		ng/m³		_	oart 12) 2004
9.	Lead as Pb		< 0		_	1.0		μg/m <sup>3</sup>			method 822-3rdEd
11.	Nickel as Ni			5.0		20 **		ng/m³			method 822-3rdEd
11.	Arsenic as As			< 5.0		11 *		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	< 0.2		05 *	**	μg/m³	IS 5182	? (p	art 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

**Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except  $PM_{10}$  &  $PM_{2.5}$  are within the levels stipulated under National Ambient Air Quality Standards 2011.

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Page 1 of 1

#### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-23/11/03 **Issue Date:** 06/11/2023

	e of Customer &	-					, ,			
	et Details	•	Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079							
Conta	ict Details		Mr. Abhijit Kanase. 770982586Email: <u>abhijit.kanase@godrejinds.com</u>							
	4.5									
	e of Site	:	·	Godrej Industries Ltd Ambernath Plant Dist-Thane						
	pline & Group	:	Chemical: Atmospheri	<u>ic Pollutio</u>	n					
	ription of Sample	:	Ambient Noise							
	ion Details	:	Inside factory	T						
	of Sampling	:	01/11/2023		of Sampling	:	Spot			
	& End Time of	:	12.00 Hr 12.30Hr.		End Time of	:	22.00 Hr22.30Hr.			
Samp	ling (Daytime)			Samplin	g (Nighttime)					
Monit	tored By	:	AESPL	Transpo	orted By	:	AESPL			
Date	of Data Receipt	:	02/11/2023	Sample	Identification	:	N-23/11/03			
Envir	onmental Condition	:	Climate:Semi Cloudy		<b>Ambient Ten</b>	np:	27°C to 32°C			
Trans	sportation	:	Noise Data sheet is ke	ept in fold	ler and safely tr	an	sported to laboratory			
Condi	ition		along with Noise meter	er.	-					
Samp	ling Equipment	:	Noise meter - Centre (	C-390 SL-I	-09					
	ration Status	:	Calibrated on 21/02/2	2023; calil	oration due on 2	20/	02/2024			
Proje	ct/Job Number	:	PO#2527006419 DT.	09.05.202	3					
Rafar	Reference of Sampling : AESPL/LAB/QR/7.3.3/R-02									
ICICI	chee of Samping		4 - 11	/ N-U2						
	od of Sampling	:	IS 9989 RA:2020	/ K-U2						
	od of Sampling	:	, , , ,		oise Day Time		Noise Nighttime			
Meth	od of Sampling	:	IS 9989 RA:2020		oise Day Time dB(A)		Noise Nighttime dB(A)			
Metho Sr. No.	od of Sampling	:	IS 9989 RA:2020							
Metho Sr. No. 1.	od of Sampling L	:	IS 9989 RA:2020		dB(A)		dB(A)			
Metho Sr. No.	od of Sampling L Near ETP	:	IS 9989 RA:2020		<b>dB(A)</b> 69.2		<b>dB(A)</b> 65.0			
Metho Sr. No. 1. 2. 3. 4.	od of Sampling L Near ETP FAD Plant	: oca	IS 9989 RA:2020 ation		<b>dB(A)</b> 69.2 66.7		<b>dB(A)</b> 65.0 62.9			
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0		dB(A) 65.0 62.9 61.8 66.8 65.0			
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2			
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2			
Methodology   Sr. No.   1.   2.   3.   4.   5.   6.   7.   8.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5			
Methodology   Sr. No.   1.   2.   3.   4.   5.   6.   7.   8.   9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0			
Methods   Sr. No.   1.   2.   3.   4.   5.   6.   7.   8.   9.   10.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3			
Methors   Sr. No.   1.   2.   3.   4.   5.   6.   7.   8.   9.   10.   11.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6			
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6 60.5			
Methors   Sr.   No.   1.   2.   3.   4.   5.   6.   7.   8.   9.   10.   11.   12.   13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8 62.7 65.3		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6 60.5 62.6			
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8 62.7 65.3 67.0		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6 60.5 62.6 60.2			
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate Flaker's section	: oca	IS 9989 RA:2020 ation		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8 62.7 65.3 67.0 62.9		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6 60.5 62.6 60.2 60.8			
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	Pla	IS 9989 RA:2020 ation  nt		dB(A) 69.2 66.7 67.2 68.9 67.0 59.0 58.5 62.9 61.5 60.0 59.8 62.7 65.3 67.0		dB(A) 65.0 62.9 61.8 66.8 65.0 58.2 57.2 58.5 58.0 59.3 57.6 60.5 62.6 60.2			

**Conformity Statement**: Noise Levels at all the locations are found to be below the stipulated limits. **Note:** 

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- 4. Decision Rule is applied.



Anjan Pramanik. (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/11/02			<b>Issue Date:</b> 09/11/2023			
Name of Customer & Contact Details	:	: Godrej Industries Ltd.				
			igar, Eastern Express H	Iighway Vikroli		
			ai – 400119.			
		•	: Kanase;			
			anase@godrejinds.com			
Name of Site	:		ustries Ltd.			
			h Plant Dist-Thane			
Discipline & Group	:		Atmospheric Pollution			
Description of sample	:	Stack Emis	ssion			
Sample Identification number	:	ST- 23/11/				
Sample Quantity	:	SO <sub>2</sub> :1Bottle	e; NOx:1 Bottle.			
Date & Time of sampling	:		23, 12:00-12:50 hr.			
Sampling Environmental Conditions	:		C; Rain fall: No; P <sub>bar</sub> : 75			
Transportation Condition			< Thimbles in	Bladders at		
		5°C	plastic container	ambient temp.		
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	03/11/202				
Date of sample analysis	:	: 03/11/2023 to 07/11/2023				
Sampling Equipment Used	:	ST-I-02				
<b>Calibration status</b>	:	: 25/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LA	B/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LA	B/SOP/7.3.1/ST-01			
Environmental Condition while Testing	:	Temperatu	ure: 27°C; RH-35%			
A. General Information About Stack:						
Stack Connected to		:	AOS Scrubber-proces	s stack		
Emission due to		:	Process Activity			
Material of construction of stack		:	MS			
Shape of stack		:	Circular			
Whether stack is provided with permanent platfo	rm		Yes			
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		:	30			
Height of sampling point from ground level (m)			0.6			
	Diameter of Stack at sampling point (m)					
Area of stack (m²)			0.283			
C. Analysis/ Characteristic of Stack:						
Fuel used		:				
Fuel consumption	. 1	:	C 11 FCD			
Details of pollution control devices attached with	the	e stack:  :	Scrubber + ESP			



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Issue Date: 09/11/2023

### Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-23/11/02

ICI.	Ref. No.: AESI E/ EAD/ C/SI- 25/11/02									
D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	31		°C	IS-11255, (part- 1) 2019					
2.	Gas velocity	2.64		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	2527		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022					
7.	Acid mist	12.26	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note

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- 4. Decision Rule is applied.





Testing Laboratory is certified by ISO 9001:2015 ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132111 UDYAM-MH-19-0029787

#### **Test Report** (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST-23/11/02 **Issue Date:** 11/11/2023

	AESFL/LAD/C/ 31-23/11/02 Issue Date. 11/11/2023								
Name of	f Customer & Contact Detai	IS	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit					
				Kanase. ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of	f Site		:				nbernath Plant Dist-Thane		
Discipli	ne & Group		:	Chemical: Atm	ospł	eric P	Pollution		
	tion of sample		:	Stack Emission	1				
Sample	Identification number		:	ST- 23/11/02					
Sample	Quantity		:	SO <sub>3</sub> :1Bottle; SO	) <sub>2</sub> :1F	ottle.			
Date & '	Time of sampling		:	01/11/2023, 1	0:00	-11:0	0 hr.		
Samplin	ng Environmental Condition	ns	:	Temp.:32°C; R	ain f	all: No	; P <sub>bar</sub> : 753 mmHg.		
Transpo	ortation Condition		:	Bottles < 5°C					
Sample	Monitored & Transported	by	:	AESPL					
Date of	sample receipt		:	04/11/2023					
Date of	sample analysis		:	04/11/2023 to	o 08,	11/2	023		
Samplin	ng Equipment used & Calibi	ration	:	ST-I-02; Calibr	atio	on 2	5/05/2023 to 25/05/2024		
Project,	/ Job number		:	PO#25270114	19 E	T. 11.	05.2023		
Referen	ice of sampling		:	AESPL/LAB/QR/7.3.3/R-02					
Method	of sampling & preservation	n	:	AESPL/LAB/SOP/7.3.1/ST-01					
Environ	mental Condition while Te	sting	: Temperature: 27°C; RH-35%						
A. Gene	eral Information About Stac	:k:							
Stack Co	onnected to					AO	S Scrubber-process stack		
Emission						Process Activity			
	of construction of stack								
Shape of							Circular		
	r stack is provided with perm		ıtf	orm		Yes			
	ical Characteristics of Stack								
	of stack from ground level (m)		Ĺ			30			
	of sampling point from ground		)			_			
	er of Stack at sampling point (	m)			-				
	stack (m²)					0.2	83		
	vsis/ Characteristic of Stack	<b>(:</b>							
	ed & Consumption	tached vir	;+1	the stade			ubbor - ESD		
	of pollution control devices at								
SL. No.	It of Sampling & Analysis of Parameter	Result	E	MPCB. Limits	T	nit	Method of analysis		
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND				/Nm <sup>3</sup>			
2.	Sulphur Dioxide (as SO <sub>2</sub> )	2.00		50		pm	IS-11255, (part-2) 2019		
4.	Julphur Dioxide (as 302)	2.00		50	Р	hm	10 11200, (part-2) 2019		

ND=Not detected. Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent. Note:

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- Decision Rule is applied.



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#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



 $TC_{-}7085$ 

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/11/03 **Issue Date:** 09/11/2023

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/11/03	<b>Issue Date:</b> 09/11/2023					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli (E				
		Mumbai – 400119. Mr. Abhijit Kanase;				
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 23/11/11				
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.				
Date & Time of sampling	:	01/11/2023, 13:45-14:09 hr.				
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.				
Transportation Condition	:	Bottles < 5°C Thimbles in plastic container Bladders at ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	03/11/2023				
Date of sample analysis	:	03/11/2023 to 07/11/2023				
Sampling Equipment Used	:	ST-I-01				
<b>Calibration status</b>	:	14/01/2023 to 14/01/2024				
Project/ Job number	:	: P0#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-35%				
A. General Information About Stack:						
Stack Connected to		: Spray drier				
Emission due to		: Process Activity				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tfo	rm : Yes				
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		: 28.75				
Height of sampling point from ground level (m	:					
Diameter of Stack at sampling point (m)	: 0.66					
Area of stack (m²)	: 0.342					
C. Analysis/ Characteristic of Stack:						
Fuel used		:				
Fuel consumption	:41-	the Cyclere - Deg filter				
Details of pollution control devices attached w	ıtn '	the : Cyclone + Bag filter				
stack:						



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/11/03 **Issue Date:** 09/11/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:								
SL.	Parameter	Result	MPCB.	Unit	Method of analysis				
No.			Limits						
1.	Gas Temperature	72		°C	IS-11255, (part- 1,3) 2018-19				
2.	Gas velocity	10.34		m/s	IS-11255, (part- 1,3) 2018-19				
3.	Gas flow rate	10591		Nm³/hr.	IS-11255, (part- 1,3) 2018-19				
4.	Particulate Matter	43.76	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19				

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 4. Decision Rule is applied.



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



 $TC_{-}7085$ 

#### <u>Test Report</u> (Stack Emission)

Name of Customer & Contact Details : Godrej In					
:	Godrej Industries Ltd.				
	Pirojshanagar, Eastern Express Highway Vikroli (E)				
	Mumbai – 400119. Mr. Abhijit Kanase;				
	⊘7711825	58	6 ⊠ <u>abhijit.kanase@god</u>	<u>lrejinds.com</u>	
:	Godrej Ind	dus	tries Ltd.		
:	Chemical:	At	mospheric Pollution		
:					
:	ST- 23/11	/0	4		
:	SO <sub>2</sub> :1Bottl	le;	NOx:1 Bottle; Thimble-	1.	
	01/11/20	23	, 15:00 to 15:28 hr.		
	Temp.:32°	C;	Rain fall: No; Pbar: 753	mmHg.	
:	Rottles < 5	oر.	Thimbles in	Bladders at	
	Dotties < 3	) C	plastic container	ambient temp.	
:	AESPL				
:	05/11/2023				
:	05/11/20	23	to 11/11/2023		
:	ST-I-01				
:	14/01/20	23	to 14/01/2024		
:	PO#25270	)11	1419 DT. 11.05.2023		
:	AESPL/LA	B/	'QR/7.3.3/R-02		
:	AESPL/LA	B/	SOP/7.3.1/ST-01		
:	Temperat	ure	e: 27°C; RH-35%		
		:	Hot Air Generator		
		:	Process Activity		
		:	MS		
		:	Circular		
tfo	rm	:	Yes		
		:	28.75		
Height of sampling point from ground level (m)					
Diameter of Stack at sampling point (m)  Area of stack (m <sup>2</sup> )					
: 0.071					
		:			
		:			
ith	the stack:	:	Cyclone + Bag filter		
	: : : : : : : : : : : : : : : : : : :	Pirojshana Mumbai -	Pirojshanaga Mumbai - 40	Pirojshanagar, Eastern Express High Mumbai – 400119. Mr. Abhijit Kana	



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/11/04 **Issue Date:** 09/11/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	172		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	6.90		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	1142	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	51.67	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	38.71	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.06	64	Kg/day	IS-11255, (part-2) 2019					
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	63.94		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 4. Decision Rule is applied.





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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/11/05 **Issue Date:** 09/11/2023

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/11/05	Issue Date: 09/11/2023						
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
		Pirojshanagar, Eastern Express Highway Vikroli					
		(E), Mumbai – 400119. Mr. Abhijit Kanase.					
		⊘771182586 ⊠abhijit.kanase@godrejinds.com					
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Than					
Discipline & Group	:	Chemical: Atmospheric Pollution					
<b>Description of sample</b>	:	Stack Emission					
Sample Identification number	:	ST- 23/11/05					
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.					
Date & Time of sampling	:	02/11/2023, 09:00-09:20 hr.					
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.					
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at					
		plastic container   ambient tem					
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	03/11/2023					
Date of sample analysis	:	03/11/2023 to 07/11/2023					
Sampling Equipment Used	:	ST-I-01					
<b>Calibration status</b>	:	14/01/2023 to 14/01/2024					
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	: AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	: AESPL/LAB/SOP/7.3.1/ST-01					
<b>Environmental Condition while Testing</b>	Ŀ	Temperature: 27°C; RH-35%					
A. General Information About Stack:							
Stack Connected to		: Boiler 16043(HP) & 14335 (MP)					
Emission due to		: Combustion of NG & Mixed oil (16043					
W. I. I. G. I. I. G. I.		HP & 14335 MP-Boiler)					
Material of construction of stack		: MS					
Shape of stack	. C	: Circular					
Whether stack is provided with permanent pla	tto	rm : Yes					
B. Physical Characteristics of Stack:		1. 146					
Height of stack from ground level (m)	`	: 46					
Height of sampling point from ground level (m	)	:					
Diameter of Stack at sampling point (m)	: 0.85						
Area of stack (m²)  C. Analysis/ Characteristic of Stack:		: 0.568					
Fuel used		: NG + Mixed oil					
Fuel consumption		: 72 Sm <sup>3</sup> /hr. + 1965 kg/hr.					
Details of pollution control devices attached w	ith	, Si					
stack:	1111	. Stack					
Julia							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/11/05 **Issue Date:** 09/11/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:								
SL.	Parameter	Result	MPCB.	Unit	Method of analysis				
No.			Limits						
1.	Gas Temperature	159	-	°C	IS-11255, (part- 1,3) 2018-19				
2.	Gas velocity	5.12		m/s	IS-11255, (part- 1,3) 2018-19				
3.	Gas flow rate	6986	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19				
4.	Particulate Matter	42.11	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19				
5.	Sulphur Dioxide (as SO <sub>2</sub> )	42.11	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019				
6.	Sulphur Dioxide (as SO <sub>2</sub> )	7.06	293	Kg/day	IS-11255, (part-2) 2019				
7.	Nitrogen Oxide (as NO <sub>2</sub> )	33.29		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017				

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



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TC-7115

#### <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/11/06				Issue Date: 09/11/2023			
Name of Customer & Contact Details	:	: Godrej Industries Ltd.					
				nagar, Eastern Express Highway Vikroli			
		(E), Mumbai – 400119. Mr. Abhijit Kanase					
		<b>⊘771</b>	182	2586 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godre	j In	ndustries Ltd. Ambernath Plant Dist-Than			
Discipline & Group	:	Chemi	cal	l: Atmospheric Pollution			
Description of sample	:	Stack	Em	nission			
Sample Identification number	:	ST- 23	•	<u> </u>			
Sample Quantity	:	SO <sub>2</sub> :1E	3ot1	tle; NOx:1 Bottle; Thimble-1.			
Date & Time of sampling		02/11	/20	023, 10:00-10:34 hr.			
Sampling Environmental Conditions	:	Temp.	:32	2°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:			Thimbles in Bladders at			
		Bottle	s <	1			
Sample Monitored & Transported by	1:	AESPL		temp.			
Date of sample receipt	:			023			
Date of sample receipt	+	: 03/11/2023 : 03/11/2023 to 07/11/2023					
Sampling Equipment Used	:	OT 7 0 1					
Calibration status	:	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
	H:		•				
Project/ Job number Reference of sampling	H	: P0#2527011419 DT. 11.05.2023					
Method of sampling & preservation	÷	: AESPL/LAB/QR/7.3.3/R-02 : AESPL/LAB/SOP/7.3.1/ST-01					
Environmental Condition while Testing	÷			nture: 27°C; RH-35%			
A. General Information About Stack:	ŀ	Tempe	era	iture. 27 C, Kii-3370			
Stack Connected to			١.	Boiler LP 15928 & 15926			
Emission due to	-		:	Combustion of Briquette at LP 15926			
Emission due to				boiler			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m	)		:				
Diameter of Stack at sampling point (m)			:	1.2			
Area of stack (m <sup>2</sup> )			:	1.131			
C. Analysis/ Characteristic of Stack:							
Fuel used			:	Solid Briquette			
Fuel consumption			:	1			
Details of pollution control devices attached w	ith	the	:	Scrubber, Stack			
stack:							



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

**Issue Date:** 09/11/2023

#### <u>Test Report</u> (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-23/11/06

	10011 1011 11201 2   2112   0   0   1   1   1   1   1   1   1   1									
D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	119		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	4.80		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	14297		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	56.52	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	35.35		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	12.13	260	Kg/day	IS-11255, (part-2) 2019					
7.	Nitrogen Oxide (as NO <sub>2</sub> )	57.11		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

## Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/11/0/				issue Date	. 02/	11/2023		
Name of Customer & Contact Details	:	Godrej II	ndu	ries Ltd.				
	Pirojshanagar, Eastern Express Highway Vikroli (E),							
	– 400119. Mr. Abhijit Kanase.							
	8258 ⊠ <u>abhijit.kanase@godrejinds.com</u>							
Name of Site	:	Godrej II	ndu	ries Ltd. Amberna	th Pl	lant Dist-Thane		
Discipline & Group	:	Chemica	l: A	nospheric Pollutio	n			
Description of sample	:	Stack En	iiss	n				
Sample Identification number	:	ST- 23/1	1/					
Sample Quantity	:	SO <sub>2</sub> :1Bot	ttle	Ox:1 Bottle; Thim	ble-	1.		
Date & Time of sampling	:	02/11/2	02	11:30-11:58 hr.				
Sampling Environmental Conditions	:	Temp.:3	3°C	Rain fall: No; P <sub>bar</sub> : 7	<sup>7</sup> 54 r	nmHg.		
Transportation Condition	:	Bottles <	, <u>C</u> o	Thimbles in		Bladders at		
			· J	plastic contain	er	ambient temp.		
Sample Monitored & Transported by	:	AESPL						
Date of sample receipt	:	03/11/2						
Date of sample analysis	:	· · · · · · · · · · · · · · · · · · ·	02	o 07/11/2023				
Sampling Equipment Used	:	ST-I-01	· · · · · · ·					
<b>Calibration status</b>	:	14/01/2	02	o 14/01/2024				
Project/ Job number	:	PO#252	701	419 DT. 11.05.202	3			
Reference of sampling	:	AESPL/I	AB	(R/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/I	AESPL/LAB/SOP/7.3.1/ST-01					
<b>Environmental Condition while Testing</b>		Tempera	Геmperature: 27°С; RH-35%					
A. General Information About Stack:								
Stack Connected to			:	hermic Fluid Hea	ater/	Thermo		
				yphon heater FAI	P-2	TS-04 & TS-06		
Emission due to			:	ombustion of NG	(TS-	04 & TS-06)		
Material of construction of stack			:	1S				
Shape of stack			:	ircular				
Whether stack is provided with permanent pla	tfo	rm	:	es				
B. Physical Characteristics of Stack:								
Height of stack from ground level (m)	_		:	8				
Height of sampling point from ground level (m		:						
Diameter of Stack at sampling point (m)	:	.35						
Area of stack (m²)		:	.096					
C. Analysis/ Characteristic of Stack:			I.C.					
Fuel used		:	G Core 2 (loss					
Fuel consumption	ماعد	th a	:	0 Sm <sup>3</sup> /hr.				
Details of pollution control devices attached w	ıtn	uie	:	tack				
stack:								



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

## Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/11/07 **Issue Date:** 09/11/2023

D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	169		°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	6.49		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	1465		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	13.14	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	8.55		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.30	125	Kg/day	IS-11255, (part-2) 2019
7.	Nitrogen Oxide (as NO <sub>2</sub> )	95.81		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

#### Test Report (Stack Emission)

Kel. No.: AESPL/LAD/C/ 31-23/11/00		188ue Date: 11/11/2025						
Name of Customer & Contact Details	:	Godrej Industries Ltd.						
		Pirojshanagar, Eastern Express Highway Vikroli						
		(E), Mumbai – 400119. Mr. Abhijit Kanase.						
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane						
Discipline & Group	:	Chemical: Atmospheric Pollution						
Description of sample	:	Stack Emission						
Sample Identification number	:	ST- 23/11/08						
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NOx:1 Bottle; Thimble-1.						
Date & Time of sampling	:	02/11/2023, 13:00-13:32 hr.						
Sampling Environmental Conditions	:	Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.						
Transportation Condition		Bottles < 5°C Thimbles in Bladders at						
	_	plastic container   ambient temp.						
Sample Monitored & Transported by	:	AESPL						
Date of sample receipt	:	03/11/2023						
Date of sample analysis	:	03/11/2023 to 07/11/2023						
Sampling Equipment Used	:	ST-I-01						
<b>Calibration status</b>	:	14/01/2023 to 14/01/2024						
Project/ Job number	:	PO#2527011419 DT. 11.05.2023						
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02						
Method of sampling & preservation		AESPL/LAB/SOP/7.3.1/ST-01						
<b>Environmental Condition while Testing</b>	:	emperature: 27°C; RH-35%						
A. General Information About Stack:								
Stack Connected to		: Thermic Fluid Heater/Thermo						
		Syphon heater TP15/TS10						
Emission due to		: Combustion of NG (TS-15)						
Material of construction of stack		: MS						
Shape of stack		: Circular						
Whether stack is provided with permanent pla	itfo	rm : Yes						
B. Physical Characteristics of Stack:								
Height of stack from ground level (m)	: 38							
Height of sampling point from ground level (m	:							
Diameter of Stack at sampling point (m)		: 0.60						
Area of stack (m²)  C. Analysis/ Characteristic of Stack:	: 0.283							
	Fuel used							
Fuel consumption (Sm <sup>3</sup> /hr.)	: NG : 1035							
Details of pollution control devices attached w	ith							
Details of politicing control devices attached w	1111	uic stack.   .   Stack						



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TC-7115

## Test Report (Stack Emission)

D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	187		°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	6.10		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	3972		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	7.17	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	7.50		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.70	270	Kg/day	IS-11255, (part-2) 2019
7.	Nitrogen Oxide (as NO <sub>2</sub> )	84.00		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.





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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/11/11 **Issue Date:** 08/11/2023

	: AESPL/LAB/C/W-2	3/.					Issue Date: (	<u> </u>	/11/2023					
	f Customer&	:	Godrej In	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway										
Contact	Details		Pirojshan	aga	ar, Easter	n Express	Highway							
			Vikroli Ea	ıst,	Mumbai	- 400079								
			Mr. Abhijit	: Ka	nse 7709	82586,Emai	il: <u>abhijit.kan</u> ase	<u>e</u> @	godrejinds.com					
Name o	f Site	:	Godrej In	dus	stries Ltd									
			Amberna	th F	Plant. Dis	t-Thane								
Nature	of Sample	:	Effluent	Effluent Location of Sample : ETP Inlet										
	Sample Drawn	:	02/11/20	23			mple Drawn	:	10.45 am					
	Drawn By	:	AESPL			Transport		:	AESPL					
	Sample Receipt	:	02/11/20				entification	:	, ,					
_	Quantity &	:	,	stic	can; <b>F</b> -1li	t, Plastic cai	n & <b>B</b> -500 ml, Ai	mb	er colored Glass					
Contain			bottle	0.0	0644	10000								
	Sample Analysis	:	02/11/20	23 t			0700 41 5							
Enviror	nmental Conditions at	t Sit	te	:			: 27°C, Air Tem	pei	rature: 30°C,					
Т	ambabian Candibian					ding was cle		.: 41.	II CO 0					
1 ransp	ortation Condition			:			0 <sub>4</sub> , B: pH <2.0 w perature: < 6°C,							
Project	/ Job number			:			9 May 2023		ora storage.					
	nce of Sampling			•		LAB/QR/7.3								
	of Sampling & Prese	rva	tion			LAB/SOP/7.								
	nmental Condition wh						re: 30.2°C and I	Hu	midity: 57%					
Sr.No.	Parame	ter			Re	sult	Metho	d c	of analysis					
1.	рН @ 25°C				6	.85	APHA-2017(4	50	0H+-B)					
2.	Suspended Solids @ 1	103	°C, mg/l			72	APHA-2017(2	54	0-D)					
3.	Chemical Oxygen Den	nan	ıd, mg/l		34	490	APHA-2017(5	22	0-B)					
4.	Biochemical Oxygen I		nand		12	265	IS-3025 (Part	44	) RA2019					
	@ 27°C for 3 days, mg	_												
5.	Total Dissolved Solids	s @	180°C,			10	APHA-2017(2							
6.	Chloride as Cl-, mg/l					70	APHA-2017(4							
7.	Sulphate as SO <sub>4</sub> 2-, mg/					65	APHA-2017(4							
8.	Total Ammoniacal Nit	tro	gen as NH <sub>3</sub> ,		< 0.56 APHA-2017(45			50	$0NH_3$ -B&C)					
	mg/l													
9.	Anionic detergent as	MB	AS, mg/l			0.04	APHA-2017(5							
10.	Oil & Grease, mg/l				<	2.0	IS-3025 (Par	t 3	9) RA2019					

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

IVCI. IV	1 <b>0.:</b> AESPL/LAB/C/W-Z	<u>ی ر د</u>	11/14			133	ue Date: 0	10	/11/2023					
	e of Customer&													
Cont	act Details		Pirojshan	aga	ar, Easte	ern Express High	way							
			•	_		ii - 400079	3							
				fr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com										
Nam	e of Site	:		odrej Industries Ltd.										
		-	,	imbernath Plant. Dist-Thane										
Natu	re of Sample	:	Effluent	C11 1	iunt. D	Location of Sar	nnle	:	ETP - Outlet					
	of Sample Drawn	:	02/11/20	2.3		Time of Sample		<u>:</u>	10.30 am					
	ole Drawn By	:	AESPL			Transported B		÷						
	of Sample Receipt	:	02/11/20	23		Sample Identif		:						
	ole Quantity &	:			can: <b>F</b> -1	lit, Plastic can & B								
	ainer	-	bottle	, 010	0011, 1	110, 1 140010 0411 00 2	0001111,1111		or coror ou drass					
	of Sample Analysis	:	02/11/20	23 t	to 06/11	/2023								
	ronmental Conditions at	t si		:		Temperature: 26°	C, Air Temp	er	ature: 30°C,					
					Surrou	nding was clean.								
Tran	sportation Condition			:	A: pH <	2.0 with H <sub>2</sub> SO <sub>4</sub> , B	: pH <2.0 wi	ith	H <sub>2</sub> SO <sub>4</sub> &					
					F: < 6°	C Water Tempera	ture: < 6°C,	Co	old storage.					
Proje	ect/ Job number			:	25270	06419 dtd 09 M	ay 2023							
Refe	rence of Sampling			: AESPL/LAB/QR/7.3.3/R-02										
	od of Sampling & Prese			:	AESPL/LAB/SOP/7.3.1/W-01									
Envi	ronmental Condition wh	ile	Testing	: Ambient Temperature: 30.2°C and Humidity: 57%										
Sr.	Parameter with unit			F	Result	MPCB Consent	Meth	00	d of analysis					
No.						Limit								
1.	рН @ 25°C				7.28	6.0 to 8.5			(4500H+-B)					
2.	Suspended Solids @ 103	_			14	< 100	APHA-201							
3.	Chemical Oxygen Demar				70	< 250	APHA-201							
4.	Biochemical Oxygen Der	nar	ıd		24	< 100	IS-3025 (I	<b>7</b> _4	l4) RA2019					
	@ 27°C for 3 days, mg/l	1.0	100C /I		<b>500</b>	. 2100	ADII A 201		(2540.6)					
5.	Total Dissolved Solids @	16	80°C, mg/1		590 95	< 2100	APHA-201							
6.		aloride as Cl-, mg/l				< 600			(4500ClB)					
7. 8.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l	gor	ac NHa		75 < 0.56	< 1000 < 50			(4500SO <sub>4</sub> <sup>2-</sup> -E) (4500NH <sub>3</sub> -B&C)					
δ.	8. Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l				0.30	< 50	AFHA-201	L /	(42001AU3-D&C)					
9.	Anionic detergent as MB	AS	mø/l	<del> </del>	< 0.04	< 5	APHA-201	17	(5540-0)					
10.	Oil & Grease, mg/l	110	, 1115/1	+	< 2.0	< 10			39) RA2019					
- U.	5 & di 0400) iii5/ i					. 10	1 20 00 00 (1		· · , . · · · · · · · · · · · ·					

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/11/13 **Issue Date:** 08/11/2023

	AESPL/LAB/C/W-23/11												
	f Customer& Contact	:	Godrej Industries Ltd										
Details			Piro	jsh	anagar,	Eastern Expre	ess Highway						
			Vikr	oli	East, Mu	ımbai – 4000'	79						
			Mr.	Mr. Abhijit Kanse 770982586,Email:									
			<u>abhijit.kanase@godrejinds.com</u>										
Name of		:	: Godrej Industries Ltd.Ambernath Plant. Dist-Thane										
	of Sample	:	Efflu			Location of S		:	RO 1 Product				
	Sample Drawn	:			2023	Time of Sam	_	:	11.05 am				
	Drawn By	:	AES		2222	Transported		:	AESPL				
	Sample Receipt	:			2023	Sample Iden	tification	:	W- 23/11/13				
	Quantity & Container Sample Analysis	:			Plastic car								
	mental Conditions at site	ŀ	04/	. 1/		6/11/2023 emperature: 2	7°C Air Temr	ים	rature: 30°C				
LIIVII OII	intental conditions at site			•		iding was clear		Jei	ature. 30 C,				
Transpo	ortation Condition			:		Cemperature: <		ra	ge.				
	/ Job number			:		06419 dtd 09			8 -				
	ce of Sampling			:		LAB/QR/7.3.3							
Method	of Sampling & Preservation	n			AESPL/	LAB/SOP/7.3.2	1/W-01						
Environ	mental Condition while To	esti	ng	:	Ambien	t Temperature	: 30.2°C and I	Iu	midity: 57%				
Sr.No.	Parameter					Result			of analysis				
1.	pH @ 25°C					7.18	APHA-201	.7(	(4500H+-B)				
2.	Turbidity, NTU					< 2.0	APHA-201	7(	(2130-B)				
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-201	.7(	(2540-D)				
4.	Chemical Oxygen Deman	ıd,	mg/l			10	APHA-201	7(	(5220-B)				
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	90	APHA-201	7(	[2540-C]				
6.	Chloride as Cl-, mg/l					23	APHA-201	7(	(4500Cl <sup>-</sup> -B)				
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					48	APHA-201	.7(	(4500SO <sub>4</sub> <sup>2</sup> E)				
8.	Residual Chlorine, mg/l			0.56 APHA-2017(4500ClB)				(4500Cl <sup>-</sup> -B)					
9.	Hardness CaCO <sub>3</sub> , mg/l			58 APHA-2017(2340-C)			[2340-C)						
10.	Iron as Fe, mg/l			0.030 APHA-2017(3500Fe-B)			(3500Fe-B)						
11.	Silica as SiO <sub>2</sub> , mg/l				< 0.2 APHA-2017(4500SiO <sub>2</sub> -C)				(4500SiO <sub>2</sub> -C)				
12.	Oil & Grease, mg/l					< 2.0 IS-3025 (Part 39) RA2019							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/11/14 **Issue Date:** 08/11/2023

	ei. No.: AESPL/LAB/C/W-23/11/14 Issue Date: 08/11/2023												
	f Customer & Contact : Godrej Industries Ltd Pirojshanagar, Eastern Express Highway												
Details			Piro	jsh	anagar,	Eastern Expr	ess Highway						
			Vikr	oli	East, M	umbai – 4000	)79						
						e 770982586,							
			<u>abhijit.kanase@godrejinds.com</u>										
Name of						rnath Plant. I	Dis						
	of Sample	:	Efflu			Location of		:	RO 2 Product				
	Sample Drawn	:			2023	Time of San	_	:	11.05 am				
	Drawn By	:	AESI		2000	Transporte		:	AESPL				
	Sample Receipt	:	-		2023	Sample Ide	ntification	:	W- 23/11/14				
	Quantity & Container Sample Analysis	H			Plastic ca	n 06/11/2023							
	mental Conditions at site	•	04/1				28°C Air Temi	101	rature: 30°C				
Liivii oii	onmental Conditions at site : Water Temperature: 28°C, Air Temperature: 3 Surrounding was clean.												
Transpo	ortation Condition			:			< 6°C, Cold sto	ra	ge.				
	Job number			:		06419 dtd 09							
Referen	ce of Sampling			:		LAB/QR/7.3.3							
	of Sampling & Preservation			:	AESPL/	LAB/SOP/7.3	.1/W-01						
Environ	mental Condition while Te	esti	ng	:	Ambier	t Temperatur	e: 30.2°C and I	Iu	midity: 57%				
Sr.No.	Parameter					Result			of analysis				
1.	pH @ 25°C					7.21	APHA-201	.7(	(4500H+-B)				
2.	Turbidity, NTU					<2.0	APHA-2017(2130-B)						
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-2017(2540-D)						
4.	Chemical Oxygen Deman	ıd, i	mg/l			20	APHA-201	.7(	(5220-B)				
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> 1	110	APHA-201	.7(	(2540-C)				
6.	Chloride as Cl-, mg/l					32	APHA-201	.7(	(4500Cl <sup>-</sup> -B)				
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					7.1	APHA-201	.7(	(4500SO <sub>4</sub> <sup>2</sup> -E)				
8.	Residual Chlorine, mg/l		< 0.56 APHA-2017(4500ClB)										
9.	Hardness CaCO <sub>3</sub> , mg/l		52 APHA-2017(2340-C)				[234 <del>0-C]</del>						
10.	Iron as Fe, mg/l		0.031 APHA-2017(3500Fe-B)				(3500Fe-B)						
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-2017(4500SiO <sub>2</sub> -C)						
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019						

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/11/15 **Issue Date:** 08/11/2023

	:: AESPL/LAB/C/W-23/11/15											
	f Customer& Contact	: Godrej Industries Ltd										
Details						Eastern Expre						
			Vikr	oli	East, Mu	ımbai – 40007	79					
			Mr.	Abh	ijit Kanse	770982586,E	mail:					
			abhijit.kanase@godrejinds.com									
Name of		:	: Godrej Industries Ltd.Ambernath Plant. Dist-Thane									
	of Sample	:	Efflu			Location of S		:	RO 3 Product			
	Sample Drawn	:			2023	Time of Sam		:	11.20 am			
	Drawn By	:	AES		2000	Transported		:	AESPL AESPL			
	Sample Receipt	:			2023	Sample Iden	tification	:	W- 23/11/15			
	Quantity & Container Sample Analysis	:			Plastic car							
	mental Conditions at site	ŀ	04/1	. 1/		6/11/2023 emperature: 2	7°C Air Temr	ים	rature: 30°C			
LIIVII OII	intental Conditions at Site			•		ding was clean		Jei	ature. 30 G,			
Transpo	ortation Condition			:		'emperature: <		ra	ge.			
	/ Job number			:		6419 dtd 09			8 ·			
	ce of Sampling			:		LAB/QR/7.3.3/						
Method	of Sampling & Preservation	n			AESPL/	LAB/SOP/7.3.1	/W-01					
Environ	mental Condition while To	esti	ng	••	Ambien	t Temperature	: 30.2°C and I	lu	midity: 57%			
Sr.No.	Parameter	•				Result	Metho	od	of analysis			
1.	pH @ 25°C					7.29	APHA-201	.7(	(4500H+-B)			
2.	Turbidity, NTU					< 2.0	APHA-201	7(	(2130-B)			
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-2017(2540-D)					
4.	Chemical Oxygen Demar	ıd,	mg/l			20	APHA-201	7(	(5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	460	APHA-201	7(	(2540-C)			
6.	Chloride as Cl-, mg/l					68	APHA-201	.7(	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					50	APHA-201	7(	(4500SO <sub>4</sub> <sup>2</sup> E)			
8.	Residual Chlorine, mg/l			<0.56 APHA-2017(4500ClB			(4500Cl <sup>-</sup> -B)					
9.	Hardness CaCO <sub>3</sub> , mg/l		52 APHA-2017(2340-C)			[2340-C]						
10.	Iron as Fe, mg/l			0.030 APHA-2017(3500Fe-B)			(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l			< 0.2 APHA-2017(4500SiO <sub>2</sub> -C)				(4500SiO <sub>2</sub> -C)				
12.	Oil & Grease, mg/l				< 2.0 IS-3025 (Part 39) RA2019							

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

Kei. No	. No.: AESPL/LAB/C/W-23/11/16 Issue Date: 08/11/2023												
	f Customer& Contact	40410) 114401100 204											
Details			Piro	jsh	anagar, l	Eastern Exp	ress Highway						
			Vikr	oli	East, Mu	ımbai – 4000	079						
			Mr.	Mr. Abhijit Kanse 770982586,Email:									
			abhijit.kanase@godrejinds.com										
Name of	f Site	: Godrej Industries Ltd.Ambernath Plant. Dist-Thane											
	of Sample	:	Efflu			Location of		:	RO 3 Reject				
	Sample Drawn	:			2023		nple Drawn	:	11.20 am				
	Drawn By	:	AES			Transporte	•	:	AESPL				
	Sample Receipt	:			2023	Sample Ide	ntification	:	W- 23/11/16				
	Quantity & Container	:			Plastic car								
	Sample Analysis	:	02/2	11/		6/11/2023	2000 4: 17		. 2006				
Environ	mental Conditions at site			:		emperature: ding was clea	28°C, Air Tem	pe	rature: 30°C,				
Transno	ortation Condition			:			< 6°C, Cold sto	ıra	σο				
	Job number			•		6419 dtd 09		па	gc.				
	ce of Sampling			:		LAB/QR/7.3.3							
	of Sampling & Preservation	n		:		LAB/SOP/7.3	•						
	mental Condition while Te		ng	:			e: 30.2°C and	Hu	midity: 57%				
Sr.No.	Parameter					Result	Method of analysis						
1.	pH @ 25°C					7.48	APHA-201	7(	(4500H+-B)				
2.	Turbidity, NTU					<2.0	APHA-201	.7(	(2130-B)				
3.	Suspended Solids @ 103	°C,	mg/l			34	APHA-2017(2540-D)						
4.	Chemical Oxygen Deman	d, 1	mg/l			690	APHA-201	.7(	(5220-B)				
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	1350	APHA-201	.7(	(2540-C)				
6.	Chloride as Cl-, mg/l					180	APHA-201	.7(	(4500Cl <sup>-</sup> -B)				
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l				1120	APHA-201	.7(	(4500SO <sub>4</sub> <sup>2</sup> -E)					
8.	Residual Chlorine, mg/l			0.56 APHA-2017(4500ClB)				(4500Cl <sup>-</sup> -B)					
9.	Hardness CaCO <sub>3</sub> , mg/l				1120 APHA-2017(2340-C)				(2340-C)				
10.	Iron as Fe, mg/l				0.030	APHA-201	7	(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-201	7(	(4500SiO <sub>2</sub> -C)				
12.	Oil & Grease, mg/l					< 2.0 IS-3025 (Part 39) RA2019							

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref</b> : AESPL/LAB/C/WP-23/11/01 <b>Issue Date</b> : 09/11/2023												
Name of Customer &	[:[		In	dustries L	td			. ,				
Contact Details		Pirojshanagar, Eastern Express Highway										
		Vikroli East, Mumbai – 400079										
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.co										
Name of Site				dustries L		<u>uerrjitint</u>	•	ase e godrejmasteom				
Name of Site	•											
Ambernath Plant. Dist-Thane												
Description of Sample		Workpl			1							
Location of Sampling	:			near scrub	ber							
Date of Sampling	:	02/11/										
Sampling Time	- :		0 1	0:30 hr.	Duration		:	30 min.				
Sample Drawn By	-  :	AESPL			Transported	l By	:	AESPL				
Date of Sample Receipt	:	03/11/			Sample		:	A-23/11/01				
Sample Quantity &				per; SPM-1								
Date of Sample Analysis			202	23 to 07/1								
Sampling Environmenta		ons										
Transportation Conditio	n		:		ers in plastic c							
Sampling Equipment			:		ıme Sampler R							
Calibration Status			:		d on 31/12/20		30	/12/2023				
Project/ Job number			:	PO#2527	006419 DT. 09	9.05.2023						
Reference of Sampling			:	AESPL/L	AB/QR/7.3.3/I	R-02						
Method of Sampling & Pr	eservati	on	:	AESPL/L	AB/SOP/7.3.1,	/WP-01						
<b>Environmental Condition</b>	n while		:	Ambient'	Temperature:	27.6°C and	H	umidity: 69%				
Parameter	Result	;		Limits a	s per	Method o	of	sampling & analysis				
SPM, mg/m <sup>3</sup>	0.360	151	mg/m³ [OSHA (PEL)] IS 5182				5182 (Part 23) RA2017					
RSPM, mg/m <sup>3</sup>	0.112	5m	g/r	n³ [OSHA (	IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

## Test Report (Workplace)

Issua Data: 09/11/2023

Ref: AESPL/LAB/C/WP-23/11/02

<b>Ref:</b> AESPL/LAB/C/WP-23/11/02 <b>Issue Date:</b> 09/11/2023														
Name of Customer &	:	Godrej Industries Ltd												
Contact Details		Piroisha	Pirojshanagar, Eastern Express Highway											
		Vikroli East, Mumbai – 400079												
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com												
Name of Site			Godrej Industries Ltd.											
Name of Site		•												
				Plant. D	ist-Thane									
<b>Description of Sample</b>		Workplac												
Location of Sampling		AOS plant												
Date of Sampling		02/11/20												
Sampling Time	: .	2:30 to 3:	00	hr.	Duration		:	30 min.						
Sample Drawn By	:	AESPL			Transported	d By	:	AESPL						
Date of Sample Receipt	:	03/11/20	)23	3	Sample		:	A-23/11/02						
Sample Quantity &	:	SO <sub>2</sub> -30ml	X	1No.										
Date of Sample Analysis		03/11/20	)23	to 07/1	1/2023									
Sampling Environmenta	l Conditio	ons	:	Tempe	rature:28-38°(	C; Rain fall:	No	o; P <sub>bar</sub> : 754 mmHg.						
Transportation Conditio	n		:	Filter p	apers in plasti	c container	•							
Sampling Equipment			:	High Vo	olume Samplei	RDS-I-09								
Calibration Status			:	Calibra	ted on 31/12/	2022 due c	n	30/12/2023						
Project/ Job number			:	PO#252	27006419 DT.	09.05.2023	3							
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02								
Method of Sampling & Pr	reservati	on	:	AESPL/	LAB/SOP/7.3	.1/WP-01								
<b>Environmental Condition</b>	n while T	'esting	:	Ambier	it Temperatur	e: 27.6°C aı	nd	Humidity: 69%						
Parameter	Result			Limits a	s per	Method	of	sampling & analysis						
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 m	g/r	n³ [OSHA	(PEL)]	IS 5182 (I	Pai	rt 2) RA2017						
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	NA [C	)SI	IA (PEL)]		IS 5182 (I	Pai	rt 2) RA2017						

#### PEL-Permissible Exposure Limit.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

Test Report (Workplace)

Issua Data: 09/11/2023

**Ref:** AESPL/LAB/C/WP-23/11/03

<b>Ref:</b> AESPL/LAB/C/W	P-23/11	/11/03 <b>Issue Date:</b> 09/11/2023										
Name of Customer &	:	Godrej l	Godrej Industries Ltd									
Contact Details		Piroisha	anag	gar, East	ern Express I	Highway						
		,	_	•	ai – 400079	0 )						
			Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com									
Name of Site	<del>-  </del> -					iii <u>domjitik</u>	um	use e goarejmas.com				
Name of Site	-	Godrej l										
				Plant. D	ist-Thane							
Description of Sample		Workpla										
Location of Sampling	:	Fatty aci			oor							
Date of Sampling	:	02/11/2	2023									
Sampling Time	:	1:45 to 2	2:15	hr.	Duration		:	30 min.				
Sample Drawn By	:	AESPL			Transported	d By	:	AESPL				
Date of Sample Receipt	:	03/11/2	2023		Sample		:	A-23/11/03				
Sample Quantity &	:	nMHC-1Bladder; SPM-1NRD Cap.										
Date of Sample Analysis	:	03/11/2	2023	to 07/1	1/2023							
Sampling Environmental	Condit	ions	:	Tempe	rature:28-38°(	C; Rain fall:	No	o; P <sub>bar</sub> : 754 mmHg.				
Transportation Condition	n		:	Filter p	apers in plasti	c containei	•					
Sampling Equipment			:	High Vo	olume Sampler	RDS-I-09						
Calibration Status				Calibra	ted on 31/12/	2022 due c	n	30/12/2023				
Project/ Job number			:	PO#25	27006419 DT.	09.05.2023	3					
Reference of Sampling			:	AESPL/	/LAB/QR/7.3.3	3/R-02						
Method of Sampling & Pr	eservat	ion	:	AESPL/	/LAB/SOP/7.3	.1/WP-01						
<b>Environmental Condition</b>	while	Testing	:	Ambier	nt Temperatur	e: 27.6°C a	nd	Humidity: 69%				
Parameter	Res	sult		Limits	s as per	Method	of	sampling & analysis				
SPM, mg/m <sup>3</sup>	0.3	882	15r	mg/m³ [0				82 (Part 23) RA2017				
nMHC, ppm	0.	24	NA	[OSHA (	[PEL)] APHA134-Air 3 <sup>rd</sup> Edition			ir 3 <sup>rd</sup> Edition				

PEL-Permissible Exposure Limit.

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/W	P-23/11/0 <sup>2</sup>	ŀ	<b>Issue Date:</b> 09/11/2023							
Name of Customer &	: Go	odrej	In	dustries L	td					
Contact Details	Pi	rojsł	ıar	nagar, East	ern Express l	Highway				
		Vikroli East, Mumbai – 400079								
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com								
Name of Site			<u> </u>	dustries L		an work just	-	use o gourejmestesm		
Nume of Site		,								
Description of Comple				<u>th Plant. D</u>	ust-i nane					
Description of Sample		orkp			<b>a</b>					
Location of Sampling				Plant - 2 <sup>nd</sup>	floor					
Date of Sampling		/11/			ъ			00 1		
Sampling Time			1:.	30 hr.	Duration		:	30 min.		
Sample Drawn By		SPL	10.0		Transported Sample	1 By	:	AESPL		
Date of Sample Receipt		/11/			:	A-23/11/04				
Sample Quantity &				aper; SPM-1						
Date of Sample Analysis			<u>′20</u>	23 to 07/1						
Sampling Environmental		S	:				0;	P <sub>bar</sub> : 754 mmHg.		
Transportation Condition	1		:		ers in plastic					
Sampling Equipment			:		ıme Sampler R					
Calibration Status			:		d on 31/12/20		30	/12/2023		
Project/ Job number			:	PO#2527	006419 DT. 0º	9.05.2023				
Reference of Sampling			:	AESPL/L	AB/QR/7.3.3/	R-02				
Method of Sampling & Pr			:	AESPL/L	AB/SOP/7.3.1	/WP-01				
<b>Environmental Condition</b>	while		:	Ambient'	Temperature:					
Parameter	Result			Limits a	s per	Method	of	sampling & analysis		
SPM, mg/m <sup>3</sup>	0.356	151	mg	/m³ [OSHA	(PEL)]	IS 5182 (Part 23) RA2017				
RSPM, mg/m <sup>3</sup>	0.124	5m	ıg/	m³ [OSHA (	PEL)]	IS 5182 (	Pai	rt 23) RA2017		

PEL-Permissible Exposure Limit.

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#### **Test Report** (Workplace)

P. 6 APRIL 11 AP 16 MAP 20 144 105										
Ref: AESPL/LAB/C/W	<del></del>									
Name of Customer &	: (	Godrej Ir	ıdu	ıstries L	td					
Contact Details	F	Pirojshai	nag	gar, East	ern Express l	Highway				
		Vikroli East, Mumbai – 400079								
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com								
Name of Site		Godrej Ir						8		
		•			ist-Thane					
Description of Comple				Pialit. D	ist-illane					
Description of Sample		<u>Workplac</u>								
Location of Sampling		Boiler ho								
Date of Sampling		)2/11/20								
Sampling Time		12:00 to 1	12::	30 hr.	Duration		:	30 min.		
Sample Drawn By		AESPL Transported By						AESPL		
Date of Sample Receipt		03/11/2023 <b>Sample</b> : A-23/11/05								
Sample Quantity &	: 5	$50_2$ -30ml	X 1	lNo.; SPN	1-1NRD Cap.					
Date of Sample Analysis	: (	03/11/20	)23	to 07/13	1/2023					
Sampling Environmental	l Conditio	ns	:	Temper	cature:28-38°0	C; Rain fall: I	No	); P <sub>bar</sub> : 754 mmHg.		
Transportation Conditio	n		: Filter papers in plastic container							
Sampling Equipment			:	High Vo	lume Sampler	RDS-I-09				
Calibration Status			:	Calibra	ted on 31/12/	2022 due oi	n :	30/12/2023		
Project/ Job number				PO#252	27006419 DT.	09.05.2023				
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02				
Method of Sampling & Pr	eservatio	n	:	AESPL/	LAB/SOP/7.3	.1/WP-01				
<b>Environmental Condition</b>	n while Te	esting	:	Ambien	t Temperatur	e:27.6°C and	l b	Humidity: 69%		
Parameter	Result			Limits as				sampling & analysis		
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 mg	g/n	n³ [OSHA	(PEL)]	IS 5182 (Part 2) RA 2017				
SPM, mg/m <sup>3</sup>	0.314	4 15 mg/m³ [OSHA (PEL)] IS 5182 (Part 23) RA 2017						rt 23) RA 2017		

PEL-Permissible Exposure Limit.

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

## Test Report (Workplace)

Iccua Dato: 00/11/2022

Ref: AESPL/LAB/C/WP-23/11/06

Ref: AESPL/LAB/C	<b>Ref:</b> AESPL/LAB/C/WP-23/11/06 <b>Issue Date:</b> 09/11/2023												
Name of Customer &	:	:	Godrej Ir	Godrej Industries Ltd									
<b>Contact Details</b>			Pirojsha	na	gar, East	ern Express l	Highway						
				Vikroli East, Mumbai – 400079									
					•		il· abhiiit ka	an	ase@godrejinds.com				
Name of Site	<del>-  </del>						ii. <u>uomjit.kt</u>	411	use e godrejmas.com				
Name of Site	'	•	Godrej Ir										
					Plant. L	ist-Thane							
Description of Sample		:	Workplac										
<b>Location of Sampling</b>		:	Flaker Pla	ant	1st Floor	•							
Date of Sampling		:	02/11/202	23									
Sampling Time	:	:	11:00 to 1	11:	30 hr.	Duration		:	30 min.				
Sample Drawn By		:	AESPL			Transported	d By	:	AESPL				
Date of Sample Recei	pt :	:	03/11/20			Sample		:	A-23/11/06				
Sample Quantity &		:	RSPM-1paper; SPM-1NRD Cap.										
Date of Sample Analy	sis :	:	03/11/20	023	3 to 07/1	1/2023							
Sampling Environme	ntal Condi	iti	ons		: Temp	erature:28-38	°C; Rain fal	l: I	No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Cond</b>	ition			: Filter papers in plastic container									
Sampling Equipment					: High	Volume Sampl	er RDS-I-09	)					
<b>Calibration Status</b>					: Calib	rated on 31/12	2/2022 due	01	n 30/12/2023				
Project/ Job number					: PO#2	527006419 D	Γ. 09.05.202	23					
Reference of Samplin	g				: AESP	L/LAB/QR/7.3	3.3/R-02						
Method of Sampling &	& Preserva	at	ion		: AESP	L/LAB/SOP/7.	3.1/WP-01						
<b>Environmental Condi</b>	tion while	<b>e</b> 7	Γesting		: Ambi	ent Temperatu	ıre: 27.6°C a	an	d Humidity: 69%				
Parameter	Res	su	lt		Limits	s as per	Method of sampling & analysis						
SPM, mg/m <sup>3</sup>	0.3	32	6				IS 5182 (Part 23) RA2017						
RSPM, mg/m <sup>3</sup>	0.1	120 5m			g/m³ [0	IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C	/WP-23/1	1/07	Issue Date: 09/11/2023									
Name of Customer &	:	Godrej	Indus	tries L	td							
Contact Details		Pirojsh	anaga	ar, East	ern Express H	Iighway						
		-	Vikroli East, Mumbai – 400079									
			,			l: abhiiit.k	an	ase@godrejinds.com				
Name of Site		Godrej										
	-	_			ist-Thane							
Description of Sample		Workpla		iaiit. L	vist- i iiaiie							
Location of Sampling		SPD Bag		τ Δτος								
Date of Sampling	<u> </u>	02/11/2		5 AI Ca								
Sampling Time		11:00 to		0 hr	Duration			30 min.				
Sample Drawn By		AESPL										
Date of Sample Receip	ot :	03/11/2	2023	A-23/11/07								
Sample Quantity &	:		03/11/2023 <b>Sample</b> : A-23/11/07 RSPM-1paper; SPM-1NRD Cap.									
Date of Sample Analys	sis :	03/11/2										
Sampling Environmen			1:			C; Rain fal	l: l	No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Cond</b>			:	: Filter papers in plastic container								
Sampling Equipment			:									
<b>Calibration Status</b>			:	Calibr	ated on 31/12	/2022 due	01	n 30/12/2023				
Project/ Job number			:	PO#2	527006419 DT	. 09.05.20	23					
Reference of Samplin			:		L/LAB/QR/7.3.							
Method of Sampling &			<u>:</u>		L/LAB/SOP/7.3							
<b>Environmental Condi</b>			<u>:</u>					d Humidity: 69%				
Parameter	Resu	lt		Limit	s as per	Me	the	od of sampling &				
								analysis				
SPM, mg/m <sup>3</sup>	0.31	7	15m	g/m³ [C	SHA (PEL)]	IS 5182 (Part 23) RA2017						
RSPM, mg/m <sup>3</sup>	0.12	6	5mg	/m³ [05	SHA (PEL)]	IS 5182	IS 5182 (Part 23) RA2017					

#### PEL-Permissible Exposure Limit.

Conformity Statement: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.





Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



#### **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-23/12/06 **Issue Date:** 13/12/2023

11011	0 ALSI L/LAD/G/ A-23/12/00 ISSUE Date. 13/12/2023											
Name of	f Customer & Contact	:	Godrej Industries Ltd.									
Details			Pirojsha	ına	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase $\oslash$ 77	7118	2586 ⊠: <mark>ab</mark> h	ijit.kanas	se@	godrejinds.com	
Name of	f Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al: A	Atmo	spherio	Poll	ution				
Descrip	tion of Sample	:	Ambien	t A	ir	-						
Location	n of Sampling	:	Near AC	Near AOS plant								
Date of S	Sampling	:	01/12/2	202	23 to	02/12/	2023	3				
Samplin	g Time	:	09:30 to	09	9:30	hr.	Dur	ation		••	24 Hr.	
Sample	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL	
	Sample Receipt	:	04/12/2	202	23		Sam	<mark>iple Identif</mark> i	ication	:	A-23/12/06	
Sample	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	D <sub>2</sub> :1 Bot	tle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ottle & NH3:1	
			Bottle; I	Bottle; Bladder:1; Charcoal Tube:1								
	Sample Analysis	:										
<b>Sampling Environmental Conditions</b> : Temperature: 26-31°C; Rain fall: No; P <sub>bar</sub>												
Transportation Condition					: Bottles < Filter papers in Bladders, charcoal						ers, charcoal tube	
					5°C			astic contair	ner   at a	ml	oient temp.	
Samplin		:		S-I-05 8								
	ion Status			:				31/12/2022		0/	12/2023	
	/ Job number			:				19 DT. 11.05				
	ce of Sampling			:				R/7.3.3/R-02				
	of Sampling & Preserva			:				P/7.3.1/A-0				
	mental Condition while	Τe		<u>:</u>		emperature: 27°C, RH: 40%						
Sr. No.	Parameter	_	Res		_	Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		33.5			80 3		μg/m <sup>3</sup>			Part 2) RA2017	
2.	Nitrogen dioxide as NO	2	52.3			80 3		μg/m <sup>3</sup>			Part 6) RA2022	
3.	PM <sub>10</sub>	-	140.		-	100		μg/m <sup>3</sup>			Part 23) RA2022	
4.	PM <sub>2.5</sub>	`	62.5			60 3		μg/m <sup>3</sup>			Part 24) 2019	
5.	Carbon monoxide as Co	)	0.8			04 *		mg/m <sup>3</sup>			part 11) RA2019	
6.	Ozone as O <sub>3</sub>	-	15.0		_	180		μg/m <sup>3</sup>	1		part 9) RA2019	
7. 8.	Ammonia as NH <sub>3</sub>	,	45.0 < 0		-	400 01 **		μg/m <sup>3</sup>			oart 25) RA 2018	
9.	Benzo(a)pyrene as BaF Lead as Pb					1.0		ng/m <sup>3</sup>			oart 12) 2004 method 822-3 <sup>rd</sup> Ed	
9.	Nickel as Ni	-		< 0.5		20 *		μg/m³ ng/m³			method 822-3rdEd	
11.	Arsenic as As	-		< 5.0 < 5.0		06 *		ng/m <sup>3</sup>			method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0			05 **		μg/m <sup>3</sup>			part 11) RA2022	
14.	Delizelle as C6H6		<b>\</b> 0			05		μg/III°	19 2107	ιL	Jail IIJ NAZUZZ	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> & PM<sub>2.5</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

#### Note:

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- Decision Rule is applied.



**Anjan Pramanik** (Authorized Signatory)



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#### **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-23/12/07 **Issue Date:** 13/12/2023

						7.1		10041					
	Customer & Contact	:	,	Godrej Industries Ltd.									
Details			Pirojsha	ana	gar, l	Eastern	Expi	ress Highwa <sub>!</sub>	y Vikroli	(E)	, Mumbai 400119.		
			Mr. Abh	ijit	Kan	ase ⊘7′	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com		
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Amb	ernath Plant	Dist-Tha	ne			
Disciplin	ne & Group	••	Chemica	al: <i>I</i>	Atmo	spherio	. Poll	ution					
Descript	tion of Sample	:	Ambien	t A	ir								
Location	of Sampling	:	Near Ma	atei	rial g	ate							
Date of S	Sampling	:	01/12/2	202	23 to	02/12/	/2023	3					
Samplin	g Time	:	10:00 to	10	0:00	hr.	Dur	ation		:	24 Hr.		
	Drawn By	:	AESPL					nsported By		:			
Date of S	Sample Receipt	:	04/12/2								A-23/12/07		
Sample (	Quantity & Container	:							s-1; O <sub>3</sub> : 1	Bo	ttle & NH3:1		
			Bottle; I			_							
	Sample Analysis	:	04/12/2023 to 11/12/2023										
	g Environmental Condi												
Transportation Condition					·						ers, charcoal tube		
5°C plastic container   at ambient te								pient temp.					
Sampling Equipment : RDS-I-04 & FDS-I-04													
	ion Status			:				31/12/2022		0/	12/2023		
	Job number			:				19 DT. 11.05					
	ce of Sampling			:				R/7.3.3/R-02					
	of Sampling & Preserva			:				P/7.3.1/A-0					
	mental Condition while	Te		<u> </u>				27°C, RH: 40					
Sr. No.	Parameter	_	Res			Limit		Unit			f Analysis		
1.	Sulphur dioxide as SO <sub>2</sub>		38.4		_	80		μg/m <sup>3</sup>		_	art 2) RA2017		
2.	Nitrogen dioxide as NO	2	48.2		_	80		μg/m <sup>3</sup>		_	(art 6) RA2022		
3.	PM <sub>10</sub>	-	157.		-	100		μg/m <sup>3</sup>		_	Part 23) RA2022		
4.	PM <sub>2.5</sub>	_	68.0		_	60		μg/m <sup>3</sup>			Part 24) 2019		
		)			_								
		-			-								
		,											
		-											
		-											
		+											
5. 6. 7. 8. 9. 11. 11.	Carbon monoxide as CO Ozone as O <sub>3</sub> Ammonia as NH <sub>3</sub> Benzo(a)pyrene as BaF Lead as Pb Nickel as Ni Arsenic as As Benzene as C <sub>6</sub> H <sub>6</sub>		0.88 18.97 42.41 < 0.5 < 0.5 < 5.0 < 5.0 < 0.2			04 * 180 400 01 * 1.0 20 * 06 * 05 *	**  *  *  *  *  *  *  *  *	mg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> ng/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	IS 5182 IS 5182 IS 5182 IS 5182 IS 5182 APHA A APHA A	(p (p (p (ir) (ir)	art 24) 2019 Part 11) RA2019 Part 25) RA 2018 Part 12) 2004 Part 12) 2004 Part 14 2004 Part 15 2004 Part 16 2004 Part 17 2004 Part 18 2004 Part 19 2		

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> & PM<sub>2.5</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



**Anjan Pramanik** (Authorized Signatory)



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#### **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/12/08 **Issue Date:** 13/12/2023

11011	No. ALSI L/LAD/C/ A-23							1334	e Date. 1	٠٠/	12/2020	
Name of	f Customer & Contact	:	Godrej Industries Ltd.									
Details			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase ⊘77	7118	2586 ⊠: <mark>ab</mark> h	ijit.kanas	se@	godrejinds.com	
Name of	f Site	:	Godrej I	Ind	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al: 1	Atmo	spheric	Poll	ution				
Descript	tion of Sample	:	Ambien	t A	ir							
Location	n of Sampling	:	Near ET	Near ETP								
Date of S	Sampling	:	01/12/2	202	23 to	02/12/	2023	3				
Samplin	ig Time	:	10:30 to	10	0:30	hr.	Dur	ation		••	24 Hr.	
Sample	Drawn By	:	AESPL				Tra	nsported By	y	••	AESPL	
	Sample Receipt	:	04/12/2	202	23		Sam	ple Identifi	ication	:	A-23/12/08	
Sample	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	O <sub>2</sub> :1 Bot	tle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH <sub>3</sub> :1	
			Bottle; I	Bla	dder	:1; Char	coal	Tube:1				
	Sample Analysis	:										
<b>Sampling Environmental Conditions</b> : Temperature: 26-31°C; Rain fall: N												
Transportation Condition											ers, charcoal tube	
			5°C			astic contair	ner   at a	ml	pient temp.			
Samplin		:	RD	S-I-06 &	FDS	-I-06						
	tion Status			:				31/12/2022		0/	12/2023	
	/ Job number			:				.9 DT. 11.05				
	ce of Sampling			:				R/7.3.3/R-02				
	of Sampling & Preserva			:			LAB/SOP/7.3.1/A-01					
	mental Condition while	Te		:		emperature: 27°C, RH: 40%						
Sr. No.	Parameter		Res			Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		28.6			80 ;		μg/m³			Part 2) RA2017	
2.	Nitrogen dioxide as NO	2	45.4			80 3		μg/m³			Part 6) RA2022	
3.	PM <sub>10</sub>		174.			100		μg/m³			Part 23) RA2022	
4.	PM <sub>2.5</sub>		88.7			60 3		μg/m³			Part 24) 2019	
5.	Carbon monoxide as Co	<u>)</u>	0.7			04 *		mg/m³			art 11) RA2019	
6.	Ozone as O <sub>3</sub>		21.7			180		μg/m³			art 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		32.3			400		μg/m³			oart 25) RA 2018	
8.	Benzo(a)pyrene as BaF	,	< 0			01 **		ng/m³			oart 12) 2004	
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd	
11.	Nickel as Ni			< 5.0		20 **		ng/m³			method 822-3rdEd	
11.	Arsenic as As	_	< 5			06 **		ng/m³			method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	0.2		05 *	**	μg/m³	IS 5182	? (p	oart 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> & PM<sub>2.5</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

#### Note:

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- Decision Rule is applied.



**Anjan Pramanik** (Authorized Signatory)



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#### **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/12/09 **Issue Date:** 13/12/2023

Item	INO ALSI L/LAD/C/ A-23							1334	c Date. 1	٠٠/	12/2023
Name of	Customer & Contact	:	Godrej I								
Details			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase <i>©</i> 77	7118	2586 ⊠: <mark>abh</mark>	ijit.kanas	se@	godrejinds.com
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica	al: 1	Atmo	spherio	Poll	ution			
Descript	tion of Sample	:	Ambien	t A	ir						
Location	of Sampling		Near Ma	ain	gate						
Date of S	Sampling	:	01/12/2	202	23 to	02/12/	/2023	3			
Samplin	g Time	:	11:00 to	11	1:00	hr.	Dur	ation		••	24 Hr.
Sample l	Drawn By	:	AESPL				Trai	nsported By	y	••	AESPL
	Sample Receipt	:	04/12/2	202	23		Sam	ple Identifi	ication	:	A-23/12/09
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	D <sub>2</sub> :1 Bot	tle; P	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH <sub>3</sub> :1
			Bottle; I	Bla	dder	:1; Char	coal '	Tube:1			
	Sample Analysis	:									
<b>Sampling Environmental Conditions</b> : Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmH											
Transportation Condition					1 1 1						ers, charcoal tube
5°C								astic contair	ner   at a	ml	pient temp.
Samplin		:		S-I-07 8							
	ion Status			:				31/12/2022		0/	12/2023
	Job number			:				9 DT. 11.05			
	ce of Sampling			:				R/7.3.3/R-02			
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01							
	mental Condition while	Te		:				27°C, RH: 40			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		31.5			80		μg/m³			Part 2) RA2017
2.	Nitrogen dioxide as NO	2	54.0			80		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		152.			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		55.0			60		μg/m³			Part 24) 2019
5.	Carbon monoxide as CO	)	0.7		_	04*		mg/m <sup>3</sup>			oart 11) RA2019
6.	Ozone as O <sub>3</sub>		23.5		_	180		μg/m³			oart 9) RA2019
7.	Ammonia as NH <sub>3</sub>		40.5			400		μg/m <sup>3</sup>			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	,	< 0			01*		ng/m³			part 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd
11.	Nickel as Ni			< 5.0		20 **		ng/m <sup>3</sup>	APHA Air method 822-3		
11.	Arsenic as As		< 5			06*		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	).2		05 *	**	μg/m³	IS 5182	' (p	oart 11) RA2022

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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- Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



**Anjan Pramanik** (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

## Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-23/12/05 **Issue Date:** 07/12/2023

Name of Customer &	_			1556.0 2 0								
Contact Details	•	Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079										
Contact Details												
N COL	-	Mr. Abhijit Kanase. 77										
Name of Site	:	,	odrej Industries Ltd Ambernath Plant Dist-Thane									
Discipline & Group	:		Chemical: Atmospheric Pollution									
Description of Sample	:	Ambient Noise										
Location Details	<u>:</u>	,										
Date of Sampling	:	01/12/2023		of Sampling	:	Spot						
Start & End Time of	:	10.00 Hr 10.40Hr.		End Time of	:	22.00 Hr22.40Hr.						
Sampling (Daytime)			Samplin	g (Nighttime)								
Monitored By	:	AESPL	Transpo	orted By	:	AESPL						
Date of Data Receipt	:	04/12/2023	Sample	Identification	:	N-23/12/05						
<b>Environmental Condition</b>	:	Climate: Clear		Ambient Ten	np:	: 27°C to 32°C						
Transportation	:	Noise Data sheet is k	ept in fold									
Condition		along with Noise mete										
Sampling Equipment	1:	Noise meter - Centre C-390 SL-I-02										
Calibration Status	T:	Calibrated on 28/11/	Calibrated on 28/11/2023; calibration due on 27/11/2024									
Project/ Job Number	T:	PO#2527006419 DT.			. ,							
Reference of Sampling	1:											
Method of Sampling	:	, , , , , , , , , , , , , , , , , , ,	7									
	Location Noise Day Time Noise Nighttime											
No.				dB(A)		dB(A)						
1. Near ETP				68.0		66.2						
2. FAD Plant				69.2		68.0						
3. Tank farm				65.7		61.2						
4. Near FSP/GDP/SWE	Pla	nt		66.6		64.5						
5. Near boiler house				70.2		68.0						
6. Engineering stores				60.1		59.2						
7. AOS Plant				59.8		57.5						
8. Main gate				64.5		60.1						
9. Time office				62.9		58.5						
10. Near canteen				65.2		58.7						
11. Near DG				60.2		57.5						
12. DM Plant		61.8 59.0										
13. RM Plant		61.9 59.8										
14. Near material gate				(()		60.2						
				66.8								
15. Flaker's section				64.8		61.2						

**Conformity Statement**: Noise Levels at all the locations are found to be below the stipulated limits. **Note:** 

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



Anjan Pramanik. (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



## Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/12/03 **Issue Date:** 12/12/2023

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/12/03			<b>Issue Date:</b> 12/12/2023						
Name of Customer & Contact Details	:	: Godrej Industries Ltd.							
				r, Eastern Express H	ighway Vikroli				
		(E), Mumbai – 400119.							
		,	Mr. Abhijit Kanase; Ø771182586						
N. CC'.				ase@godrejinds.com					
Name of Site	:	Godrej In		tries Ltd. Plant Dist-Thane					
Discipline & Group	+			mospheric Pollution					
Description of sample	+	Stack Emi							
	ı.								
Sample Identification number	-	ST- 23/12			1 D				
Sample Quantity	<u>:</u>			NO <sub>2</sub> :1 Bottle; Acidmi	st-1 Bottle.				
Date & Time of sampling	<u>:</u>			, 10:00-10:40 hr.	10 11				
Sampling Environmental Conditions	<u> </u>			Rain fall: No; P <sub>bar</sub> : 75					
Transportation Condition		Bottles 5°C	<	1 1111110100 111	Bladders at ambient temp.				
Sample Monitored & Transported by	٠.	AESPL		plastic container	ambient temp.				
Date of sample receipt	-	05/12/20	123						
Date of sample analysis	+:			to 09/12/2023					
Sampling Equipment Used	:	····							
Calibration status	÷								
	-			419 DT. 11.05.2023					
Project/ Job number	+								
Reference of sampling				QR/7.3.3/R-02					
Method of sampling & preservation	÷			SOP/7.3.1/ST-01					
Environmental Condition while Testing	÷	Temperat	ure	e: 27°C; RH-40%					
A. General Information About Stack: Stack Connected to			Λ	OS Scrubber-process	a ata alz				
Emission due to			_	rocess Activity	Stack				
Material of construction of stack		:	M						
Shape of stack		:		ircular					
Whether stack is provided with permanent plat	form	1 :	_	es					
B. Physical Characteristics of Stack:									
Height of stack from ground level (m)		:	3	0					
Height of sampling point from ground level (m)	:								
Diameter of Stack at sampling point (m)	:	0.							
Area of stack (m <sup>2</sup> )	:	0.	283						
C. Analysis/ Characteristic of Stack:									
Fuel used		:							
Fuel consumption		:							
Details of pollution control devices attached wit	h th	e stack:   :	S	crubber + ESP					



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#### **Test Report** (Stack Emission)

Ref.	No.: AESPL/LAB/C/ST-23/12/		<b>Issue Date:</b> 12/12/2023		
D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	34		°C	IS-11255, (part- 1) 2019
2.	Gas velocity	2.66		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	2521		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022
7.	Acid mist	10.73	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



We Are Listening & Want to Improve - Complaint Register is Available with us Page 2 of 2 Reg. Office: 110, Hiren Light Industrial Estate, Mogul Lane, Mahim, Mumbai - 400016Tel: 022 42127500 E-mail: contact@aespl.co.in



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Tel: 9112844844, **CIN**: U74999MH2001PTC132111 UDYAM-MH-19-0029787

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/12/03 **Issue Date:** 12/12/2023

<b>Ref. No.</b> : AESPL/LAB/C/ ST- 23/12/03 <b>Issue Date</b> : 12/12/2023										
Name of	f Customer & Contact Detai	ils :	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express						
				Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit						
				Kanase. ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>						
Name of	f Site	:	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane						
Discipli	ne & Group	:	:	Chemical: Atm	osphe	eric P	ollution			
Descrip	tion of sample	:	:	Stack Emission	1					
Sample	Identification number	:	:	ST- 23/12/02						
	Quantity	:	: ]	SO <sub>3</sub> :1Bottle; SO	) <sub>2</sub> :1Bc	ottle.				
Date & 7	Time of sampling	:	:	01/12/2023, 1	L0:00-	10:4	0 hr.			
	g Environmental Condition	ns :	:		ain fal	ll: No	; P <sub>bar</sub> : 753 mmHg.			
	ortation Condition	:	:	Bottles < 5°C						
	Monitored & Transported	by :	:	AESPL						
Date of	sample receipt	:	:	05/12/2023						
Date of	sample analysis	:	:	05/12/2023 to	09/1	12/20	023			
Samplin	g Equipment used & Calibi	ration :		ST-I-02; Calibr	ation	on 2	5/05/2023 to 25/05/2024			
Project/	Job number	:	:	PO#25270114	19 DT	Ր. 11.	05.2023			
Referen	ce of sampling	:	:	AESPL/LAB/Q	R/7.3	.3/R	-02			
Method	of sampling & preservation	n :	:	AESPL/LAB/S	0P/7.	3.1/5	ST-01			
Environ	mental Condition while Te	esting :		Temperature:	27°C	; RH-	40%			
A. Gene	ral Information About Stac	ck:								
Stack Co	nnected to				:	: AOS Scrubber-process stack				
Emission						Process Activity				
	of construction of stack				:	MS				
Shape of					:	Circular				
	stack is provided with perm		tf	orm	:	: Yes				
•	cal Characteristics of Stack					20				
	f stack from ground level (m		_		<u>:</u>	30				
	f sampling point from ground		)			0.6				
	r of Stack at sampling point (	[111]			-   :	0.6	02			
	stack (m²) sis/ Characteristic of Stack	7.				0.2	0.5			
	d & Consumption	Δ.			<u> </u>	l				
Details of pollution control devices attached with the stack: : Scrubber + ESP						uhher + ESP				
	It of Sampling & Analysis of					JCI	455C1 · H01			
SL. No.	Parameter	Result	MPCB. Limits Unit Method of analysis							
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND			mg/l		IS-11255, (part-2) 2019			
2.	Sulphur Dioxide (as SO <sub>2</sub> )	1.53	l	50	pp		IS-11255, (part-2) 2019			
			1		<u> </u>	11 .				

**ND=Not detected. Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent. **Note:** 

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  - 4. Decision Rule is applied.



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/12/04	Issue Date: 12/12/2023				
Name of Customer & Contact Details	:	Godrej Industries Ltd.			
		Pirojshanagar, Eastern Express Highway Vikroli (E),			
		Mumbai – 400119. Mr. Abhijit Kanase;			
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	:	ST- 23/12/04			
Sample Quantity	:	Thimble-1.			
Date & Time of sampling	:	01/12/2023, 11:30-11:56 hr.			
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at			
		plastic container   ambient temp.			
Sample Monitored & Transported by	:	AESPL			
Date of sample receipt	:	05/12/2023			
Date of sample analysis	:	05/12/2023 to 09/12/2023			
Sampling Equipment Used	:	ST-I-01			
Calibration status	:	14/01/2023 to 14/01/2024			
Project/ Job number	:	P0#2527011419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%			
A. General Information About Stack:					
Stack Connected to		: Spray drier			
Emission due to		: Process Activity			
Material of construction of stack		: MS			
Shape of stack		: Circular			
Whether stack is provided with permanent pla	tto	rm : Yes			
B. Physical Characteristics of Stack:		. 20.75			
Height of stack from ground level (m)	1	: 28.75			
Height of sampling point from ground level (m Diameter of Stack at sampling point (m)	J	: 0.66			
Area of stack (m <sup>2</sup> )	: 0.00				
C. Analysis/ Characteristic of Stack:		.   0.372			
Fuel used		:			
Fuel consumption		:			
Details of pollution control devices attached w stack:	ith	the : Cyclone + Bag filter			



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TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/12/04 **Issue Date:** 12/12/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	77		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	10.40		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	1050		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	47.69	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 4. Decision Rule is applied.



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TC-7085

## Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 23/12/05	Issue Date: 12/12/2023						
Name of Customer & Contact Details : Godrej Inc				dustries Ltd.			
			Pirojshanagar, Eastern Express Highway Vikroli (E				
		Mumbai -	Mumbai – 400119. Mr. Abhijit Kanase;				
		<i>⊙</i> 771182	258	6 ☑ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:			stries Ltd.			
	$\perp$			Plant Dist-Thane			
Discipline & Group	<u> :</u>			tmospheric Pollution			
Description of sample	:	Stack Em					
Sample Identification number	:	ST- 23/1					
Sample Quantity	:	SO <sub>2</sub> :1Bot	tle;	NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			3, 12:40 to 13:12 hr.			
Sampling Environmental Conditions	:	Temp.:32	2°C;	Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <	5°(	Thimbles in Bladders at ambient temp.			
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	05/12/2	023	3			
Date of sample analysis	:	05/12/2	023	to 09/12/2023			
Sampling Equipment Used	:	ST-I-01					
Calibration status	:	14/01/2	3 to 14/01/2024				
Project/ Job number	T :	PO#2527	01	11419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	<u>:</u>	AESPL/LAB/SOP/7.3.1/ST-01					
<b>Environmental Condition while Testing</b>	:	Tempera	mperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	Hot Air Generator			
Emission due to			:	Process Activity			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	28.75			
Height of sampling point from ground level (m)			:				
Diameter of Stack at sampling point (m)			:	0.30			
Area of stack (m <sup>2</sup> )			:	0.071			
C. Analysis/ Characteristic of Stack:							
Fuel used			:				
Fuel consumption	1,1	11 1	:	C. day D. Ch.			
Details of pollution control devices attached with the stack:				Cyclone + Bag filter			



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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/12/05 **Issue Date:** 12/12/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	171		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	5.91		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	981		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	43.61	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	33.75		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.79	64	Kg/day	IS-11255, (part-2) 2019						
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	57.37		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.





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TC-7085

## Test Report (Stack Emission)

Kel. No.: AESPL/LAD/C/ 31- 23/12/00		188ue Date: 12/12/2025				
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli				
		(E), Mumbai – 400119. Mr. Abhijit Kanase.				
		⊘771182586 ⊠abhijit.kanase@godrejinds.com				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 23/12/06				
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.				
Date & Time of sampling	•	02/12/2023, 09:00-09:32 hr.				
Sampling Environmental Conditions	:	Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.				
Transportation Condition		Bottles < 5°C Thimbles in Bladders at				
		plastic container   ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	05/12/2023				
Date of sample analysis	:	05/12/2023 to 09/12/2023				
Sampling Equipment Used	:	ST-I-01				
Calibration status	:	14/01/2023 to 14/01/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%				
A. General Information About Stack:						
Stack Connected to		: Thermic Fluid Heater/Thermo				
		Syphon heater TP15/TS10				
Emission due to		: Combustion of NG				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tfo	rm : Yes				
B. Physical Characteristics of Stack:		120				
Height of stack from ground level (m)	`	: 38				
Height of sampling point from ground level (m	:					
Diameter of Stack at sampling point (m)	: 0.60					
Area of stack (m²)	: 0.283					
C. Analysis/ Characteristic of Stack:	. NC					
Fuel consumption (Sm <sup>3</sup> /hr)	: NG					
Fuel consumption (Sm³/hr.)	ith	: 180				
Details of pollution control devices attached w	the stack:  :   Stack					



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TC-7085

## Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/12/06 **Issue Date:** 12/12/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	199		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	6.02		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	3728		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	9.46	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	6.25		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.56	270	Kg/day	IS-11255, (part-2) 2019					
7.	Nitrogen Oxide (as NO <sub>2</sub> )	92.01		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



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TC-7085

#### <u>Test Report</u> (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/12/07 **Issue Date:** 12/12/2023

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/12/07	<b>Issue Date:</b> 12/12/2023						
Name of Customer & Contact Details	:	,		ıstries Ltd.			
		,	_	gar, Eastern Express Highway Vikroli (E),			
			Mumbai – 400119. Mr. Abhijit Kanase.				
				8 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	,		ıstries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:			tmospheric Pollution			
Description of sample	:	Stack En	iiss	sion			
Sample Identification number	:	ST- 23/1					
Sample Quantity	:			; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			3, 10:20-10:48 hr.			
Sampling Environmental Conditions	:	Temp.:33	3°C	; Rain fall: No; P <sub>bar</sub> : 754 mmHg.			
Transportation Condition	:	Bottles <	<b>5</b> °	Thimbles in Bladders at			
				plastic container ambient temp.			
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	05/12/2					
Date of sample analysis	:		02	3 to 09/12/2023			
Sampling Equipment Used	:	ST-I-01					
Calibration status	:	, ,		3 to 14/01/2024			
Project/ Job number	Ŀ			11419 DT. 11.05.2023			
Reference of sampling	:			3/QR/7.3.3/R-02			
Method of sampling & preservation	:			AB/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	Ŀ	Tempera	emperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to				Thermic Fluid Heater/Thermo			
				Syphon heater FADP-2 TS-04 & TS-06			
Emission due to			:	Combustion of NG (TS-04 & TS-06)			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)	`		:	38			
Height of sampling point from ground level (m)							
Diameter of Stack at sampling point (m)			:	0.35			
Area of stack (m²)			:	0.096			
C. Analysis/ Characteristic of Stack:				NC			
Fuel agrammation			:	NG 56 Sm3/hr			
Fuel consumption  Details of pollution control devices attached with	ith	the	:	56 Sm <sup>3</sup> /hr. Stack			
stack:	ıtıl	uic	•	JIACK			
siain.							



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/12/07 **Issue Date:** 12/12/2023

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	187		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	6.70		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	1451		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	11.45	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	7.17		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.25	125	Kg/day	IS-11255, (part-2) 2019					
7.	Nitrogen Oxide (as NO <sub>2</sub> )	86.05		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.



Anjan Pramanik (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Stack Emission)

	<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/12/08						
Name of Customer & Contact Details	:	,		ıstries Ltd.			
				gar, Eastern Express Highway Vikroli			
			(E), Mumbai – 400119. Mr. Abhijit Kanase.				
		<b>⊘77118</b>	25	86 ⊠abhijit.kanase@godrejinds.com			
Name of Site	:			ustries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:	Chemica	ıl: A	Atmospheric Pollution			
Description of sample	:	Stack En	niss	sion			
Sample Identification number	:	ST- 23/1					
Sample Quantity	:	SO <sub>2</sub> :1Bo	ttle	; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			3, 11:30-12:04 hr.			
Sampling Environmental Conditions	:	Temp.:3	2°C	; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <	< 5°	Thimbles in Bladders at			
			, ,	plastic container   ambient temp.			
Sample Monitored & Transported by	<u> </u> :	AESPL					
Date of sample receipt	<b>:</b>	05/12/2					
Date of sample analysis	:		202	3 to 09/12/2023			
Sampling Equipment Used	:	ST-I-01					
Calibration status	:			3 to 14/01/2024			
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:			3/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	Ŀ	Tempera	atu	ure: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			:	Boiler 16043(HP) & 14335 (MP)			
Emission due to			:	Combustion of NG & Mixed oil (16043 HP & 14335 MP-Boiler)			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m	1)		:				
Diameter of Stack at sampling point (m)			:	0.85			
Area of stack (m <sup>2</sup> )			:	0.568			
C. Analysis/ Characteristic of Stack:				NC . Missad sil			
Fuel used			:	NG + Mixed oil			
Fuel consumption	ri+h	th o	:	57 Sm <sup>3</sup> /hr. + 1570 kg/hr.			
Details of pollution control devices attached w stack:	'iin	uie	:	Stack			



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#### **Test Report** (Stack Emission)

**Issue Date:** 12/12/2023 Ref. No.: AESPL/LAB/C/ST-23/12/08

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	198	-	°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	5.60		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	7004	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	46.99	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	32.94	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.15	293	Kg/day	IS-11255, (part-2) 2019					
7.	Nitrogen Oxide (as NO <sub>2</sub> )	57.12		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017					

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



**Anjan Pramanik** (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

## Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/12/09				Issue Date: 12/12/2023			
Name of Customer & Contact Details : Godre						_	
					Eastern Express High		
		` '			00119. Mr. Abhijit K		
					₫ <u>abhijit.kanase@god</u>		
Name of Site	:		-		es Ltd. Ambernath P	lant Dist-Thane	
Discipline & Group	:	Chemi	ical	: Atmo	spheric Pollution		
Description of sample	:	Stack	Em	ission			
Sample Identification number	:	ST- 23	-				
Sample Quantity	:	SO <sub>2</sub> :11	3ot	tle; NO	2:1 Bottle; Thimble-	1.	
Date & Time of sampling	:				2:45-13:21 hr.		
Sampling Environmental Conditions	:	Temp.	:32	°C; Ra	in fall: No; P <sub>bar</sub> : 753 ı		
Transportation Condition	:				Thimbles in	Bladders at	
		Bottle	s <	5°C	plastic container	ambient	
						temp.	
Sample Monitored & Transported by	:	AESPI		200			
Date of sample receipt	:	05/12	•		00 /40 /0000		
Date of sample analysis	:		-	023 to	09/12/2023		
Sampling Equipment Used	:	ST-I-0					
Calibration status	:	25/05	/20	023 to	25/05/2024		
Project/ Job number	:	PO#2	52	7011419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation		AESPI	ı/L	AB/SO	P/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>		Temp	era	cure: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			:	Boiler LP 15928 & 15926			
Emission due to			:	Combustion of Briquette at LP 15926 boiler			
Material of construction of stack			:	MS			
Shape of stack			:		Circular		
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m	1)		:				
Diameter of Stack at sampling point (m)			:	1.2			
Area of stack (m <sup>2</sup> )			:	1.131			
C. Analysis/ Characteristic of Stack:							
Fuel used			:		Briquette		
Fuel consumption			:		iette 50 ton/hr.		
Details of pollution control devices attached w	rith	the	:	Scrub	ober, Stack		
stack:							



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**Issue Date: 12/12/2023** 

#### Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-23/12/09

	1001112012/2021/0/01 20/12/09													
D. R	esult of Sampling & Analysis o	f Gaseous E	mission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis									
No.			Limits											
1.	Gas Temperature	125		°C	IS-11255, (part- 1,3) 2018-19									
2.	Gas velocity	4.40		m/s	IS-11255, (part- 1,3) 2018-19									
3.	Gas flow rate	12971		Nm³/hr.	IS-11255, (part- 1,3) 2018-19									
4.	Particulate Matter	61.41	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19									
5.	Sulphur Dioxide (as SO <sub>2</sub> )	40.00		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019									
6.	Sulphur Dioxide (as SO <sub>2</sub> )	12.45	260	Kg/day	IS-11255, (part-2) 2019									
7.	Nitrogen Oxide (as NO <sub>2</sub> )	64.94		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017									

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Anjan Pramanik (Authorized Signatory)



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TC-7085

#### <u>Test Report</u> (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 23/12/10 **Issue Date:** 12/12/2023

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 23/12/10	Issue Date: 12/12/2023									
Name of Customer & Contact Details	:	Godrej Industries Ltd.								
				gar, Eastern Express Highway Vikroli (E),						
				00099.Mr. Abhijit Kanase.						
Name of Site	: Godrej Industries Ltd. Ambernath Plant Dist-Tha									
Discipline & Group	:	: Chemical: Atmospheric Pollution								
Description of sample	:	Stack Emi	issi	ion						
Sample Identification number	:	ST- 23/12	•							
Sample Quantity	:	SO <sub>2</sub> :1Bott	le;	NO <sub>2</sub> :1 Bottle; Thimble-1.						
Date & Time of sampling	:			3, 14:00-14:28 hr.						
Sampling Environmental Conditions	:	Temp.:32	°C;	Rain fall: No; P <sub>bar</sub> : 753 mmHg.						
Transportation Condition	:	Bottles <	5°(	Thimbles in Bladders at						
C 1 M 1 10 M 11			_	plastic container   ambient temp.						
Sample Monitored & Transported by	<b> :</b>	AESPL	122							
Date of sample receipt	:	05/12/20								
Date of sample analysis	:		)23	3 to 09/12/2023						
Sampling Equipment Used	1	: ST-I-01								
Calibration status	: 14/01/2023 to 14/01/2024									
Project/ Job number	:			9419 DT. 09.05.2023						
Reference of sampling	:			/QR/7.3.3/R-02						
Method of sampling & preservation	:	, , , , ,								
Environmental Condition while Testing	ŀ	Temperature: 27°C; RH-40%								
A. General Information About Stack:										
Stack Connected to			:	FADP-7 Briquette Fired Thermic						
				Fluid Heater						
Emission due to			:	Combustion of Solid Briquette						
Material of construction of stack			:	MS						
Shape of stack	-		:	Circular						
Whether stack is provided with permanent pla	tto	rm	:	Yes						
B. Physical Characteristics of Stack:				20						
Height of stack from ground level (m)	`		:	30						
Height of sampling point from ground level (m	)			0.25						
Diameter of Stack at sampling point (m)  Area of stack (m <sup>2</sup> )			:	0.35						
C. Analysis/ Characteristic of Stack:		:	0.090							
Fuel used			:	Briquette						
Fuel consumption (Kg/hr.)			:							
Details of pollution control devices attached w	ith	the stack	:	Wet Scrubber						
Details of political control devices attached w	1111	uic stack.	•	W Ct DCI UDDCI						



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 23/12/10 **Issue Date:** 12/12/2023

D. R	esult of Sampling & Analysis o	of Gaseous E	mission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	157		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	6.31		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	1455		Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	55.67	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	35.71		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.25	29	Kg/day	IS-11255, (part-2) 2019								
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	57.37		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022								

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/13 **Issue Date:** 08/12/2023

	AESPL/LAB/C/W-23/12/	113	)			L	ssue Date: (	08/12/2023			
	f Customer& Contact	:	God	rej	Industri	es Ltd					
Details						Eastern Expre					
			Vikı	oli	East, Mu	ımbai – 4000'	79				
			Mr.	Abh	ijit Kanse	2770982586,E	mail:				
			<u>abhi</u>	jit.l	kanase@	godrejinds.com	<u>n</u>				
Name of	f Site	:	God	Godrej Industries Ltd.Ambernath Plant. Dist-Thane							
Nature o	of Sample	:	Efflu	Effluent <b>Location of Sample</b> : RO 3 R							
	Sample Drawn	:			2023	Time of Sam		: 10.00 am			
	Drawn By	:	AES			Transported		: AESPL			
	Sample Receipt	:			2023	Sample Iden		: W- 23/12/13			
Sample	Quantity & Container	:				ı; <b>F-</b> 1lit, Plastic	can & <b>B</b> -500	ml, Amber colored			
Data of	Carranta Arraharia		Glas			C /12 /2022					
	Sample Analysis mental Conditions at site	:	02/.	:		6/12/2023	O°C Air Tom	perature: 30°C,			
Elivitoli	mental Conditions at site			•				perature: 50 C,			
Transno	ortation Condition			:		urrounding was clean. : pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &					
Transpo				•		Water Tempe					
Project,	Job number			:		6419 dtd 09		J			
Referen	ce of Sampling			:	AESPL/	LAB/QR/7.3.3,	/R-02				
	of Sampling & Preservatio			: AESPL/LAB/SOP/7.3.1/W-01							
Environ	mental Condition while Te	esti	ing								
Sr.No.	Parameter					Result	Meth	od of analysis			
1.	pH @ 25°C					7.52	APHA-201	17(4500H+-B)			
2.	Turbidity, NTU					<2.0	APHA-201	17(2130-B)			
3.	Suspended Solids @ 103	°C,	mg/			38	APHA-201	17(2540-D)			
4.	Chemical Oxygen Deman	ıd,	mg/l	П		630	APHA-201	17(5220-B)			
5.	Total Dissolved Solids@	18	0°С, г	ng/	<b>'</b> l	12900	APHA-201	17(2540-C)			
6.	Chloride as Cl-, mg/l					160	APHA-201	17(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l				1090	APHA-201	17(4500SO <sub>4</sub> <sup>2</sup> E)				
8.	Residual Chlorine, mg/l				0.56	APHA-201	17(4500Cl <sup>-</sup> -B)				
9.						1136		17(2340-C)			
10.	Iron as Fe, mg/l				0.030 APHA-2017(3500Fe-						
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-201	17(4500SiO <sub>2</sub> -C)			
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (I	Part 39) RA2019			
14.	. 01										

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/14 **Issue Date:** 08/12/2023

Ref. No.:	AESPL/LAB/C/W-23/12,	/14				Issue Date: 08/12/2023						
	f Customer& Contact	:	God	rej	j Industries Ltd							
Details			Piro	Pirojshanagar, Eastern Express Highway								
				7ikroli East, Mumbai – 400079								
				r. Abhijit Kanse 770982586,Email:								
			_	abhijit.kanase@godrejinds.com								
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
	of Sample	:	Efflu			<b>Location of S</b>		:	RO 3 Product			
	Sample Drawn	:			2023	Time of Sam		:	10.10 am			
	Drawn By	:	AES		2000	Transported		:	AESPL			
	Sample Receipt			2023	Sample Iden		:					
Sample	Quantity & Container	:	Glas			; <b>F</b> -111t, Plastic	can & <b>B</b> -500	m.	l, Amber colored			
Date of 9	Sample Analysis					6/12/2023						
	mental Conditions at site	•	02/	:		emperature: 2	9°C. Air Temi	ner	rature: 30°C.			
			-		ding was clean		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	acaron 50 d,				
Transpo	ortation Condition			: A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &								
					F: < 6°C	Water Tempe	rature: < 6°C	Co	old storage.			
	/ Job number			:	252700	6419 dtd 09	May 2023					
	ce of Sampling			:		LAB/QR/7.3.3 <sub>/</sub>						
	of Sampling & Preservation			:		LAB/SOP/7.3.1						
	mental Condition while Te		ng	:	Ambient Temperature: 29.7°C and Humidity: 59%							
Sr.No.	Parameter	<u> </u>				Result			of analysis			
1.	рН @ 25°C					7.25		`	(4500H+-B)			
2.	Turbidity, NTU			< 2.0 APHA-2017								
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-201	.7(	(2540-D)			
4.	Chemical Oxygen Deman	ıd,	mg/l			30	APHA-201	7(	(5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	'l	390	APHA-201	7(	(2540-C)			
6.	Chloride as Cl-, mg/l					65	APHA-201	7(	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					44	APHA-201	.7(	(4500SO <sub>4</sub> <sup>2</sup> E)			
8.	Residual Chlorine, mg/l				(4500Cl <sup>-</sup> -B)							
9.	Hardness CaCO <sub>3</sub> , mg/l				56	APHA-201	7(	(2340-C)				
10.	Iron as Fe, mg/l			0.030 APHA-2017(3500Fe-				(35 <mark>00Fe-B)</mark>				
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-201	7(	(4500SiO <sub>2</sub> -C)			
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (I	ar	t 39) RA2019			

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/15 **Issue Date:** 08/12/2023

Kei. No.:	AESPL/LAB/C/W-23/12	/15	)		Issue Date: 08/12/2023						
	f Customer& Contact	:	God	rej	j Industries Ltd						
Details			Piro	jsh	anagar, l	Eastern Expre	ss Highway				
				ikroli East, Mumbai – 400079							
					jit Kanse 770982586,Email:						
				bhijit.kanase@godrejinds.com							
Name of					es Ltd.Amberr		)is	,			
	of Sample	Efflu			Location of Sa		:	RO 2 Product			
	Sample Drawn		2023	Time of Samp		:	10.15 am				
	Drawn By	:	AES		2000	Transported		:	AESPL		
	Sample Receipt	:			2023	Sample Ident		:			
Sample	Quantity & Container	1	A-11 Glas			i; <b>F</b> -1lit, Plastic	can & <b>B</b> -500	m.	l, Amber colored		
Date of	Sample Analysis					6/12/2023					
	mental Conditions at site	•	02/	:		emperature: 29	oc Air Temr	) er	rature: 30°C		
Liivii oii	inicital conditions at site			•		ding was clean.		,,,	ature. 50 G,		
Transpo	ortation Condition			: A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &							
•						Water Temper					
Project/	/ Job number			:	252700	6419 dtd 09 N	May 2023				
	ce of Sampling			:		LAB/QR/7.3.3/					
	of Sampling & Preservation			:	·	LAB/SOP/7.3.1					
	mental Condition while To		ng	:	Ambient Temperature: 29.7°C and Humidity: 59%						
Sr.No.	Parameter	•			Result Method of analysis						
1.	рН @ 25°C					7.28		_ `	(4500H+-B)		
2.	Turbidity, NTU			<2.0 APHA-2017(21					[2130-B)		
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-201	7(	(2540-D)		
4.	Chemical Oxygen Demar	ıd,	mg/l			20	APHA-201	7(	[5220-B)		
5.	Total Dissolved Solids@	18	0°С, r	ng/	1	100	APHA-201	7(	[2540-C]		
6.	Chloride as Cl-, mg/l					28	APHA-201	7(	(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					8.4	APHA-201	7(	(4500SO <sub>4</sub> <sup>2</sup> E)		
8.	Residual Chlorine, mg/l			< 0.56 APHA-2017(4500Cl-							
9.	Hardness CaCO <sub>3</sub> , mg/l				54	APHA-201	7(	[2340-C]			
10.	Iron as Fe, mg/l				0.031 APHA-2017(3500Fe-				[3500Fe-B)		
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-201	7(	(4500SiO <sub>2</sub> -C)		
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (P	ar	t 39) RA2019		

#### Note:

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Reshma S. Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/16 **Issue Date:** 08/12/2023

AESPL/LAB/C/W-23/12,	/16	)			<b>Issue Date:</b> 08/12/2023						
Customer& Contact	:	God	lrej Industries Ltd								
		Piro	, , ,								
			, ,								
	:						)is				
	:						:	RO 1 Product			
				2023			:	10.20 am			
				2022				AESPL W. 22 (12 (16			
	:										
Quantity & Container	•				i; <b>r</b> -111t, Plastic	can & <b>b</b> -500	Ш	i, Alliber colored			
Sample Analysis	:	02/1	12/								
mental Conditions at site			:	Water T	emperature: 29	9°C, Air Temp	oer	ature: 30°C,			
				Surroun	ding was clean			***************************************			
rtation Condition			:	-	· ·	-					
Ioh numbor							CC	olu Storage.			
-											
	n		:								
		ng	:			•	Iui	midity: 59%			
Parameter					Result Method of analysis						
pH @ 25°C					7.15	APHA-201	7(	(4500H+-B)			
Turbidity, NTU					< 2.0	APHA-201	7(	2130-B)			
Suspended Solids @ 103	°C,	mg/l			8.0	APHA-201	7(	(2540-D)			
Chemical Oxygen Deman	d, 1	mg/l			20	APHA-201	7(	5220-B)			
Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	100	APHA-201	7(	(2540-C)			
Chloride as Cl-, mg/l					25	APHA-201	7(	4500Cl <sup>-</sup> -B)			
Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					50	APHA-201	7(	(4500SO <sub>4</sub> <sup>2</sup> -E)			
Residual Chlorine, mg/l				0.56	APHA-2017(4500ClB)						
Hardness CaCO <sub>3</sub> , mg/l		56 APHA-2017(2340-C)				2340-C)					
Iron as Fe, mg/l					0.030 APHA-2017(3500Fe-B)						
Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-2017(4500SiO <sub>2</sub> -C)					
Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019					
	Site  of Sample Sample Drawn Drawn By Sample Receipt Quantity & Container  Sample Analysis mental Conditions at site  ortation Condition  Job number ce of Sampling of Sampling & Preservation mental Condition while Temph @ 25°C Turbidity, NTU Suspended Solids @ 103 Chemical Oxygen Demant Total Dissolved Solids@ Chloride as Cl-, mg/l Sulphate as SO42-, mg/l Residual Chlorine, mg/l Hardness CaCO3, mg/l Iron as Fe, mg/l Silica as SiO2, mg/l	Site :  of Sample : Sample Drawn : Drawn By : Sample Receipt : Quantity & Container : Sample Analysis : mental Conditions at site  ortation Condition  Job number ce of Sampling & Preservation mental Condition while Testi Parameter pH @ 25°C Turbidity, NTU Suspended Solids @ 103°C, Chemical Oxygen Demand, Total Dissolved Solids@ 18 Chloride as Cl-, mg/l Sulphate as SO42-, mg/l Residual Chlorine, mg/l Hardness CaCO3, mg/l Iron as Fe, mg/l Silica as SiO2, mg/l	Customer& Contact  Customer& Customer  Custo	Customer& Contact  Customer& Contact  Customer& Contact  Codrej Pirojsh Vikroli Mr. Abh abhijit.I  Ciste Codrej Co	Customer& Contact    Customer& Contact	Customer& Contact	Customer& Contact   :   Godrej Industries Ltd   Pirojshanagar, Eastern Express Highway   Vikroli East, Mumbai – 400079   Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com   Site   :   Godrej Industries Ltd.Ambernath Plant. I   Godrej Industries Ltd.Ambernath Plant. I   Coation of Sample   Coation of Sample	Customer& Contact			

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



### Test Report (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/17 **Issue Date:** 08/12/2023

Kel. I	10.: AESPL/LAB/C/W-23/12,	11/	<u>'</u>	Issue Date: 08/12/2023									
	Name of Customer & Contact : Godrej Industries Ltd  Details : Godrej Industries Ltd  Pirojshanagar, Eastern Express Highway												
Deta	ils		Piro	jsh	anagar	, Eastern Express	s Highway						
			Vikr	oli	East, M	lumbai – 400079							
			Mr.	Abh	ijit Kans	se 770982586,Em	ail:						
					•	godrejinds.com							
Nam	e of Site	:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane									
Natu	re of Sample	:	Efflu			Location of Sar		:	ETP - Outlet				
	of Sample Drawn	:			2023	Time of Sampl		:	10.30 am				
	ole Drawn By	AES			Transported B		:						
	of Sample Receipt	02/1	12/	2023	Sample Identif		:	W- 23/12/17					
	ole Quantity & Container				an; <b>F</b> -1lit, Plastic ca		m	l, Amber colored					
			Glas	s bo	ottle								
Date	of Sample Analysis	06/12/2023											
Envi	ronmental Conditions at site			:		Temperature: 29°	C, Air Temp	er	ature: 30°C,				
				Surrounding was clean.									
Tran	sportation Condition			:		<2.0 with H <sub>2</sub> SO <sub>4</sub> , B							
						C Water Tempera		Co	old storage.				
	ect/ Job number			:		06419 dtd 09 M							
	rence of Sampling			:	AESPL	/LAB/QR/7.3.3/R	-02						
	od of Sampling & Preservation			:		/LAB/SOP/7.3.1/\							
	ronmental Condition while Te	esti	ing	:		nt Temperature: 2			-				
Sr.	Parameter with unit			F	Result	MPCB Consent	Meth	00	d of analysis				
No.						Limit							
1.	рН @ 25°C				7.20	6.0 to 8.5			(4500H+-B)				
2.	Suspended Solids @ 103°C, mg				12	< 100	APHA-201		•				
3.	Chemical Oxygen Demand, mg	<u>/l</u>			60	< 250	APHA-201						
4.	Biochemical Oxygen Demand				18	< 100	IS-3025 (I	<b>7-</b> 4	l4) RA2019				
	@ 27°C for 3 days, mg/l	_			=00	2400	4 DVV 4 . 0.0 4		(0=10,0)				
5.	Total Dissolved Solids @ 180°	ng/l		520	< 2100		17(2540-C)						
6. Chloride as Cl., mg/l					90 70	< 600		17(4500ClB)					
	7. Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					< 1000			(4500SO <sub>4</sub> <sup>2</sup> -E)				
8.	Total Ammoniacal Nitrogen as mg/l	111	13,	1	< 0.56	< 50	APHA-ZU	-2017(4500NH <sub>3</sub> -B&C)					
9.	Anionic detergent as MBAS, m	σ /1			< 0.04	< 5	APHA-201	(5540 <sub>-</sub> C)					
10.	Oil & Grease, mg/l	<u> </u>			< 2.0	< 10			39) RA2019				
10.	on & di casc, ilig/i			1	~ L.U	<b>\ 10</b>	10-0040 (I		フラコスロムロエフ				

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

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- 4. Decision Rule is applied.



Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-23/12/18 **Issue Date:** 08/12/2023

Kei. No.:	: AESPL/LAB/C/W-23/12/	116	3	Issue Date: 08/12/2023								
	f Customer& Contact	:	God	rej	Industri	es Ltd						
Details			Piro	jsh	anagar, I	Eastern Exp	ress Highway					
			Vikr	Vikroli East, Mumbai – 400079								
			Mr. A	Abh	ijit Kanse	770982586	,Email:					
			abhi	abhijit.kanase@godrejinds.com								
Name o	f Site	••	God	Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
	of Sample	:		Effluent Location of Sample : ETP In								
Date of	Sample Drawn	:	02/1	2/	2023		mple Drawn	:	10.40 am			
	Drawn By	:	AESI			Transport	•	:				
	Date of Sample Receipt : 0						entification	:				
Sample	Quantity & Container				; <b>F-</b> 1lit, Plas	tic can & <b>B</b> -500	m	l, Amber colored				
			Glas									
	Sample Analysis	:	02/1			6/12/2023						
Environ	mental Conditions at site		:		-	: 29°C, Air Tem <sub>l</sub>	oei	rature: 30°C,				
m	: 0 1:::				Surrounding was clean.  A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &							
Transpo	ortation Condition			•								
Droject	/ Job number			:			perature: < 6°C, 19 May 2023	C	oiu storage.			
	ce of Sampling					LAB/QR/7.3						
	of Sampling & Preservatio	n		<u>:</u>		LAB/SOP/7.						
	mental Condition while Te		nσ				re: 29.7°C and I	In	midity: 59%			
Sr.No.	Parameter	Jour	iig	•		sult			of analysis			
1.	pH @ 25°C					.90	APHA-2017(4					
2.	Suspended Solids @ 103°C,	mo	<del>,</del> /1	=		32	APHA-2017(2					
3.	Chemical Oxygen Demand,					510	APHA-2017(5					
4.	Biochemical Oxygen Demar		/ 1			275	IS-3025 (Part					
7.	@ 27°C for 3 days, mg/l	ıu			11	., 0	15 5025 (1 41 t	•	J 1412019			
5.	Total Dissolved Solids @ 18	0°0	C.		8	90	APHA-2017(2	54	0-C)			
6.	Chloride as Cl-, mg/l					50	APHA-2017(4					
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l			170 APHA-2017(450								
8.	Total Ammoniacal Nitrogen	NH <sub>3</sub> ,		< 0.56 APHA-2017(4500NH <sub>3</sub> -B8								
	mg/l		,						,			
9.	Anionic detergent as MBAS	, m	g/l		< 0.04 APHA-2017(5540-C)				0-C)			
10.	Oil & Grease, mg/l				< 2.0 IS-3025 (Part 39) RA201				9) RA2019			
							,					

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#### **Test Report** (Workplace)

Ref: AESPL/LAB/C/W	VP-23/12	/01		( • •	ornplace	-,	Issue Da	te	: 09/12/2023				
Name of Customer &	:	td			,								
Contact Details			ojsĥanagar, Eastern Express Highway										
		Vikroli East, Mumbai – 400079											
			Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com										
Name of Site	<del>-  </del> -				dustries L		<u>uomjunt</u>	• • • • • • • • • • • • • • • • • • • •	ase e godrejmasteom				
Name of Site	•		•										
D : :: CC 1						ist-Thane							
Description of Sample	<u>:</u>	Wor											
Location of Sampling	<u>:</u>		_		near scrub	ber							
Date of Sampling	<u>:</u>	02/											
Sampling Time	:			1(	0:30 hr.	Duration		:	30 min.				
Sample Drawn By	:	AES				Transported	l By	:	AESPL				
Date of Sample Receipt	:		/12/2023   <b>Sample</b>   :   A-23/12/01 PM-1paper; SPM-1NRD Cap.										
Sample Quantity &	:			_	·	•							
Date of Sample Analysis			4/12/2023 to 07/12/2023										
Sampling Environmenta		ions											
Transportation Condition	n		: Filter papers in plastic container										
Sampling Equipment				:		ıme Sampler R							
Calibration Status				:	Calibrate	d on 31/12/20	22 due on	30	/12/2023				
Project/ Job number				:	PO#2527	006419 DT. 09	9.05.2023						
Reference of Sampling				:	AESPL/LA	AB/QR/7.3.3/I	R-02						
Method of Sampling & P	reservat	ion		:	AESPL/L	AB/SOP/7.3.1,	/WP-01						
<b>Environmental Conditio</b>	n while			:	Ambient'	Temperature:	27.6°C and	H	umidity: 69%				
Parameter			Limits as	s per	Method o	of	sampling & analysis						
SPM, mg/m <sup>3</sup>	M, mg/m $^3$ 0.374 15					(PEL)]	IS 5182 (F	32 (Part 23) RA2017					
RSPM, mg/m <sup>3</sup>	5mg/m <sup>3</sup> [OSHA (PEL)] IS 51				IS 5182 (F	S 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

### Test Report (Workplace)

Iccua Dato: 00/12/2022

Ref: AESPL/LAB/C/WP-23/12/02

Ref: AESPL/LAB/C/W	/P-23/12 <sub>/</sub>	/02	<b>Issue Date:</b> 09/12/2023											
Name of Customer &	:	: Godrej Industries Ltd												
Contact Details		Pirojshanagar, Eastern Express Highway												
		Vikroli East, Mumbai – 400079												
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.												
Name of Site		Godrej I				domjie.k	um	use e godrejmas.com						
Name of Site	•	,												
D 1 11 CC 1				Plant. D	ist-Thane									
Description of Sample : Workplace														
Location of Sampling	:	AOS plan												
Date of Sampling	:	02/12/2	023	3										
Sampling Time	:	2:30 to 3:	00	hr.	Duration		:	30 min.						
Sample Drawn By	:	AESPL			Transported	l By	:	AESPL						
Date of Sample Receipt		04/12/2	023	3 Sample			:	A-23/12/02						
Sample Quantity &		SO <sub>2</sub> -30m	X	1No.										
<b>Date of Sample Analysis</b>		04/12/2	023	3 to 07/12	2/2023									
Sampling Environmenta	l Conditi	ons	Example 15 Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.											
Transportation Condition	n		: Filter papers in plastic container											
Sampling Equipment			: High Volume Sampler RDS-I-09											
Calibration Status			: Calibrated on 31/12/2022 due on 30/12/2023					30/12/2023						
Project/ Job number			:	PO#252	27006419 DT.	09.05.202	3							
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02								
Method of Sampling & P	reservati	on	:	AESPL/	LAB/SOP/7.3	1/WP-01								
<b>Environmental Conditio</b>	n while T	esting	:	Ambien	it Temperatur	e: 27.6°C a	nd	Humidity: 69%						
Parameter	Result						d of sampling & analysis							
SO <sub>2</sub> , mg/m <sup>3</sup>	$O_2$ , mg/m <sup>3</sup> 0.032 13 m					13 mg/m³ [OSHA (PEL)] IS 5182 (								
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	NA [0	OSHA (PEL)] IS 518				S 5182 (Part 2) RA2017							

#### PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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> **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-2	3/12	2/03				Issue Da	ate	e: 09/12/2023					
Name of Customer &													
Contact Details		Pirojshanagar, Eastern Express Highway											
		Vikroli East, Mumbai – 400079											
				it Kanse 770982586, Email: abhijit.kanase@godrejinds.com									
Name of Site	1:	Godrej I											
		,			ist-Thane								
Description of Sample	٠.	Workpla		1 lant. D	13t Hanc								
Location of Sampling	T:	Fatty acid		round flo	oor								
Date of Sampling	T	02/12/2			501								
Sampling Time	1	1:45 to 2			Duration		:	30 min.					
Sample Drawn By	:	AESPL			Transported	l By	:	AESPL					
Date of Sample Receipt	:	04/12/2					:	A-23/12/03					
Sample Quantity &	:	nMHC-1E	3lad	lder; SPM	I-1NRD Cap.								
Date of Sample Analysis	:	04/12/2	023										
Sampling Environmental Co	ndit	ions	:	Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition			:	Filter papers in plastic container									
Sampling Equipment			<u> </u> :		olume Samplei								
Calibration Status			<u> </u> :	Calibrated on 31/12/2022 due on 30/12/2023									
Project/ Job number			:	PO#25	27006419 DT.	09.05.202	3						
Reference of Sampling			<u> </u> :		LAB/QR/7.3.3								
Method of Sampling & Prese			:		<u>/LAB/SOP/7.3</u>								
<b>Environmental Condition w</b>		:	•				Humidity: 69%						
Parameter Result					s as per		od of sampling & analysis						
SPM, mg/m <sup>3</sup>	0.3	367	15mg/m³ [OSHA (PEL)] IS			IS 5182 (	IS 5182 (Part 23) RA2017						
nMHC, ppm	nMHC, ppm 0.22					NA [OSHA (PEL)] APHA134							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

Ref: AESPL/LAB/C/V	VP-23/2	12/0 <sup>4</sup>	4				Issue Da	ate	e: 09/12/2023	
Name of Customer &		: Go	odrej	In	dustries L	td				
Contact Details		Pi	rojsł	nan	agar, East	ern Express l	Highway			
		Vi	kroli	Ea	ast, Mumb	ai – 400079	•			
		M	r. Abl	nijit	t Kanse 770	982586, Ema	il: abhijit.k	an	ase@godrejinds.com	
Name of Site		-			dustries L					
			,		th Plant. D					
Description of Sample			orkp			15t Thane				
Location of Sampling					Plant – 2 <sup>nd</sup>	floor				
Date of Sampling			02/12/2023							
Sampling Time		1:	00 to	1:3	30 hr.	Duration		:	30 min.	
Sample Drawn By		: AI	ESPL			Transported	d By	:	AESPL	
Date of Sample Receipt		: 04	1/12/	20	23	Sample		:	A-23/12/04	
Sample Quantity &					per; SPM-1					
Date of Sample Analysis				20	23 to 07/1					
Sampling Environmenta		ition	S	:				0;	P <sub>bar</sub> : 754 mmHg.	
Transportation Condition	on			:		ers in plastic o				
Sampling Equipment				:		<u>ıme Sampler R</u>				
Calibration Status				:		d on 31/12/20		30	/12/2023	
Project/ Job number				:	PO#2527	006419 DT. 09	9.05.2023			
Reference of Sampling				:		AB/QR/7.3.3/1				
Method of Sampling & P			1	:		AB/SOP/7.3.1,				
Environmental Condition	<u>n while</u>	9		:		Temperature:				
Parameter	Resi	ult			Limits a	s per	Method	of	sampling & analysis	
SPM, mg/m <sup>3</sup>	0.36	50	151	mg,	/m³ [OSHA	(PEL)]	IS 5182 (	Pai	rt 23) RA2017	
RSPM, mg/m <sup>3</sup>	0.12	27	5m	g/ı	m³ [OSHA (	PEL)]	IS 5182 (	Pai	rt 23) RA2017	

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

Ref: AESPL/LAB/C/V	VP-23/1	2/05	<u> </u>				Issue Da	ate	e: 09/12/2023
Name of Customer &	:	Go	drej Ir	ıdι	ıstries L	td			
Contact Details		Pir	rojshai	nag	gar, East	ern Express l	Highway		
			•	•	-	ai – 400079	0 0		
					•		il: abhiiit.k	an	ase@godrejinds.com
Name of Site		-			istries L		<u></u>		
	-		,			ist-Thane			
Description of Sample	<u> </u>		orkplac		Flaiit. D	11St-1 Halle			
Location of Sampling	- :		iler ho						
Date of Sampling			02/12/2023 12:00 to 12:30 hr. <b>Duration</b> : 30 min.						
Sampling Time	- :			LZ:.	30 hr.	Duration	1.0	:	30 min.
Sample Drawn By	:	_	SPL			Transported	а Ву	:	AESPL
Date of Sample Receipt	:		/12/20			Sample		:	A-23/12/05
Sample Quantity &						И-1NRD Cap.			
Date of Sample Analysis				)23	to 07/1				
Sampling Environmenta		tions	S	:	Temper	rature:28-38°(	C; Rain fall:	No	o; P <sub>bar</sub> : 754 mmHg.
Transportation Condition	on			:	Filter p	apers in plasti	c containe	r	
Sampling Equipment				:	High Vo	olume Sampler	RDS-I-09		
Calibration Status				:	Calibra	ted on 31/12/	2022 due d	on	30/12/2023
Project/ Job number				:	PO#252	27006419 DT.	09.05.202	3	
Reference of Sampling				:	AESPL/	LAB/QR/7.3.3	3/R-02		
Method of Sampling & P	reserva	tion		:	AESPL/	LAB/SOP/7.3	.1/WP-01		
<b>Environmental Condition</b>	n while	Test	ting	:	Ambien	nt Temperatur	e:27.6°C ar	nd	Humidity: 69%
Parameter	Resu	lt			Limits a	s per	Method	of	sampling & analysis
SO <sub>2</sub> , mg/m <sup>3</sup>	0.03	6	13 m	g/r	n³ [OSHA	(PEL)]	IS 5182 (	Pai	rt 2) RA 2017
SPM, mg/m <sup>3</sup>	0.30	7	15 mg	g/r	n³ [OSHA	(PEL)]	IS 5182 (	Pai	rt 23) RA 2017

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

Def AECDI /LAD/C	' /MD 22 /4:	2.406	(	inplact	c,	Inches Dat		- 00 /12 /2022
Ref: AESPL/LAB/C	./WP-23/12	1				issue Dat	e	: 09/12/2023
Name of Customer &	:	,		stries L				
Contact Details		Pirojsh	anag	ar, East	ern Express	Highway		
		Vikroli	East	, Mumb	ai – 400079			
		Mr. Abh	iiit K	anse 770	)982586. Ema	il: abhijit.kaj	na	ase@godrejinds.com
Name of Site		-		stries L				6
	-	_			ist-Thane			
Description of Comple	_			Fidill. D	rist-i mane			
Description of Sample		Workpl		1 ct []				
Location of Sampling	:	1		1 <sup>st</sup> Floor				
Date of Sampling	- :	02/12/20		20.1.	Describes			20
Sampling Time	- :	11:00 to	) 11:3	30 nr.	Duration	:		30 min.
Sample Drawn By	. :	AESPL	0000	_	Transported	d By :		AESPL
Date of Sample Recei		04/12/			Sample	:		A-23/12/06
Sample Quantity &	. :				NRD Cap.			
Date of Sample Analy		0 1/ 1=/	<u> 2023</u>				_	
Sampling Environmen		tions						No; P <sub>bar</sub> : 754 mmHg.
Transportation Cond	ition		:		papers in plas		r	
Sampling Equipment			:		Volume Sampl			
Calibration Status			:		ated on 31/12			n 30/12/2023
Project/ Job number					527006419 D'		3	
Reference of Samplin			:		L/LAB/QR/7.3			
Method of Sampling &	& Preserva	tion	:		L/LAB/SOP/7			
<b>Environmental Condi</b>	tion while	Testing	:	Ambi	ent Temperatı			d Humidity: 69%
Parameter	Res	ult		Limits	s as per	Method of	f:	sampling & analysis
SPM, mg/m <sup>3</sup>	0.33	36	15n	ng/m³ [C	OSHA (PEL)]	IS 5182 (Pa	ar	t 23) RA2017
RSPM, mg/m <sup>3</sup>	0.13	30	5m	g/m³ [05	SHA (PEL)]	IS 5182 (Pa	ar	t 23) RA2017

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

Ref: AESPL/LAB/0	C/WP-23/	12	/07				Issue Da	te	: 09/12/2023		
Name of Customer &		:	Godrej Ind	dus	tries L	td					
<b>Contact Details</b>			Pirojshan	aga	r, East	ern Express H	ighway				
						ai - 400079					
							: abhiiit.ka	n	ase@godrejinds.com		
Name of Site			Godrej Ind				· <u></u>		8		
Tunic of Site		•	Ambernat								
Description of Sampl	0	_	Workplace		Iant. D	ist-i iiaiie					
Location of Sampling		<u>:</u>			Λια						
Date of Sampling		•		SPD Bag Filing Area 02/12/2023							
Sampling Time		÷	11:00 to 1		) hr	Duration		:	30 min.		
Sample Drawn By		÷	AESPL	1.00	, 1111	Transported	Bv	:	AESPL		
Date of Sample Recei	pt	÷	04/12/202	23		Sample	29	:	A-23/12/07		
Sample Quantity &	P -	i	RSPM-1pa		SPM-1		L				
Date of Sample Analy	sis	:									
Sampling Environme		liti		:			C; Rain fall	: N	No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Cond</b>				:	Filter	papers in plast	ic containe	er			
Sampling Equipment				:	High V	olume Sample:	r RDS-I-07	i			
<b>Calibration Status</b>				:	Calibr	ated on 31/12 <sub>/</sub>	/2022 due	or	30/12/2023		
Project/ Job number				:	PO#25	527006419 DT.	09.05.202	23			
Reference of Samplin				:		./LAB/QR/7.3.					
Method of Sampling 8				:		LAB/SOP/7.3/					
<b>Environmental Cond</b>				:	Ambie	nt Temperatur			d Humidity: 69%		
Parameter	Re	sul	t		Limit	s as per	Met	hc	od of sampling &		
									analysis		
SPM, mg/m <sup>3</sup>	0.3	322	2 1	5mg	g/m³ [0	SHA (PEL)]	IS 5182	(Pa	art 23) RA2017		
RSPM, mg/m <sup>3</sup>	0.1	120	5	mg/	/m³ [OS	HA (PEL)]	IS 5182	(Pa	art 23) RA2017		

#### PEL-Permissible Exposure Limit.

Conformity Statement: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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#### **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/30 Issue Date: 19/01/2024

	NO. ALSI L/LAD/C/ A-29							1554	c Dutc. 1	. 7/	01/2024
Name of	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica								
Descript	tion of Sample	:	Ambien	t A	ir						
Location	of Sampling	:	Near Ma	ate	rial g	ate					
Date of S	Sampling	:	08/01/2	202	24 to	09/01/	/2024	4			
Samplin	g Time	:	09:30 to	09	9:30	hr.	Dur	ation		:	24 Hr.
Sample l	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL
Date of S	Sample Receipt	:	09/01/2	202	24		Sam	ple Identifi	ication	:	A-24/01/30
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	D <sub>2</sub> :1 Bot	ttle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1
			Bottle; I	3la	dder	:1; Char	coal '	Tube:1			
	Sample Analysis	:	10/01/2	202	24to	17/01/	2024	•			
	g Environmental Condi	tio	ns	: Temperature: 26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.							
Transpo	rtation Condition			:		tles <	Fi	lter papers i	n Bla	dd	ers, charcoal tube
					5°C			astic contair	ner   at a	ml	pient temp.
	g Equipment			:		S-I-04 8					
	ion Status			:				30/12/2023		0/	12/2024
	Job number			:				.9 DT. 11.05			
	ce of Sampling			:				R/7.3.3/R-02			
	of Sampling & Preserva			:				P/7.3.1/A-0			
	mental Condition while	Te		:				27°C, RH: 40			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		29.3			80		μg/m³			Part 2) RA2017
2.	Nitrogen dioxide as NO	2	42.5			80		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		127.			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		45.4			60		μg/m³			Part 24) 2019
5.	Carbon monoxide as Co	)	0.9			04 *		mg/m³			art 11) RA2019
6.	Ozone as O <sub>3</sub>		16.9			180		μg/m³			oart 9) RA2019
7.	Ammonia as NH <sub>3</sub>		32.2			400		μg/m <sup>3</sup>			oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	,	< 0		_	01*		ng/m³			oart 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd
11.	Nickel as Ni		< 5			20 *		ng/m³			method 822-3rdEd
11.	Arsenic as As	_	< 5			06*		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	(p	oart 11) RA2022

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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#### **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/31 Issue Date: 19/01/2024

	NO ALSI L/LAD/C/ A-24							1554	c Dutc. 1	. 7/	01/2024
Name of	Customer & Contact	:	Godrej I								
Details			Pirojsha	ına	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica								
Descript	tion of Sample	:	Ambien	t A	ir	-					
Location	of Sampling	:	Near Ma	ain	gate						
Date of S	Sampling	:	08/01/2	202	24 to	09/01/	/2024	1			
Samplin	g Time		09:45 to	09	9:45	hr.	Dur	ation		:	24 Hr.
Sample l	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL
Date of S	Sample Receipt	:	09/01/2	202	24		Sam	ple Identifi	ication	:	A-24/01/31
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	D <sub>2</sub> :1 Bot	ttle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1
			Bottle; I	3la	dder	:1; Char	coal '	Tube:1			
	Sample Analysis	:	10/01/2	202	24 to	17/01	/2024	1			
	g Environmental Condi	tio	ns	: Temperature: 26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.							
Transpo	ortation Condition			:		tles <	Fi	lter papers i	n Bla	dd	ers, charcoal tube
					5°C			astic contair	ner   at a	ml	pient temp.
	g Equipment			:		S-I-05 8					
	ion Status			:				30/12/2023		0/	12/2024
	Job number			:				9 DT. 11.05			
	ce of Sampling			:				R/7.3.3/R-02			
	of Sampling & Preserva			:				P/7.3.1/A-0			
	mental Condition while	Te		:				27°C, RH: 40			
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		39.8			80		μg/m³			Part 2) RA2017
2.	Nitrogen dioxide as NO	2	49.4			80		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		124.			100		μg/m³			Part 23) RA2022
4.	PM <sub>2.5</sub>		37.5			60		μg/m³			Part 24) 2019
5.	Carbon monoxide as CO	)	0.8		_	04 *		mg/m <sup>3</sup>			oart 11) RA2019
6.	Ozone as O <sub>3</sub>		20.6		_	180		μg/m³			oart 9) RA2019
7.	Ammonia as NH <sub>3</sub>		43.9			400		μg/m <sup>3</sup>			part 25) RA 2018
8.	Benzo(a)pyrene as BaF	,	< 0			01*		ng/m³			part 12) 2004
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd
11.	Nickel as Ni		< 5			20*		ng/m <sup>3</sup>			method 822-3rdEd
11.	Arsenic as As		< 5			06*		ng/m³			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	(p	oart 11) RA2022

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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#### **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/01/32 Issue Date: 19/01/2024

	NO. ALSI L/LAD/C/ A-24							1554	c Date.	. 7/	01/2024
Name of	Customer & Contact	:	Godrej I								
Details			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	ijit.kanas	se@	ogodrejinds.com
Name of	Site	:	Godrej I	Ind	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica	al: 1	Atmo	spherio	Poll	ution			
Descript	tion of Sample	:	Ambien	t A	ir						
Location	of Sampling	:	Near ET	'P							
Date of S	Sampling	:	08/01/2	202	24 to	09/01/	/2024	1			
Samplin	g Time	:	10:00 to	10	0:00	hr.	Dur	ation		•••	24 Hr.
Sample l	Drawn By	:	AESPL				Trai	nsported By	y	:	AESPL
Date of S	Sample Receipt	:	09/01/2	202	24		Sam	ple Identifi	ication	:	A-24/01/32
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	) <sub>2</sub> :1 Bot	tle; P	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1
			Bottle; I	Bla	dder	1; Char	coal '	Tube:1			
	Sample Analysis	:	10/01/2	202							
	g Environmental Condi	tio	ns	: Temperature: 26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.							
Transpo	rtation Condition			:		tles <		lter papers i			ers, charcoal tube
					5°C			<u>astic contair</u>	ner   at a	ml	pient temp.
	g Equipment			:		S-I-06 8					
	ion Status			:				30/12/2023		0/	12/2024
	Job number			:				9 DT. 11.05			
	ce of Sampling			:				R/7.3.3/R-02			
	of Sampling & Preserva			:		•		P/7.3.1/A-0			
	mental Condition while	Te		:				27°C, RH: 40		_	
Sr. No.	Parameter		Res			Limit		Unit			f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		23.4		_	80		μg/m³			Part 2) RA2017
2.	Nitrogen dioxide as NO	2	36.7		_	80		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		119.			100		μg/m <sup>3</sup>			Part 23) RA2022
4.	PM <sub>2.5</sub>		50.0			60		μg/m <sup>3</sup>			Part 24) 2019
5.	Carbon monoxide as CO	)	0.8			04*		mg/m <sup>3</sup>			oart 11) RA2019
6.	Ozone as O <sub>3</sub>		14.5			180		μg/m <sup>3</sup>			part 9) RA2019
7.	Ammonia as NH <sub>3</sub>		28.6		-	400 01 **		μg/m <sup>3</sup>			part 25) RA 2018
8.	Benzo(a)pyrene as BaP		< 0					ng/m³			part 12) 2004
9.	Lead as Pb		< 0			1.0 20 *		μg/m <sup>3</sup>			method 822-3rdEd
11.	Nickel as Ni		< 5			06 *		ng/m <sup>3</sup>			method 822-3rdEd
11.	Arsenic as As		< 5			05 *		ng/m <sup>3</sup>			method 302-3rdEd
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.∠		U5 <sup>*</sup>		μg/m³	19 2187	ιp	oart 11) RA2022

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- Any query related to this report will be entertained within 15 days of the report issue date only.



(Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



#### **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/33 Issue Date: 19/01/2024

	110 ALSI L/LAD/C/ A-24							1004	c Dutci i	- /	01/2024		
	f Customer & Contact	:	Godrej I										
Details			Pirojsha	ına	gar, l	Eastern	Expr	ress Highwa <u>r</u>	y Vikroli	(E)	, Mumbai 400119.		
			Mr. Abh	ijit	Kana	ase ⊘77	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	godrejinds.com		
Name of	f Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne			
Disciplin	ne & Group	:	Chemica	al: <i>I</i>	Atmo	spheric	. Poll	ution					
Descript	tion of Sample	:	Ambien	t Ai	ir								
Location	n of Sampling		Near AC	)S									
Date of S	Sampling	:	08/01/2	202	24 to	09/01/	/2024	4					
Samplin	g Time	:	10:20 to	10	0:20	hr.	Dur	ation		••	24 Hr.		
Sample	Drawn By	:	AESPL				Tra	nsported By	y	••	AESPL		
Date of S	Sample Receipt	:	09/01/2								A-24/01/33		
Sample	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	O <sub>2</sub> :1 Bot	tle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	s-1; O <sub>3</sub> : 1	Во	ttle & NH3:1		
			Bottle; I	3lac	dder	:1; Char	coal	Tube:1					
	Sample Analysis		10/01/2	202									
	g Environmental Condi	tio	ns	:			perature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 m						
Transpo	ortation Condition			:		tles <		lter papers i			ers, charcoal tube		
					5°C				iner   at ambient temp.				
	g Equipment			:		S-I-09 8							
	ion Status			:				30/12/2023		0/	12/2024		
	/ Job number			:				19 DT. 11.05					
	ce of Sampling			:				R/7.3.3/R-02					
	of Sampling & Preserva			:				P/7.3.1/A-0					
	mental Condition while	Te		<u> </u>				27°C, RH: 40					
Sr. No.	Parameter		Res			Limit		Unit			f Analysis		
1.	Sulphur dioxide as SO <sub>2</sub>		26.9		_	80 3		μg/m <sup>3</sup>			art 2) RA2017		
2.	Nitrogen dioxide as NO	2	46.5			80 3		μg/m <sup>3</sup>			art 6) RA2022		
3.	PM <sub>10</sub>		138.			100		μg/m <sup>3</sup>		_	art 23) RA2022		
4.	PM <sub>2.5</sub>	_	46.2			60		μg/m <sup>3</sup>			art 24) 2019		
5.	Carbon monoxide as CO	)	0.7			04*		mg/m <sup>3</sup>			art 11) RA2019		
6.	Ozone as O <sub>3</sub>	_	22.1			180		μg/m <sup>3</sup>			art 9) RA2019		
7.	Ammonia as NH <sub>3</sub>	_	36.2			400 01 **	*	μg/m <sup>3</sup>			art 25) RA 2018		
8.	Benzo(a)pyrene as BaF	_	< 0					ng/m <sup>3</sup>			art 12) 2004		
9.	Lead as Pb	_	< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd		
11.	Nickel as Ni		< 5			20 **		ng/m <sup>3</sup>			method 822-3rdEd		
11.	Arsenic as As		< 5			06 **		ng/m <sup>3</sup>			method 302-3rdEd		
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	ጥጥ	μg/m³	15 5182	: (p	art 11) RA2022		

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- Any query related to this report will be entertained within 15 days of the report issue date only.



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018** Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



#### **Test Report** (Illumination)

**Ref. No.:** AESPL/LAB/C/L-23/01/03 **Issue Date:** 13/01/2024

Name of Customer &	:	Godrej Industr	ies Ltd					
<b>Contact Details</b>		Pirojshanagar,	Eastern Exp	ress Highway Vi	ikrol	i East, Mumbai 400079 Mr.		
		Abhijit Kanase	. 770982586	Email:abhijit.ka	nase	@godrejinds.com		
Name of Site	:	Godrej Industr	ies Ltd Amb	ernath Plant Dist	t-Tha	ane		
<b>Monitoring Details</b>	:	Daytime & Nig	httime					
<b>Location Details</b>	:	At the Peripher	ry of Site					
Date of Sampling	:	08/01/2024	Period of S	Sampling	:	50 min		
Start & End Time of	:	12.15 hr -	Start & End	d Time of	:	20.30 pm-21.20hr		
Sampling (Daytime)		13.05hr	Sampling (Nighttime)					
Monitored By	:	AESPL	Transport	ed By	:	AESPL		
Date of Data Receipt	:	09/01/2024	Sample Ide	entification	:	L-24/01/03		
Environmental	:	Climate: Clear		Ambient Ten	np: 2	29°C-31°C		
Transportation	:	Illumination D	ata sheet is	kept in folder a	and s	safely transported to laboratory		
Condition		along with Lux	meter.					
Sampling Equipment	:	Testo Lux-540	L-I-01					
Calibration Status	:	Calibrated on 1	18/08/2023;	calibration due	on 1	7/08/2024		
Project/ Job Number	:	2527006419 d	td 09 May 20	023				
Reference of Sampling	:	AESPL/LAB/Q	R/7.3.3/R-02	2				
Method of Sampling	:	IS 3646: RA201	18					

Sr.	Location	Location Categories as per MFR - Rule No. 35 based	Lux	Level	Recommended Illumination as per MFR -
No.	Zocación	on Schedule 'A'/'B'	Day time	Night time	Rule No. 35 – Std. of Lighting in factories
1.	Main Gate to Powerhouse Road	Road area (Main entrance)	>4000	36	20
2.	Material Gate Road	Road area (Exit Road or backside entrance)	>4000	112	20
3.	FSP Plant Gr. Floor	Plant area (platforms of outdoor plants)	173	98	50
4.	FSP First Floor	Plant area (platforms of outdoor plants)	129	92	50
5.	SFA Tank Farm	Tank farm (Stock Yard)	>4000	25	20
6.	FADP Plant Gr. Floor	Plant area (platforms of outdoor plants)	252	83	50
7.	FADP First Floor	Plant area (platforms of outdoor plants)	205	148	50
8.	FADP South Tank Farm	Tank farm (Stock Yard)	>4000	82	20
9.	FADP North Tank Farm	Tank farm (Stock Yard)	>4000	132	20
10.	HYD Gr. Floor	Plant area (platforms of outdoor plants)	152	68	50
11.	HYD First Floor	Plant area (platforms of outdoor plants)	99	88	50
12.	HYD Tank Farm	Tank farm (Stock Yard)	>4000	55	20



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

					TC-7085
13.	AOS Ground Floor	Plant area (platforms of outdoor plants)	132	57	50
14.	SPD Ground Floor	Plant area (platforms of outdoor plants)	134	84	50
15.	SPD First Floor	Plant area (platforms of outdoor plants)	92	79	50
16.	AOS Tank Farm	Tank farm (Stock Yard)	>4000	38	20
17.	Boiler house	Boiler Area	182	106	100
18.	R&D Laboratory	Laboratory (inspection and testing of products)	185	Closed	200
19.	QC Laboratory	Laboratory (inspection and testing of products)	210	245	200
20.	Raw Material Stores tank farm	Tank farm (Stock Yard)	>4000	62	20
21.	Flaker & Packing Building	Packing Area	175	82	100
22.	ETP Area	Plant area (platforms of outdoor plants)	>4000	85	20
23.	Fire water Pump house	Plant area (platforms of outdoor plants)	182	104	50
24.	FP Store	Warehouse	175	55	50
25.	Canteen	Canteen area	233	172	200
26.	Receiving Substation	Substation (slight disc- crimination essential)	163	150	100
27.	Main Substation	Substation (slight disc- crimination essential)	235	165	100

**Conformity Statement**: Lux Levels at all the locations are found to be acceptable as per the recommended range.

#### Note:

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Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-708

### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/01/38 **Issue Date:** 13/01/2024

Name	e of Customer &	:	Godrej Industries Ltd			
Conta	ct Details		Pirojshanagar, Easteri	n Express Highway Vikrol	i Ea	ast, Mumbai 400079
				0982586Email:abhijit.ka		
Name	of Site	:	Godrej Industries Ltd	Ambernath Plant Dist-Th	ane	)
Discip	oline & Group	:	Chemical: Atmospheri	c Pollution		
Descr	ription of Sample	:	_			
Locat	ion Details	:	Inside factory			
Date o	of Sampling	:	08/01/2024	Period of Sampling	:	Spot
Start	& End Time of	:	11.30 Hr 12.30Hr.	Start & End Time of	:	22.40 Hr23.40Hr.
Samp	ling (Daytime)			Sampling (Nighttime)		
Monit	tored By	:	AESPL	Transported By	:	AESPL
Date o	of Data Receipt	:	09/01/2024	Sample Identification	:	N-24/01/38
Envir	onmental Condition	:	Climate: Clear	Ambient Ter	np	: 27°C to 30°C
Trans	sportation	:	Noise Data sheet is ke	ept in folder and safely to	ran	sported to laboratory
Condi	ition		along with Noise meter	er.		
Samp	ling Equipment	:	Noise meter - Centre (	C-390 SL-I-08		
Calibi	ration Status	:	Calibrated on 29/04/2	2023; calibration due on 2	28/	04/2024
Proje	ct/Job Number	:	PO#2527006419 DT.	09.05.2023		
Refer	ence of Sampling	:	AESPL/LAB/QR/7.3.3	/R-02		
Metho	od of Sampling	:	IS 9989 RA:2020			
Metho Sr.	od of Sampling	:		Noise Day Time		Noise Nighttime
Metho Sr. No.	od of Sampling	: Loc	IS 9989 RA:2020	Noise Day Time dB(A)		dB(A)
Metho Sr. No.	od of Sampling I Near ETP	: Loc	IS 9989 RA:2020	Noise Day Time dB(A) 69.8		<b>dB(A)</b> 67.5
Metho Sr. No. 1. 2.	od of Sampling  Near ETP FAD Plant	: Loc	IS 9989 RA:2020	Noise Day Time dB(A) 69.8 66.2		<b>dB(A)</b> 67.5 61.9
Metho Sr. No. 1. 2. 3.	Near ETP FAD Plant Tank farm		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9		dB(A) 67.5 61.9 59.8
Metho Sr. No. 1. 2. 3. 4.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7		dB(A) 67.5 61.9 59.8 62.5
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1		dB(A) 67.5 61.9 59.8 62.5 68.5
Metho Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9 62.0
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5 63.5 64.9		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9 62.0 61.8
Metho Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5 63.5 64.9		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9 62.0 61.8 65.0
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate Flaker's section		IS 9989 RA:2020 ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5 63.5 64.9 67.8		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9 62.0 61.8 65.0 61.9
Methors Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWE Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	Pla	ation	Noise Day Time dB(A) 69.8 66.2 62.9 66.7 70.1 63.2 59.0 66.1 65.4 66.0 59.5 63.5 64.9		dB(A) 67.5 61.9 59.8 62.5 68.5 59.0 57.5 62.9 60.0 63.3 57.9 62.0 61.8 65.0

**Conformity Statement**: Noise Levels at all the locations are found to be below the stipulated limits. **Note:** 

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Anjan Pramanik. (Authorized Signatory)

# a e s

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-708

### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/01/39 **Issue Date:** 11/01/2024.

	1 1-1								1 - 1 -					
Name o	f Customer & Contact	:	Godrej Indus	tries Ltd										
Details														
	Mr. Abhijit Kanase. 770982586Email: abhijit.kanase@godrej													
Name o	f Site	:	Godrej Indus	tries Ltd	Ambernath	Plant Dist-T	Γhane	,						
Discipli	ine & Group		Chemical: Atmospheric Pollution											
Descrip	otion of Sample	:	DG Noise											
Locatio	n Details	:	DG-1500KVA	1										
Date of	Sampling	:	09/01/2024	Pe	riod of San	npling	:	DG	Spot					
Start Ti	me of Sampling	:	12:40Hr.	En	d Time of S	Sampling	:	12.5	50Hr					
Monitor	red By	:	AESPL	Tr	ansported	By	:	AES	PL					
Date of	Data Receipt	:	09/01/2024	Sa	mple Ident	ification	:	: N-24/01/39						
Environ	nmental Condition	:	Climate: Clea	ar		Ambien	it Ter	<b>np:</b> 2	9ºC					
Transp	ortation Condition	:	Noise Data slalong with No			and safely	trans	porte	ed to laboratory					
Samplin	ng Equipment	:	Noise meter - Centre C-390 SL-I-08											
Calibrat	tion Status	:	Calibrated on 29/04/2023; calibration due on 28/04/2024											
Project	/ Job Number	:	P0#2527006419 DT. 09.05.2023											
Referen	nce of Sampling	:	AESPL/LAB/QR/7.3.3/R-02											
Method	l of Sampling	:	IS 4758 RA:2017											
Sr			Sound Pressure Level dB(A)											
No.	Location		Reading	s from 0.	5 m away f	rom DG	Λ τ	ď	Difference					
	DG-1500KVA		East	West	South	North	Av	g.	Difference					
1.	Door closed		72.6	72.4	72.1	73.8	72	.7	25.5					
	Door opened		98.4	97.8	97.6	98.9	98	.2	45.5					

#### Limits:

Insertion loss of 25dBA as per consent

**Conformity Statement**: The monitoring undertaken indicates that DG Noise Quality value for insertion loss is within consent limit.

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. DG set Sound Pressure Level measured at 0.5m from the enclosure.
- 4. Any query related to this report will be entertained within 15 days of the report issue date only.



Anjan Pramanik. (Authorized Signatory)

# S

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/01/40 **Issue Date:** 13/01/2024

Name of Customer &		Godrej Industries Lt	d			10/01/2021							
Contact Details	Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai												
		400079  Mr. Abbijit Kanasa 770082586Fmail:abbijit kanasa@godrajinds.com											
		Mr. Abhijit Kanase. 770982586Email: abhijit.kanase@godrejinds.com											
Name of Site	••	Godrej Industries Ltd Ambernath Plant Dist-Thane											
Discipline & Group		Chemical: Atmosphe	Chemical: Atmospheric Pollution										
Description of Sample	:	Workplace Noise											
<b>Location Details</b>	:	AOS Plant Air Dryer	Bed										
Date of Sampling	:	08/01/2024	Period of Sa	ımpling	:	08 hrs.							
Start Time of Sampling	:	10.00 hr.	End Time o	f Sampling	:	18.00 hr.							
Monitored By	:	AESPL	Transporte			AESPL							
Date of Data Receipt	:	09/01/2024	Sample Ide	ntification	:	N-24/01/40							
<b>Environmental Condition</b>	:	Climate: Clear				<b>1p:</b> 28ºC-34ºC							
Transportation Condition	:	Noise Data sheet is l	kept in folder	and safely tra	nsp	orted to laboratory							
		along with Noise meter.											
Sampling Equipment	:	Noise meter - Centre											
Calibration Status	:	Calibrated on 29/04		ation due on	28/	04/2024							
Project/ Job Number	:	PO#2527006419 DT	Γ. 09.05.2023										
Reference of Sampling	:	AESPL/LAB/QR/7.3	3.3/R-02										
Method of Sampling	:	IS 9989 RA:2020											
Time (hrs.)		Loc	ation: AOS P		er B	Bed							
10.00 to 11.00				33.1									
11.00 to 12.00				34.6									
12.00 to 13.00				35.2									
13.00 to 14.00				34.8									
14.00 to 15.00				34.5									
15.00 to 16.00			{	36.7									
16.00 to 17.00			87.1										
17.00 to 18.00				86.4									
Avg. SPL			3	<b>5.3</b>									
Limit as per Factory Act				90									

**Conformity Statement:** Noise Levels at given location are found below the stipulated limits.

#### Note:

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Reshma S. Patil. (Authorized Signatory)

# e s

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

#### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/01/41 **Issue Date:** 13/01/2024

<b>Rel. No</b> AESF L/LAD/C/N-24/	U I	./ 11		133uc D	att	. 13/01/2024							
Name of Customer &	:	Godrej Industries Lt	:d										
Contact Details		Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079											
		400079  Mr. Abbijit Kanase 770982586Fmail:abbijit kanase@godrejinds.com											
		Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>											
Name of Site	:		Godrej Industries Ltd Ambernath Plant Dist-Thane										
Discipline & Group		Chemical: Atmosphe	eric Pollution										
Description of Sample	:	Workplace Noise											
<b>Location Details</b>	:	DM Plant Air Compr	essor										
Date of Sampling	:	08/01/2024	Period of Sa		:	08 hrs.							
Start Time of Sampling	:	10.00 hr.	End Time of	f Sampling	:	18.00 hr.							
Monitored By	:	AESPL	Transporte		:	AESPL							
Date of Data Receipt	:	09/01/2024	Sample Idea	ntification	:	N-24/01/41							
<b>Environmental Condition</b>	:	Climate: Clear		Ambient 7	en	<b>1p:</b> 28ºC-34ºC							
Transportation Condition	:	Noise Data sheet is l	kept in folder	and safely tra	nsp	orted to laboratory							
		along with Noise me											
Sampling Equipment	:	Noise meter - Centre	e C-390 SL-I-0	16									
Calibration Status	:	Calibrated on 29/04		ation due on	28/	04/2024							
Project/ Job Number	:	PO#2527006419 DT											
Reference of Sampling	:	AESPL/LAB/QR/7.3	3.3/R-02										
Method of Sampling	:	IS 9989 RA:2020											
Time (hrs.)		Loc	ation: DM Pla		res	sor							
10.00 to 11.00				33.1									
11.00 to 12.00				33.5									
12.00 to 13.00			{	32.9									
13.00 to 14.00				32.4									
14.00 to 15.00				35.3									
15.00 to 16.00				34.6									
16.00 to 17.00				35.8									
17.00 to 18.00				34.7									
Avg. SPL				84.0									
Limit as per Factory Act				90									

**Conformity Statement:** Noise Levels at given location are found below the stipulated limits.

#### Note:

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Reshma S. Patil. (Authorized Signatory)

# S

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

### Test Report (Noise)

Contact Details	ds.com									
A00079   Mr. Abhijit Kanase. 770982586Email:abhijit.kanase@godrejing   Name of Site	ds.com									
Mr. Abhijit Kanase. 770982586Email: abhijit.kanase@godrejing   Name of Site	ds.com									
Name of Site	ds.com									
Discipline & Group   Chemical: Atmospheric Pollution										
Description of Sample   : Workplace Noise   Location Details   : Flaker Plant Section     : 08/01/2024   Period of Sampling   : 08 hrs.     : 08/01/2024   Period of Sampling   : 08 hrs.     : 10.00 hr.     End Time of Sampling   : 18.00 hr.										
Location Details   :   Flaker Plant Section										
Date of Sampling: 08/01/2024Period of Sampling: 08 hrs.Start Time of Sampling: 10.00 hr.End Time of Sampling: 18.00 hr.Monitored By: AESPLTransported By: AESPLDate of Data Receipt: 09/01/2024Sample Identification: N-24/01/4Environmental Condition: Climate: ClearAmbient Temp: 28°C-34°CTransportation Condition: Noise Data sheet is kept in folder and safely transported to labe along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Start Time of Sampling: 10.00 hr.End Time of Sampling: 18.00 hr.Monitored By: AESPLTransported By: AESPLDate of Data Receipt: 09/01/2024Sample Identification: N-24/01/4Environmental Condition: Climate: ClearAmbient Temp: 28°C-34°CTransportation Condition: Noise Data sheet is kept in folder and safely transported to labe along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Monitored By: AESPLTransported By: AESPLDate of Data Receipt: 09/01/2024Sample Identification: N-24/01/4Environmental Condition: Climate: ClearAmbient Temp: 28⁰C-34⁰Transportation Condition: Noise Data sheet is kept in folder and safely transported to labe along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Date of Data Receipt: 09/01/2024Sample Identification: N-24/01/4Environmental Condition: Climate: ClearAmbient Temp: 28°C-34°CTransportation Condition: Noise Data sheet is kept in folder and safely transported to labe along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Environmental Condition: Climate: ClearAmbient Temp: 28°C-34°CTransportation Condition: Noise Data sheet is kept in folder and safely transported to laboral along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Transportation Condition: Noise Data sheet is kept in folder and safely transported to labe along with Noise meter.Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
along with Noise meter.  Sampling Equipment: Noise meter - Centre C-390 SL-I-02  Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024  Project/ Job Number: PO#2527006419 DT. 09.05.2023  Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02  Method of Sampling: IS 9989 RA:2020  Time (hrs.): Location: Flaker Plant Section										
Sampling Equipment: Noise meter - Centre C-390 SL-I-02Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: PO#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section	oratory									
Calibration Status: Calibrated on 28/11/2023; calibration due on 27/11/2024Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Project/ Job Number: P0#2527006419 DT. 09.05.2023Reference of Sampling: AESPL/LAB/QR/7.3.3/R-02Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Reference of Sampling       : AESPL/LAB/QR/7.3.3/R-02         Method of Sampling       : IS 9989 RA:2020         Time (hrs.)       Location: Flaker Plant Section										
Method of Sampling: IS 9989 RA:2020Time (hrs.)Location: Flaker Plant Section										
Time (hrs.)  Location: Flaker Plant Section										
10.00 to 11.00										
11.00 to 12.00 74.1										
12.00 to 13.00 73.5										
13.00 to 14.00 72.6										
14.00 to 15.00 74.1										
15.00 to 16.00 78.3	78.3									
16.00 to 17.00 76.8										
17.00 to 18.00 75.4										
Avg. SPL 75.1										
Limit as per Factory Act 90										

**Conformity Statement:** Noise Levels at given location are found below the stipulated limits.

#### Note:

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Reshma S. Patil. (Authorized Signatory)

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

#### Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/01/43 **Issue Date:** 13/01/2024

Rei. No.: AESPL/LAD/C/N-24/	υı	./43		issue Da	ate	: 13/01/2024							
Name of Customer &	••	Godrej Industries Lt	d										
Contact Details		Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai											
		400079  Mr. Abbijit Kanasa 770082586Fmail abbijit kanasa@godrojinds co											
		Mr. Abhijit Kanase. 770982586Email: abhijit.kanase@godrejinds.com											
Name of Site	••	Godrej Industries Lt	d Ambernath	Plant Dist-Th	ane	<u>)</u>							
Discipline & Group		Chemical: Atmosphe	eric Pollution										
Description of Sample	:	Workplace Noise											
<b>Location Details</b>	:	AOS plant Sulphur n	nelter										
Date of Sampling	:	08/01/2024	Period of Sa	mpling	:	08 hrs.							
Start Time of Sampling	:	10.00 hr.	End Time of		:	18.00 hr.							
Monitored By	:	AESPL	Transporte	d By	:	AESPL							
Date of Data Receipt	:	09/01/2024	Sample Idea	ntification	:	N-24/01/43							
<b>Environmental Condition</b>	:	Climate: Clear				<b>1p:</b> 28ºC-34ºC							
Transportation Condition	:	Noise Data sheet is l	kept in folder	and safely tra	nsp	orted to laboratory							
		along with Noise me											
Sampling Equipment	:	Noise meter - Centre	e C-390 SL-I-0	3									
Calibration Status	:	Calibrated on 28/11	/2023; calibr	ation due on 2	27/	11/2024							
Project/ Job Number	:	PO#2527006419 DT	Γ. 09.05.2023										
Reference of Sampling	:	AESPL/LAB/QR/7.3	3.3/R-02										
Method of Sampling	:	IS 9989 RA:2020											
Time (hrs.)		Loca	ation: AOS pl	ant Sulphur	mel	lter							
10.00 to 11.00				31.2									
11.00 to 12.00				32.6									
12.00 to 13.00			8	32.5									
13.00 to 14.00			8	33.2									
14.00 to 15.00			8	3.0									
15.00 to 16.00			8	84.1									
16.00 to 17.00			8	34.2									
17.00 to 18.00			8	32.8									
Avg. SPL			8	32.9									
Limit as per Factory Act				90									

**Conformity Statement:** Noise Levels at given location are found below the stipulated limits.

#### Note:

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Reshma S. Patil. (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018** Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222,

E-mail: pglab@aespl.co.in Tel: 9112844844,

CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



#### Test Report (Soil)

	f Customer & Contact	:		u	stries Lt	d	1334c Dute: 10/01/				
Details			Pirojshana	ıg	ar, Easte	ern	Express Highway Vik	rol	i E Mumbai-400079		
			Mr. Abhijit	K	Kanse 77	709	982586, Email: <u>abhijit.l</u>	kar	ase@godrejinds.com		
Name o	f Site	:	Godrej Ind	u	stries Lt	d	Ambernath Plant. Dist	:-T	hane		
Nature	ture of Sample : Soil						ocation of Sample : East M.G.1				
Date of	Sample Drawn	:	08/01/2024	4		Ti	me of Sample Drawn	:	02:30 pm		
	Drawn By	:					ransported By	:	AESPL		
	Sample Receipt					imple Identification	:	S-24/01/02			
	Quantity & Container	:	1kg; PG bag	_							
	Sample Analysis	09/01/2024	_								
	mental Conditions at si	te	:	_			n, <b>Colour</b> : Brown				
	ortation Condition		:	_			polythene bag in a dry	pla	ce		
	/ Job number		:	_			19 dtd 09 May 2023				
	ce of Sampling		:	_			B/QR/7.3.3/R-02				
	of Sampling & Preserva								maiditus 450/		
Sr.no	mental Condition while Parameter with Unit		ng : Ambient Temperature: 28.8°C and H Result Method of					-			
1.	pH@ 25°C	6.6				IS 2720 (part 26); RA2					
2.	Conductivity@ 25°C,		488				IS-14767; RA 2021	02	I .		
3.	Water content, %		8.				IS 2720 (part 2); RA20	20			
4.	WHC, %			6			AESPL/LAB/SOP/7.2.1		/S-10: 01.07.22		
5.	Organic Carbon, %			0.52			IS 2720 (part 22); RA2020				
6.	Available Nitrogen, %			0.0108			AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22				
7.	Available Phosphorus,		4				AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22				
8.	Potassium as K, kg/hecto	or	8	30			AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22				
9.	Chloride, mg/kg		3	30			AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22				
10.	Available Sulphur, mg/k	g	5	54			AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22				
11.	Sodium as Na, mg/kg		7	70			IS-9497; RA 2015				
12.	Calcium as Ca, meq/l		3	88			AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22				
13.	Magnesium as Mg, meq/	l	1	6			AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22				
14.	Iron as Fe, mg/kg	< (	0.2	2		EPA Method 3050B.2:1996					
15.	Nitrate as NO <sub>3</sub> , mg/kg	< 5	< 5.0			AESPL/LAB/SOP/7.2.1.2/S-25; 01.07.22					
16.	Bulk Density, g/cm <sup>3</sup>	0.9	0.94			AESPL/LAB/SOP/7.2.1.2/S-16; 01.07.22					
17.	Color				vn		AESPL/LAB/SOP/7.2.1	1.2	'S-22; 01.07.22		
10		Clay	Clay 76								
18.	Texture, %		Slit	12			AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22				
			F. Sand		12						

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Sushma A Gujar (Authorized Signatory)



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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222,

E-mail: pglab@aespl.co.in Tel: 9112844844,

CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/02 **Issue Date:** 16/01/2024

ICI.	NU.: AESPL/LAD/C/3-24/	O I	/ 0 2	188ue Date: 10/01/2024								
Name o	f Customer & Contact	:	Godrej Ir	Godrej Industries Ltd								
Details			Pirojshar	nag	gar, Easte	ern	Express Highway Vik	rol	i E Mumbai-400079			
			Mr. Abhiji	it K	anse 770	982	2586,Email: <u>abhijit.kana</u>	se (	@godrejinds.com			
Name of Site : Godrej Industries Ltd. Ambernath Plant. Dist-Thane								nane				
Nature	Nature of Sample : Soil					Lo	cation of Sample	:	East M.G.1			
Date of	Sample Drawn	••	08/01/20	)24		Ti	me of Sample Drawn	:	02:30 pm			
Sample	Drawn By	••	AESPL			Tr	ansported By		AESPL			
Date of	Date of Sample Receipt : 09/01/											
Sample	<b>Quantity &amp; Container</b>	:	1kg; PG b	ag (	& Alumin	um	container					
Date of	Sample Analysis	:	09/01/20	)24	to 15/01	./2	024					
Enviror	nmental Conditions at si	te		:	Area: Cl	lear	n, <b>Colour</b> : Brown					
Transp	ortation Condition			:	Kept soil in polythene bag in a dry place							
Project	/ Job number			:	2527006419 dtd 09 May 2023							
Referer	nce of Sampling			:	AESPL/LAB/QR/7.3.3/R-02							
Method	of Sampling & Preserva	tio	n	:	AESPL/	LAI	3/SOP/7.3.1/S-01					
Enviror	<b>Environmental Condition while Testing</b>					t Te	emperature: 28.8°C and	Hu	midity: 45%			
Sr. Parameter with Unit					Result		Method	of	analysis			
19.	19. Porosity, %				4		Soil Testing in India Mi January 2011	nis	stry of Agriculture, GoI,			

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Sushma A Gujar (Authorized Signatory)



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E-mail: pglab@aespl.co.in Tel: 9112844844,

CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



#### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/03 **Issue Date:** 16/01/2024

	of Customer & Contact		Godrej In	du	istries Lt	Н	133uc Date: 10/01	·/ <u>-</u>	V = 1		
Details		•	,				Express Highway Vik	rol	i F Mumbai_400079		
2 0 001115			•	_			82586, Email: <u>abhijit.k</u>				
Name o	of Site										
	of Sample	-	Soil	odrej Industries Ltd. Ambernath Plant. Dist-Thane oil Location of Sample : South Near							
Nature	oi sample	•	3011			LC	cation of Sample	•	South Near AOS		
D		-	00/04/00	2.4		m.	60 1 0	Corner			
	Sample Drawn	:	08/01/2024 AESPL				me of Sample Drawn	02:51 pm			
	Drawn By						ansported By	•	AESPL		
	Sample Receipt			9/01/2024   <b>Sample Identification</b>   :   S-24/01/0							
	Quantity & Container			kg; PG bag & Aluminum container 9/01/2024 to 15/01/2024							
	Sample Analysis	<u> </u>				•					
	nmental Conditions at si	ıe		:			n, <b>Colour</b> : Brown	nla	00		
	ortation Condition			:			polythene bag in a dry	μıa	LE		
	/ Job number						19 dtd 09 May 2023				
	nce of Sampling	<b>.</b>		:			3/QR/7.3.3/R-02				
	l of Sampling & Preservannesservannesservannesservannesservannesservannesservannesservannesservannesservannesse						AB/SOP/7.3.1/S-01 Cemperature: 28.8°C and Humidity: 45%				
Sr.	Parameter with Unit	res			<u>ambien</u> sult	ιι			analysis		
1.	pH@ 25°C			6.5			IS 2720 (part 26); RA2		· ·		
2.		/ 0200					** /	04	1		
3.	Conductivity@ 25°C, µS/	cm	-		4.2		IS-14767; RA 2021 IS 2720 (part 2); RA20	20			
4.	Water content, %		6.2				** /		/C 10, 01 07 22		
5.	WHC, %	_					AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22 IS 2720 (part 22); RA2020				
6.	Organic Carbon, %	_		0.94 0.0084			AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22				
	Available Nitrogen, %		U	_			AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22 AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22				
7.	Available Phosphorus,			1			AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22 AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22				
8.	Potassium as K, kg/hect	or		7							
9.	Chloride, mg/kg			2			AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22				
10.	Available Sulphur, mg/k	g		1			AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22				
11.	Sodium as Na, mg/kg			7			IS-9497; RA 2015	2	/C 11, 01 07 22		
12.	Calcium as Ca, meq/l	1		2			AESPL/LAB/SOP/7.2.1				
13.	Magnesium as Mg, meq/	l		0			AESPL/LAB/SOP/7.2.1				
14.	Iron as Fe, mg/kg				).2		EPA Method 3050B.2:1				
15.	Nitrate as NO <sub>3</sub> , mg/kg				5.0		AESPL/LAB/SOP/7.2.1				
16.	Bulk Density, g/cm <sup>3</sup>		0.9			AESPL/LAB/SOP/7.2.1					
17.	Color				wn		AESPL/LAB/SOP/7.2.1.2/S-22; 01.07.22				
18.	18.				72			_			
10.	Texture, %		Slit		14		AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22				
			F. Sand	14							

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Sushma A Gujar (Authorized Signatory)



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/03 **Issue Date:** 16/01/2024

		<u> </u>	, 00	· · ·							
Name of C	Customer & Contact	: Godrej Industries Ltd									
Details			Pirojsha	nag	gar, Easte	rn	Express Highway Vik	rol	i E Mumbai-400079		
			Mr. Abhij	it K	anse 7709	982	2586,Email: <u>abhijit.kana</u>	se@	godrejinds.com		
Name of S	Site	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane									
Nature of	Sample	:	Soil			Lo	cation of Sample	:	South Near AOS		
	•								Corner		
Date of Sa	ample Drawn	••	08/01/20	)24		Ti	me of Sample Drawn	:	02:51 pm		
Sample D	rawn By	:	AESPL			Tr	ansported By	:	AESPL		
Date of Sa	Date of Sample Receipt : 09/01/								S-24/01/03		
Sample Q	uantity & Container	:	1kg; PG b	ag (	& Aluminu	ım	container				
Date of Sa	ample Analysis	:	09/01/20	)24	to 15/01,	/2	024				
Environm	nental Conditions at sit	te		: Area: Clean, Colour: Brown							
Transpor	tation Condition			: Kept soil in polythene bag in a dry place					ce		
Project/ J	ob number			:	252700	64	19 dtd 09 May 2023				
Reference	e of Sampling			:	AESPL/L	LΑΕ	3/QR/7.3.3/R-02				
Method of	f Sampling & Preserva	tio	n		AESPL/L	LAE	3/SOP/7.3.1/S-01				
<b>Environmental Condition while Testing</b>					Ambient	Те	emperature: 28.8°C and	Hu	midity: 45%		
Sr. Parameter with Unit				Result			Method of analysis				
19. Porosity, %				30			Soil Testing in India Ministry of Agriculture, Gol, January 2011				

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E-mail: pglab@aespl.co.in Tel: 9112844844,

CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/04 **Issue Date:** 16/01/2024

	of Customer & Contact		Godrej In	du	etrice I t	F4	133ue Date. 10/01			
Details	i customer & contact	•	,				Ermana an Highroon Wils	l	: E Marraha: 400070	
Details							Express Highway Vik			
Management	CC'L-						982586, Email: abhijit.l			
Name o		:		ıau	istries Li		Ambernath Plant. Dist			
	of Sample	:	Soil				ocation of Sample	:	North Near ETP	
	Sample Drawn	, ,				me of Sample Drawn	03:10 pm			
	Drawn By	-					ransported By	:	AESPL	
	Sample Receipt	09/01/20				mple Identification	:	S-24/01/04		
	Quantity & Container		rg; PG bag & Aluminum container							
	Sample Analysis		09/01/20	124		•				
	nmental Conditions at si	te		:			n, <b>Colour</b> : Brown	_		
	ortation Condition			:			polythene bag in a dry	pla	ce	
	/ Job number		:			19 dtd 09 May 2023				
	nce of Sampling			:			B/QR/7.3.3/R-02			
	of Sampling & Preserva		:		/LAB/SOP/7.3.1/S-01					
	mental Condition while		: Ambient Temperature: Result				Method of analysis			
Sr.	Parameter with Unit	ŀ								
1.	pH@ 25°C	,		6.8			IS 2720 (part 26); RA2	02	1	
2.	Conductivity@ 25°C, μS/	cm			0.4		IS-14767; RA 2021	20		
3.	Water content, %			6.8			IS 2720 (part 2); RA20			
4.	WHC, %			42			AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22			
5.	Organic Carbon, %			1.98			IS 2720 (part 22); RA2020			
6.	Available Nitrogen, %		C	0.0280			AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22			
7.	Available Phosphorus,			74			AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22			
8.	Potassium as K, kg/hecto	or		80			AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22			
9.	Chloride, mg/kg			16			AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22			
10.	Available Sulphur, mg/kg	g		3			AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22			
11.	Sodium as Na, mg/kg			9	0		IS-9497; RA 2015			
12.	Calcium as Ca, meq/l			2	8		AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22			
13.	Magnesium as Mg, meq/	l		0	8		AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22			
14.	Iron as Fe, mg/kg				).2		EPA Method 3050B.2:1996			
15.	Nitrate as NO <sub>3</sub> , mg/kg				5.0		AESPL/LAB/SOP/7.2.1	.2	/S-25; 01.07.22	
16.	Bulk Density, g/cm <sup>3</sup>		0.95			AESPL/LAB/SOP/7.2.1.2/S-16; 01.07.22				
17.	Color		F	3ro	wn		AESPL/LAB/SOP/7.2.1	.2	/S-2 <del>2</del> ; 01.07. <del>2</del> 2	
10	Cla				72					
18.	Texture, %		Slit		16		AESPL/LAB/SOP/7.2.1	.2	/S-17; 01.07.22	
			F. Sand		12					
				_		_				

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Sushma A Gujar (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

### Test Report (Soil)

Name o	e of Customer & Contact : Godrej Industries Ltd											
Details			Pirojsha	Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079								
			Mr. Abhij	it K	anse 770	982	2586,Email: <u>abhijit.kana</u>	se@	@godrejinds.com			
Name o	f Site	Godrej II	ndu	ıstries Lt	td.	Ambernath Plant. Dist	-Tł	nane				
Nature	of Sample	:	Soil			Lo	ocation of Sample	:	North Near ETP			
	Sample Drawn	:	08/01/20	024		Ti	me of Sample Drawn	:	03:10 pm			
Sample	Drawn By	:	AESPL				ransported By	:	AESPL			
Date of	<b>Date of Sample Receipt</b> : 09/01/					Sample Identification : S-24/01/04						
Sample	Quantity & Container	:	1kg; PG b	ag	& Alumin	um	container					
	Sample Analysis	:	09/01/20	024	to 15/01	1/2	024					
Environ	nmental Conditions at si	te		:	Area: Cl	leai	n <b>, Colour</b> : Brown					
Transp	ortation Condition			:	: Kept soil in polythene bag in a dry place							
Project	/ Job number			: 2527006419 dtd 09 May 2023								
Referen	nce of Sampling			:	AESPL/	LAI	B/QR/7.3.3/R-02					
	l of Sampling & Preserva			:	AESPL/	LAI	B/SOP/7.3.1/S-01					
Enviror	<b>Environmental Condition while Testing</b>					t Te	emperature: 28.8°C and	Hu	midity: 45%			
Sr.	Sr. Parameter with Unit					Result M		ethod of analysis				
19.	19. Porosity, %				Soil Testing in India Ministry of Agricul January 2011			stry of Agriculture, GoI,				

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E-mail: pglab@aespl.co.in Tel: 9112844844,

CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/05 **Issue Date:** 16/01/2024

Ref. No.: AESPL/LAB/C/S-24/	0 1/ (			Industries		issue Date: 16/01		021				
Name of Customer & Contact												
Details		Piro	jsh	anagar, Eas	tern Exp	oress Highway Vi	kr	oli E Mumbai 400079				
		Mr. A	Mr. Abhijit Kanse 770982586, email: abhijit.kanase@godrejinds.com									
Name of Site	:	Godi	ҽј	Industries :	Ltd. Amł	ernath Plant. Di	st-'	Гhane				
Nature of Sample		Soil			Locatio	n of Sample		West Gate No.2				
Date of Sample Drawn		08/0	1/2	2024	Time of	f Sample Drawn : 03:40 pm						
Sample Drawn By						orted By	:	AESPL				
Date of Sample Receipt	<u> </u>					Identification	:	S-24/01/05				
Sample Quantity & Container	ample Quantity & Container : 1					tainer						
Date of Sample Analysis	:	09/0	1/2	2024 to 15/0								
<b>Environmental Conditions at sit</b>	te		:	Area: Clear								
Transportation Condition			:			ne bag in a dry pla	ce					
Project/ Job number			:			)9 May 2023						
Reference of Sampling			:	AESPL/LA								
Method of Sampling & Preserva			:	AESPL/LA								
<b>Environmental Condition while</b>	Tes	<u> </u>										
	Parameter with Unit							of analysis				
1. pH@ 25°C				7.12		IS 2720 (part 26)	, .	A2021				
2. Conductivity@ 25°C, μS/	cm			190.4		IS-14767; RA 202						
3. Water content, %				6.8		IS 2720 (part 2);						
4. WHC, %		34						.2.1.2/S-10; 01.07.22				
5. Organic Carbon, %		0.68			IS 2720 (part 22); RA2020							
6. Available Nitrogen, %			0.0108			AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22						
7. Available Phosphorus,				72		AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22						
8. Potassium as K, kg/hecto	or	80			AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22							
9. Chloride, mg/kg		16				AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22						
10. Available Sulphur, mg/kg	g			52		AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22						
11. Sodium as Na, mg/kg				80		IS-9497; RA 201	5					
12. Calcium as Ca, meq/l				34				.2.1.2/S-11; 01.07.22				
13. Magnesium as Mg, meq/	l			16		AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22						
14. Iron as Fe, mg/kg	9 1					EPA Method 3050B.2:1996						
15. Nitrate as NO <sub>3</sub> , mg/kg				< 5.0				.2.1.2/S-25; 01.07.22				
16. Bulk Density, g/cm <sup>3</sup>	Bulk Density, g/cm <sup>3</sup>					AESPL/LAB/SOF	7/7	.2.1.2/S-16; 01.07.22				
17. Color				Brown		AESPL/LAB/SOF	7/7	.2.1.2/S-22; 01.07.22				
10												
18. Texture, %		Slit			12	AESPL/LAB/SOP/7.2.1.2/S-17; 01.07						
		F. Sa	nd		10							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

### Test Report (Soil)

**Ref. No.:** AESPL/LAB/C/S-24/01/05 **Issue Date:** 16/01/2024

Name of Customer & Contact		:	Godrej Industries Ltd							
Details			Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079							
			Mr. Abhijit Kanse 770982586, email: abhijit.kanase@godrejinds.com							
Name of Site : Godrej				ej Industries Ltd. Ambernath Plant. Dist-Thane						
Nature of Sample :			Soil			Lo	Location of Sample		West Gate No.2	
Date of Sample Drawn			08/01/2024		Ti	me of Sample Drawn	:	03:40 pm		
Sample Drawn By			AESPL		Tı	ransported By	:	AESPL		
Date of Sample Receipt			09/01/2024		Sa	mple Identification	:	S-24/01/05		
Sample Quantity & Container : 1k			1kg; PG bag & Aluminum container							
<b>Date of Sample Analysis</b> : 09/01/20					024 to 15/01/2024					
<b>Environmental Conditions at site</b>				:	Area: Clean, Colour: Brown					
Transportation Condition			:	Kept soil in polythene bag in a dry place						
Project/ Job number			:	2527006419 dtd 09 May 2023						
Reference of Sampling					AESPL/LAB/QR/7.3.3/R-02					
Method of Sampling & Preservation					AESPL/LAB/SOP/7.3.1/S-01					
<b>Environmental Condition while Testing</b>			:	Ambient Temperature: 28.8°C and Humidity: 45%						
Sr.	Parameter with Unit F			Result			Method of analysis			
19. Porosity, %			32			Soil Testing in India Ministry of Agriculture, GoI, January 2011				

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Sushma A Gujar (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/01/26			Issue Date: 15/01/2024			
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
			gar, Eastern Express Highway Vikroli			
			ai – 400119.			
			: Kanase;			
			anase@godrejinds.com			
Name of Site	:		ustries Ltd.			
			h Plant Dist-Thane			
Discipline & Group	:		Atmospheric Pollution			
Description of sample	:	Stack Emis				
Sample Identification number	:	ST- 24/01,				
Sample Quantity	:	SO <sub>2</sub> :1Bottl	e; NO <sub>2</sub> :1 Bottle; Acidmist-1 Bottle.			
Date & Time of sampling	:		24, 10:00-11:00 hr.			
Sampling Environmental Conditions	:		C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition			<   Thimbles in   Bladders   a			
		5°C	plastic container   ambient temp			
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	10/01/202				
Date of sample analysis	:		24 to 13/01/2024			
Sampling Equipment Used	:	ST-I-02				
Calibration status	:	25/05/202	023 to 25/05/2024			
Project/ Job number	:	PO#25270	7011419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LA	/LAB/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperatu	ure: 27°C; RH-40%			
A. General Information About Stack:						
Stack Connected to		:	AOS Scrubber-process stack			
Emission due to		:	Process Activity			
Material of construction of stack		:	MS			
Shape of stack		:	Circular			
Whether stack is provided with permanent platfo	rm	:	Yes			
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		:	30			
Height of sampling point from ground level (m)						
Diameter of Stack at sampling point (m)			0.6			
Area of stack (m²)			0.283			
C. Analysis/ Characteristic of Stack:						
Fuel used		:				
Fuel consumption	<u>_1</u> 1.	:	Complete and ECD			
Details of pollution control devices attached with	the	e stack:   :	Scrubber + ESP			



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#### **Test Report** (Stack Emission)

Ref.	No.: AESPL/LAB/C/ST-24/01/		<b>Issue Date:</b> 15/01/2024								
D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	34		°C	IS-11255, (part- 1) 2019						
2.	Gas velocity	2.92		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	2780		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						
7.	Acid mist	7.66	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019						

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132111 UDYAM-MH-19-0029787

### Test Report (Stack Emission)

	er. No.: AESPL/LAB/C/ S1- 24/01/26 Issue Date: 15/01/2024							, ,	
Name of	Customer & Contact Detai	ls :	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express					
				Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit					
Name - 4	Cita		_	Kanase. ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of		:	:					nbernath Plant Dist-Thane	
	ne & Group		:	Chemical: Atm		he	ric P	ollution	
	tion of sample		:	Stack Emission	1				
Sample	Identification number	:	:	ST- 24/01/26					
	Quantity	:	:	SO <sub>3</sub> :1Bottle; SO	$0_2:1$	Во	ttle.		
Date & 7	Time of sampling	:	:	08/01/2024, 1	10:0	00-	11:00	0 hr.	
Samplin	g Environmental Condition	ıs :	:	Temp.:32°C; R	ain	fal	l: No	; P <sub>bar</sub> : 753 mmHg.	
Transpo	ortation Condition		:	Bottles < 5°C					
Sample	Monitored & Transported	by :	:	AESPL					
Date of	sample receipt		: [	10/01/2024					
Date of	sample analysis	:	:	10/01/2024 to	o 13	3/0	1/20	024	
Samplin	g Equipment used & Calibi	ation :	:	ST-I-02; Calibr	atio	on (	on 25	5/05/2023 to 25/05/2024	
Project/	Job number	:	:	PO#25270114	19	DT	'. 11.0	05.2023	
Referen	ce of sampling	:	:	AESPL/LAB/Q	R/7	7.3.	3/R-	02	
Method	of sampling & preservation	n :	:	AESPL/LAB/S	OP/	/7.3	3.1/S	T-01	
Environ	mental Condition while Te	sting :	:	Temperature:	27	′°С;	; RH-	40%	
A. Gene	ral Information About Stac	k:							
Stack Co	nnected to					:	AOS	S Scrubber-process stack	
Emission	n due to					: Process Activity			
Material	of construction of stack					:	MS		
Shape of						:		cular	
	stack is provided with perm		tf	orm		:	Yes		
	cal Characteristics of Stack								
	f stack from ground level (m					:	30		
	f sampling point from ground		)			:			
	r of Stack at sampling point (	m)				:	0.6		
	tack (m <sup>2</sup> )					:	0.28	33	
	sis/ Characteristic of Stack				1				
	d & Consumption	4 - ala - 1 ·	1	. 4141		-		uklassa . ECD	
	f pollution control devices at					-	Scri	ubber + ESP	
	t of Sampling & Analysis of					I I	;+	Mathad of analysis	
SL. No.	Parameter Sulphur Trioxide (as SO <sub>3</sub> )	Result	$\vdash$	MPCB. Limits		Unit Method of analysis		·	
2.		ND 1.53		50		mg/Nm <sup>3</sup> IS-11255, (part-2) 2019			
Z.	Sulphur Dioxide (as SO <sub>2</sub> )	1.55		50 ppm IS-11255, (part-2) 2019					

**ND=Not detected. Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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- 4. Decision Rule is applied.



## e s

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/01/27	<b>Issue Date:</b> 15/01/2024						
Name of Customer & Contact Details	:	Godrej In	dus	dustries Ltd.			
		Pirojshar	aga	gar, Eastern Express Highway Vikroli (E),			
		Mumbai -	Mumbai – 400119. Mr. Abhijit Kanase;				
		<b>©771182</b>	258	6 ☑ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:			stries Ltd.			
				Plant Dist-Thane			
Discipline & Group	:			tmospheric Pollution			
Description of sample	:	Stack Em					
Sample Identification number	Ŀ	ST- 24/0	1/2	2.7			
Sample Quantity	:	SO <sub>2</sub> :1Bot	tle;	NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:	08/01/2	024	, 12:00 to 12:30 hr.			
Sampling Environmental Conditions	:	Temp.:32	2°C;	Rain fall: No; P <sub>bar</sub> : 752 mmHg.			
Transportation Condition	:	Bottles <	5°C	Thimbles in Bladders at ambient temp.			
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	10/01/2	024	4			
Date of sample analysis	:	10/01/2	024	4 to 13/01/2024			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	25/05/2	3 to 25/05/2024				
Project/ Job number	:	PO#2527	01	1419 DT. 11.05.2023			
Reference of sampling	T:	AESPL/L	AB,	/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/L	AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	<b>]</b> :	Tempera	tur	ure: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			••	Hot Air Generator			
Emission due to			:	Process Activity			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:	<u> </u>						
Height of stack from ground level (m)			:	28.75			
	Height of sampling point from ground level (m)						
Diameter of Stack at sampling point (m)			:	0.30			
Area of stack (m²)			:	0.071			
C. Analysis/ Characteristic of Stack:							
Fuel used			:				
Fuel consumption	1,1	11 1	:	C. day D. Ch.			
Details of pollution control devices attached w	/ith	tne stack:	:	Cyclone + Bag filter			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	169		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	6.10		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	1015		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	49.63	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	28.05		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.68	64	Kg/day	IS-11255, (part-2) 2019						
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	50.54		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/01/28	<b>Issue Date:</b> 15/01/2024					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli (E),				
		Mumbai – 400119. Mr. Abhijit Kanase;				
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 24/01/28				
Sample Quantity	:	Thimble-1.				
Date & Time of sampling	:	08/01/2024, 13:00-13:26 hr.				
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.				
Transportation Condition	:	Bottles < 5°C Thimbles in plastic container Bladders at ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	10/01/2024				
Date of sample analysis	:	10/01/2024 to 13/01/2024				
Sampling Equipment Used	:	ST-I-02				
<b>Calibration status</b>	:	25/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%				
A. General Information About Stack:						
Stack Connected to		: Spray drier				
Emission due to		: Process Activity				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tfo	rm : Yes				
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		: 28.75				
Height of sampling point from ground level (m	)	:				
Diameter of Stack at sampling point (m)	: 0.66					
Area of stack (m²)	: 0.342					
C. Analysis/ Characteristic of Stack:						
Fuel used		:				
Fuel consumption	:41.	the Cyclere - Deg filter				
Details of pollution control devices attached w	ıtn	the : Cyclone + Bag filter				
stack:						



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#### **Test Report** (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/28 **Issue Date:** 15/01/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:								
SL.	Parameter	Result	MPCB.	Unit	Method of analysis				
No.			Limits						
1.	Gas Temperature	71		°C	IS-11255, (part- 1,3) 2018-19				
2.	Gas velocity	10.40		m/s	IS-11255, (part- 1,3) 2018-19				
3.	Gas flow rate	10668		Nm³/hr.	IS-11255, (part- 1,3) 2018-19				
4.	Particulate Matter	39.70	150	mg/Nm³	IS-11255, (part- 1,3) 2018-19				

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

#### Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/29				<b>Issue Date:</b> 15/01/2024			
Name of Customer & Contact Details	:		•	ndustries Ltd.			
			Pirojshanagar, Eastern Express Highway Vikrol				
		(E), M	(E), Mumbai – 400119. Mr. Abhijit Kanase				
		<b>©771</b>	182	2586 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godre	j In	ndustries Ltd. Ambernath Plant Dist-Than			
Discipline & Group	:	Chemi	cal	l: Atmospheric Pollution			
Description of sample	:	Stack	Em	nission			
Sample Identification number	:	ST- 24	/0	1/29			
Sample Quantity	:	SO <sub>2</sub> :1E	3ot1	tle; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			024, 14:00-14:28 hr.			
Sampling Environmental Conditions		Temp.	:32	2°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:			Thimbles in Bladders at			
		Bottle	s <	1			
Cample Manitored & Transported by	+-	AESPL		temp.			
Sample Monitored & Transported by  Date of sample receipt	:	10/01		024			
Date of sample analysis	H						
Sampling Equipment Used	+	10/01/2024 to 13/01/2024					
	:	ST-I-02					
Calibration status	<u> </u> :	-,,,,					
Project/ Job number	+ +			27011419 DT. 11.05.2023			
Reference of sampling	+ +			AB/QR/7.3.3/R-02			
Method of sampling & preservation				/LAB/SOP/7.3.1/ST-01			
Environmental Condition while Testing	1:	Temp	Temperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	Boiler LP 15928 & 15926			
Emission due to			:	Combustion of Briquette at LP 15928 boiler			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m)			:				
Diameter of Stack at sampling point (m)		:	1.2				
Area of stack (m <sup>2</sup> )			:	1.131			
C. Analysis/ Characteristic of Stack:				C. IV. I. D. I.			
Fuel used			:	Solid Briquette			
Fuel consumption		.1	:	1			
Details of pollution control devices attached w	ıth	tne	:	Scrubber, Stack			
stack:							



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TC-7085

### Test Report (Stack Emission)

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	119		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	5.61		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	16794		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	70.33	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	44.29		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	17.85	260	Kg/day	IS-11255, (part-2) 2019						
7.	Nitrogen Oxide (as NO <sub>2</sub> )	68.13		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

#### <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/01/30	Issue Date: 15/01/2024					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli				
		(E), Mumbai – 400119. Mr. Abhijit Kanase.				
		⊘771182586 ⊠abhijit.kanase@go	drejinds.com			
Name of Site	:	Godrej Industries Ltd. Ambernath	Plant Dist-Thane			
Discipline & Group	:	Chemical: Atmospheric Pollution				
<b>Description of sample</b>	:	Stack Emission				
Sample Identification number	:	ST- 24/01/30				
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimbl	e-1.			
Date & Time of sampling	:	08/01/2024, 15:30-16:02 hr.				
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 75	3 mmHg.			
Transportation Condition	:	Bottles < 5°C Thimbles in	Bladders at			
		plastic container	ambient temp.			
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	10/01/2024				
Date of sample analysis	:	10/01/2024 to 13/01/2024				
Sampling Equipment Used	:	ST-I-02				
<b>Calibration status</b>	:	25/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.20	23			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	B/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01	B/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%	ure: 27°C; RH-40%			
A. General Information About Stack:						
Stack Connected to		: Boiler 16043(HP) & 1	` /			
Emission due to		: Combustion of NG &	•			
		HP & 14335 MP-Boile	er)			
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tto	m : Yes				
B. Physical Characteristics of Stack:		1-146				
Height of stack from ground level (m)	`	: 46				
Height of sampling point from ground level (m)		:				
Diameter of Stack at sampling point (m)	: 0.85					
Area of stack (m²)  C. Analysis/ Characteristic of Stack:		: 0.568				
Fuel used		: NG + Mixed oil				
Fuel consumption			za/hr			
Details of pollution control devices attached w	ith		\ <u>\</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
stack:	1111	. Stack				
Juck						



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Issue Date:** 15/01/2024

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/01/30

D. R	D. Result of Sampling & Analysis of Gaseous Emission:									
SL.	Parameter	Result	MPCB.	Unit	Method of analysis					
No.			Limits							
1.	Gas Temperature	164		°C	IS-11255, (part- 1,3) 2018-19					
2.	Gas velocity	5.70		m/s	IS-11255, (part- 1,3) 2018-19					
3.	Gas flow rate	7684		Nm³/hr.	IS-11255, (part- 1,3) 2018-19					
4.	Particulate Matter	43.27	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19					
5.	Sulphur Dioxide (as SO <sub>2</sub> )	36.36		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019					
6.	Sulphur Dioxide (as SO <sub>2</sub> )	6.71	293	Kg/day	IS-11255, (part-2) 2019					
7.	Nitrogen Oxide (as NO <sub>2</sub> )	60.28		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017					

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/01/31				Issue Date: 15/01/2024			
Name of Customer & Contact Details	:	Godrej II	ndu	ustries Ltd.			
				agar, Eastern Express Highway Vikroli (E),			
		Mumbai	Mumbai – 400119. Mr. Abhijit Kanase.				
		<b>⊘77118</b>	325	8 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej II	ndu	ustries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:	Chemica	l: A	Atmospheric Pollution			
Description of sample	:	Stack En	iss	sion			
Sample Identification number	:	ST- 24/0	1/	31			
Sample Quantity	:	SO <sub>2</sub> :1Bot	ttle	; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:	09/01/2	02	4, 10:00-10:34 hr.			
Sampling Environmental Conditions	:	Temp.:3	3°C	C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.			
Transportation Condition	:	Bottles <	, <b>C</b> 0	Thimbles in Bladders at			
		Dotties <		plastic container ambient temp			
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	10/01/2	02	4			
Date of sample analysis	:	10/01/2	02	4 to 13/01/2024			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	25/05/2	02	24 to 25/05/2024			
Project/ Job number	:	PO#252	701	011419 DT. 11.05.2023			
Reference of sampling	: AESPL/I			AB/QR/7.3.3/R-02			
Method of sampling & preservation : AESPL/I			L/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Tempera	mperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	Thermic Fluid Heater/Thermo			
				Syphon heater FADP-2 TS-04 & TS-06			
Emission due to			:	Combustion of NG (TS-04 & TS-06)			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	38			
Height of sampling point from ground level (m)			:				
Diameter of Stack at sampling point (m)			:	0.35			
Area of stack (m²)			:	0.096			
C. Analysis/ Characteristic of Stack:				NC			
Fuel used			:	NG			
Fuel consumption	:41-	tla a	:	47 Sm <sup>3</sup> /hr.			
Details of pollution control devices attached w	ıtn	tne	:	Stack			
stack:							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/01/31 **Issue Date:** 15/01/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	169		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	5.20		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	1177		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	9.08	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	8.26		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.23	125	Kg/day	IS-11255, (part-2) 2019						
7.	Nitrogen Oxide (as NO <sub>2</sub> )	92.24		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



 $TC_{-}7085$ 

#### Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/01/32	Issue Date: 15/01/2024							
Name of Customer & Contact Details	:	Godrej In	dustries Ltd.					
				ar, Eastern Express Highway Vikroli (E),				
			Mumbai – 400099.Mr. Abhijit Kanase.					
	<u> </u>	<b>⊘770982</b>	258	86 ⊠ <u>abhijit.kanase@godrejinds.com</u>				
Name of Site	:	Godrej In	dus	stries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical	: At	tmospheric Pollution				
<b>Description of sample</b>		Stack Em	issi	ion				
Sample Identification number	:	ST- 24/01	1/3	32				
Sample Quantity	:	SO <sub>2</sub> :1Bott	le;	NO <sub>2</sub> :1 Bottle; Thimble-1.				
Date & Time of sampling	:	09/01/20	)24	4, 11:10-11:38 hr.				
Sampling Environmental Conditions	:	Temp.:32	°C;	Rain fall: No; P <sub>bar</sub> : 753 mmHg.				
Transportation Condition	:	Bottles <	5°(	Thimbles in Bladders at				
			<i>5</i> (	plastic container ambient temp.				
Sample Monitored & Transported by	<u>:</u>	AESPL						
Date of sample receipt	:	10/01/20						
Date of sample analysis	:	10/01/2024 to 13/01/2024						
Sampling Equipment Used	:	ST-I-02						
<b>Calibration status</b>	:	25/05/2023 to 25/05/2024						
Project/ Job number	:	PO#2527	009	99419 DT. 09.05.2023				
Reference of sampling	:	AESPL/L	AB,	3/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01						
<b>Environmental Condition while Testing</b>	:	Temperat	ture: 27°C; RH-40%					
A. General Information About Stack:								
Stack Connected to			:	FADP-7 Briquette Fired Thermic				
				Fluid Heater				
Emission due to			:	Combustion of Solid Briquette				
Material of construction of stack			:	MS				
Shape of stack			:	Circular				
Whether stack is provided with permanent pla	tfo	rm	:	Yes				
B. Physical Characteristics of Stack:								
Height of stack from ground level (m)				30				
Height of sampling point from ground level (m)								
Diameter of Stack at sampling point (m)				0.35				
Area of stack (m²)			:	0.096				
C. Analysis/ Characteristic of Stack:				Driguette				
Fuel used Fuel consumption (Kg/hr.)			:	Briquette				
Details of pollution control devices attached w	ith	the steels	:	Wet Scrubber				
Details of pollution control devices attached w	ıtıı	tile Stack:	•	wet stranger				



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

### Test Report (Stack Emission)

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	121		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	5.60		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	1415		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	63.50	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	41.58		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.41	29	Kg/day	IS-11255, (part-2) 2019							
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	64.22		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

#### Test Report (Stack Emission)

Kel. No.: AESPL/LAD/C/ 31- 24/01/33	155ue Date: 15/01/2024					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli				
		(E), Mumbai – 400119. Mr. Abhijit Kanase.				
		⊘771182586 ⊠abhijit.kanase@godrejinds.com				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 24/01/33				
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.				
Date & Time of sampling	•	09/01/2024, 12:30-13:00 hr.				
Sampling Environmental Conditions	:	Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.				
Transportation Condition		Bottles < 5°C Thimbles in Bladders at				
		plastic container   ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	10/01/2024				
Date of sample analysis	:	10/01/2024 to 13/01/2024				
Sampling Equipment Used	:	ST-I-02				
<b>Calibration status</b>	:	25/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation		AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%				
A. General Information About Stack:						
Stack Connected to		: Thermic Fluid Heater/Thermo				
		Syphon heater TP15/TS10				
Emission due to		: Combustion of NG				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tto	rm : Yes				
B. Physical Characteristics of Stack:		1.120				
Height of stack from ground level (m)	: 38					
Height of sampling point from ground level (m	:					
Diameter of Stack at sampling point (m)		: 0.60				
Area of stack (m²)  C. Analysis/ Characteristic of Stack:		: 0.283				
Fuel used		: NG				
Fuel consumption (Sm <sup>3</sup> /hr.)		: NG : 200				
Details of pollution control devices attached w	ith					
Details of politicing control devices attached w	ıllı	uic stack.   .   Stack				



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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/01/33 **Issue Date:** 15/01/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	209		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	6.20		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	3775		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	12.32	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	9.40		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.85	270	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	97.97		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 24/01/34 **Issue Date:** 15/01/2024

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/01/34		<b>Issue Date:</b> 15/01/2024						
Name of Customer & Contact Details	:	,		ustries Ltd.				
				gar, Eastern Express H				
		(E), Mumbai – 400109. Mr. Abhijit Kanase						
				586 ⊠ <u>abhijit.kanase@g</u>	•			
Name of Site	:	,	nd	ustries Ltd. Ambernath	Plant Dist-			
		Thane						
Discipline & Group	:			Atmospheric Pollution				
Description of sample	:	Stack Em	nis	sion				
Sample Identification number	:	ST- 24/0						
Sample Quantity	:	SO <sub>2</sub> :1Bot	ttl	e; NO <sub>2</sub> :1 Bottle; Thimbl	e-1.			
Date & Time of sampling	:			24, 13:40-14:06 hr.				
Sampling Environmental Conditions	:			C; Rain fall: No; P <sub>bar</sub> : 75				
Transportation Condition	:	Bottles <	<	Thimbles in	Bladders at			
C 1 W 1: 10 T		5°C		plastic container	ambient temp.			
Sample Monitored & Transported by	:	AESPL						
Date of sample receipt	:	10/01/2024						
Date of sample analysis	:	10/01/2024 to 13/01/2024						
Sampling Equipment Used	:	ST-I-02						
Calibration status	:	, ,						
Project/ Job number	:	PO#2527	70	7010419 DT. 09.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02						
Method of sampling & preservation	:	AESPL/L	LA	B/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Tempera	Temperature: 29°C; RH-40%					
A. General Information About Stack:								
Stack Connected to			:	DG, 1500KVA				
Emission due to			:	Combustion of Diesel				
Material of construction of stack			:	MS				
Shape of stack			:	Circular				
Whether stack is provided with permanent platf	orm		:	Yes				
B. Physical Characteristics of Stack:								
Height of stack from ground level (m)	:	:	30					
Height of sampling point from ground level (m)	:	_	15					
Diameter of Stack at sampling point (m)		:	0.5					
Area of stack (m²)		:	<u>:  </u>	0.196				
C. Analysis/ Characteristic of Stack:			. 1	Diagal				
Fuel used			_	Diesel				
Fuel consumption (liter/hr.)	, +l-	o ata alv	-	90 Stools				
Details of pollution control devices attached with	ı tn	e stack:   :	:	Stack				



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TC-7085

#### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/01/34 **Issue Date:** 15/01/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	119		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	6.09		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	3188		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	53.99	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	35.45		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	2.71	126	Kg/day	IS-11255, (part-2) 2019							
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	57.39		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 24/01/34 **Issue Date:** 15/01/2024

Name of Customer & Contact Details	:	Godrej Industries Ltd.						
Nume of dustomer & contact betains	•	Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai -						
		400109. Mr. Abhijit Kanase ©770982586						
		<u>⊠abhijit.kanase@godrejinds.com</u>						
Name of site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane						
Discipline & Group	:	Chemical: Atmospheric Pollution						
Description of sample	:	Stack Emission						
Name of Stack	:	DG, 1500KVA						
Sample Identification number	:	ST- 24/01/34						
Sample Quantity	:	Bladder-01						
Date & Time of sampling	:	09/01/2024, 13:40-14:06 hr.						
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> :753 mmHg.						
Transportation Condition	:	Bottles < 5°C Bladder is kept at ambient temperature.						
Sample Monitored & Transported by	:	AESPL						
Date of sample receipt	:	10/01/2024						
Date of sample analysis	:	: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						
Sampling equipment & Calibration status	:	: ST-I-02 - Calibrated on 25/05/2023 Due on 25/05/2024						
Project/ Job number	:	AESPL/Q/2022-23/SHK/22 dt 22.10.22						
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02						
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01						
A. GENERAL INFORMATION ABOUT STACK	<b>(</b> :							
Stack Connected to : DG, 1500KVA		Emission due to : Combustion of Diesel						
Shape of stack : Circular		stack with permanent platform : Yes						
B. Physical Characteristics of Stack:								
Height of stack (m) : 30		Height of sampling point (m) : 15						
Diameter of Stack(m) : 0.50		Area of stack (m <sup>2</sup> ) : 0.196						
C. Analysis/ Characteristic of Stack:								
Fuel used : Diesel	Fuel consumption (lit/hr.) : 90							
Details of pollution control devices attached v								
D. Result of Sampling & Analysis of Gaseou								
SL. No. Parameter Resu		MPCB. Limits Unit Method of analysis						
1. NMHC 10.6	66	mg/Nm <sup>3</sup> USEPA-18,1996						

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



 $TC_{-}7085$ 

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/01/63 **Issue Date:** 16/01/2024

Kei. No.:	: AESPL/LAB/C/W-24/01,		Issue Date: 16/01/2024								
	of Customer & Contact : Godrej Industries Ltd										
Details			Piro	jsh	shanagar, Eastern Express Highway						
			Vikr	oli	oli East, Mumbai – 400079						
			Mr. A	Abh	ijit Kanse	770982586	6,Email:				
			abhi	jit.l	kanase@	godrejinds.c	<u>com</u>				
Name o	f Site	:	God	rej	Industri	es Ltd.Amb	ernath Plant. I	)is	t-Thane		
	of Sample	:	Efflu			Location o		:	ETP Inlet		
Date of	Sample Drawn	:	09/0	1/	2024	Time of Sa	mple Drawn	:	10.20 am		
	Drawn By	:	AESI			Transport		:			
	Sample Receipt	:			2024		entification	:			
Sample	Quantity & Container	:				; <b>F-</b> 1lit, Plas	tic can & <b>B</b> -500	m	l, Amber colored		
			Glas								
	Sample Analysis	<b>:</b>	09/0			4/01/2024			0000		
Enviror	nmental Conditions at site			:		-	: 27°C, Air Temp	er	ature: 30°C,		
m	: 6 1:::				Surrounding was clean.						
Transp	ortation Condition			:	A: pH <2.0 with $H_2SO_4$ , B: pH <2.0 with $H_2SO_4$ & F: < 6°C Water Temperature: < 6°C, Cold storage.						
Droingt	/ Joh numbon			:	2527006419 dtd 09 May 2023						
	/ Job number										
	ice of Sampling of Sampling & Preservation	n		<u>:</u>	AESPL/LAB/QR/7.3.3/R-02 AESPL/LAB/SOP/7.3.1/W-01						
	mental Condition while Te		nσ	÷	Ambient Temperature: 29.1°C and Humidity: 60%						
Sr.No.	Parameter	.5t1	iig	÷					of analysis		
1.	pH @ 25°C				Result         Metho           6.84         APHA-2023(4)						
2.	Suspended Solids @ 103°C,	mo	r /1	#		78	APHA-2023(2		-		
3.	Chemical Oxygen Demand,					550	APHA-2023(5				
4.	Biochemical Oxygen Demar		/ 1	+		180	IS-3025 (Part				
@ 27°C for 3 days, mg/l					1.	100	15 5025 (1 art	11	) 2023		
5. Total Dissolved Solids @ 180°C,					9	910 APHA-2023(2540-C)			0-C)		
6.	Chloride as Cl-, mg/l		_,			65	APHA-2023(4		•		
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					78	•	APHA-2023(4500SO <sub>4</sub> <sup>2</sup> F			
8. Total Ammoniacal Nitrogen as NH <sub>3</sub> ,					0.56	APHA-2023(4					
mg/l							1112230(1		22.25		
9.	Anionic detergent as MBAS	, m	g/l		< (	0.04	APHA-2023(5	54	0-C)		
10.	Oil & Grease, mg/l				<	2.0	IS-3025 (Par		,		
	, 0,			13-3023 (1 att 39) RAZ019							

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/01/64 **Issue Date:** 16/01/2024

Kel. I	Kei. No.: AESPL/LAB/C/W-24/01/04 Issue Date: 10/01/2024								701/2024		
	ame of Customer& Contact : Godrej Industries Ltd										
Deta	ils	Pirojshanagar, Eastern Express Highway									
			Vikroli East, Mumbai – 400079								
					•	se 770982586,Em					
					•	godrejinds.com					
Nam	e of Site	:		•		ies Ltd.Amberna	th Plant. D	)is	t-Thane		
	re of Sample	:	Efflu			Location of Sar		:	ETP - Outlet		
	of Sample Drawn	:			2024	Time of Sample		:	10.30 am		
	ple Drawn By	:	AESI	_		Transported B		:			
	of Sample Receipt	:			2024	Sample Identif		:			
	ole Quantity & Container	:				an, <b>B</b> -500ml; Am					
						can, <b>D</b> -500ml; Pla		_			
Date	of Sample Analysis	:				14/01/2024			•		
	ronmental Conditions at site			:	Water	Temperature: 27°	C, Air Temp	er	ature: 30°C,		
					Surrounding was clean.						
Tran	sportation Condition			:	<b>A:</b> < $2.0$ with H <sub>2</sub> SO <sub>4</sub> , <b>B</b> : < $2.0$ with H <sub>2</sub> SO <sub>4</sub> , <b>C</b> < $2.0$ with						
				HNO <sub>3</sub> , <b>D</b> ->9.0 with NaOH & <b>F</b> :< 6°C							
					Water	Temperature: < 6°	C, Cold sto	raę	ge.		
Proj	ect/ Job number			: 2527006419 dtd 09 May 2023							
Refe	rence of Sampling			: AESPL/LAB/QR/7.3.3/R-02							
Meth	od of Sampling & Preservation	n		: AESPL/LAB/SOP/7.3.1/W-01							
	ronmental Condition while Te	esti	ng	: Ambient Temperature: 29.1°C and Humidity: 60%							
Sr.	Parameter with unit			F	Result	MPCB Consent	Meth	100	l of analysis		
No.						Limit					
1.	рН @ 25°C				7.40	6.0 to 8.5			(4500H+-B)		
2.	Suspended Solids @ 103°C, mg				22	< 100	APHA-202				
3.	Chemical Oxygen Demand, mg	<u>/l</u>			90	< 250	APHA-202				
4.	Biochemical Oxygen Demand				35	< 100	1S-3025 (I	4-د	44) RA2019		
@ 27°C for 3 days, mg/l					600	. 2100	ADIIA 202	VV 1 0000 (0 F 10 G)			
5. Total Dissolved Solids @ 180°C, mg/l					680 115	< 2100	APHA-2023(2540-C) APHA-2023(4500ClB)				
6. Chloride as Cl-, mg/l 7. Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					85	< 600 < 1000		_	(4500Cl <sup>2</sup> -B)		
8.	Sulphate as SO <sub>4</sub> <sup>2</sup> ·, mg/l Total Ammoniacal Nitrogen as	NI	L		< 0.56	< 50			(4500NH <sub>3</sub> -B&C)		
0.	mg/l	141	13,		0.50	< 30	AI 11A-202	اد.	(TOUNII3-D&C)		
9.	Anionic detergent as MBAS, m	σ/l		Ε.	< 0.04	< 5.0	APHA-202	231	(5540-C)		
10.	Oil & Grease, mg/l	b/ <u>1</u>		_	< 2.0	< 10		_			
				1		< 10 IS-3025 (P-39) RA2019					

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

#### Note:

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

### Test Report (Wastewater)

Ref. No.: AESPL	./LAB/C/W-24/	01/64	<b>Issue Date:</b> 16/01/2024
	0.0	0 1 17 1 1 7 1	<u> </u>

	. NO.: AESPL/LAD/C/W-24/UI	. / U										
	ne of Customer& Contact	:		•	Industri							
Det	ails		Pirojshanagar, Eastern Express Highway									
			Vikr	Vikroli East, Mumbai – 400079								
				Mr. Abhijit Kanse 770982586,Email:								
						godrejinds.com						
	ne of Site	:				es Ltd.Ambern		Dis				
	ure of Sample	:	Efflu			<b>Location of Sa</b>		:	ETP - Outlet			
	e of Sample Drawn	:			2024	Time of Sampl		:	10.30 am			
	nple Drawn By	:	AES		2004	Transported E		:	AESPL			
	e of Sample Receipt	:			2024	Sample Identi		:	, ,			
San	ple Quantity & Container	:				n, <b>B</b> -500ml; Am						
Dat	o of Comple Analysis						astic can &	. <b>r</b>	1lit; Plastic can.			
	e of Sample Analysis ironmental Conditions at site	:	09/0			4/01/2024 emperature: 27°	°C Air Tom	nor	atura, 20°C			
EIIV	nonmental conditions at site			:		ding was clean.	c, All Telli	per	ature: 50 t,			
Tra	nsportation Condition			:			2.0 with Has	SO.₄	, <b>C</b> <2.0 with HNO <sub>3</sub> ,			
114	mop of the contribution			•		vith NaOH & <b>F</b> :<		, O 4,	, G .2.0 with 111103,			
						emperature: < 6		ras	ge.			
Pro	ject/ Job number			:		6419 dtd 09 M						
	erence of Sampling			:		LAB/QR/7.3.3/R						
	hod of Sampling & Preservatio	n										
	ironmental Condition while Te			:	Ambient	Temperature: 2	29.1°C and					
Sr.	Parameter as per		Re	sult		nent Standard Method of analysis						
No	GSR-608(E)				as p	er GSR-608(E)						
	H @ 2505			4.0		(	ADITA CO	100	(450011, 5)			
1.	pH @ 25°C			40		6.5 to 8.5			(4500H+-B)			
2.	Chemical Oxygen Demand, mg/l	l		90		250 mg/l	o,					
3.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l		3	35		<100 mg/l	IS-3025(	Pai	rt 44) 2023			
4.	Hexavalent Chromium, mg/l		<	0.1		< 0.1 mg/l	APHA-20	23	(3500Cr-B)			
5.	Oil & Grease, mg/l		<	2.0		< 10 mg/l	APHA-20	)23	(5520-B)			
6.	Nitrate as N, mg/l		<	0.5		< 10 mg/l	APHA-20	)23	(4500NO <sub>3</sub> -E)			
7.	Arsenic as As, mg/l			0.1		< 0.2 mg/l			(3114-C)			
8.	Mercury as Hg, mg/l		<	0.1		0.01 mg/l	APHA-20	)23	(3112-B)			
9.	Lead as Pb, mg/l		<	0.1		< 1.0 mg/l	APHA-20	)23	(3111-B)			
10.	Total Cr as Cr, mg/l		<	0.1		< 1.0 mg/l	APHA-20	23	(3111-B)			
11.	Copper as Cu, mg/l		<	0.1		< 2.0 mg/l	APHA-20	23	(3111-B)			
12.	Zinc as Zn, mg/l		<	0.1		< 5.0 mg/l			(3111-B)			
13.	Nickel as Ni, mg/l		<	0.1		< 2.0 mg/l APHA-2023(3111-B)						
	0,					3, 1						
14.	Phenolic compounds, mg/l		< (	0.05		< 5.0 mg/l	Gr C					
	<u> </u>			).05 0.5		< 5.0 mg/l < 2.0 mg/l	APHA-20	)23	(5530-C) (4500S <sup>2</sup> F)			

**Conformity Statement**: Water sample is within permissible limits prescribed by **GSR-608(E)** w.r.t. above mentioned tests.

# oes

#### ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### **Test Report**

**Ref. No.:** AESPL/LAB/W-24/07/64-GSR **Issue Date:** 16/01/2024

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

### Test Report (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/01/64 **Issue Date:** 16/01/2024

	1 <b>10</b> AESI E/LAD/C/W-24/0	<u> </u>	, 1			1.	suc Date.	1	0/01/2024		
Name	e of Customer& Contact	:	God	rej	Industri	es Ltd					
Detai	ils		Piro	jsha	anagar, l	Eastern Expres	s Highway				
			Vikr	oli	East, Mu	ımbai – 400079	)				
						770982586,Em					
			abhi	jit.k	anase@	godrejinds.com					
Name	e of Site	:	: Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
Natu	re of Sample	:	: Effluent Location of Sample : ETP - Outlet								
Date	of Sample Drawn	:	09/0	1/2	2024	Time of Sampl	e Drawn	:	10.30 am		
	ole Drawn By	:	AESI	PL		Transported B	By	:	AESPL		
Date	of Sample Receipt	:	09/0	1/2	2024	Sample Identif	fication	:	W- 24/01/64		
Samp	ole Quantity & Container	:	<b>A</b> -1l	it; F	lastic ca	n, <b>B</b> -500ml; Am	ber colored	d gl	lass bottle, <b>C</b> -		
			500ı	0ml; Plastic can, <b>D</b> -500ml; Plastic can & <b>F</b> -1lit; Plastic can.							
Date	of Sample Analysis	:	09/0	1/2	2024 to 1	4/01/2024					
Envir	conmental Conditions at site			:		emperature: 27°	C, Air Tem	per	ature: 30°C,		
				Surrounding was clean.							
Trans	sportation Condition			:	: $A:<2.0$ with $H_2SO_4$ , <b>B</b> : $<2.0$ with $H_2SO_4$ , <b>C</b> $<2.0$ with $HNO_3$ ,						
					<b>D-&gt;</b> 9.0 v	with NaOH & <b>F</b> :<	6°C				
						emperature: < 6		rag	ge.		
Proje	ect/ Job number			:	252700	6419 dtd 09 M	ay 2023				
Refer	rence of Sampling			:	AESPL/	LAB/QR/7.3.3/R	L-02				
	od of Sampling & Preservation			:	AESPL/	LAB/SOP/7.3.1/	W-01				
	onmental Condition while T	ng	:	: Ambient Temperature: 29.1°C and Humidity: 60%							
Sr.	Parameter as per	Re	sult		Efflu	ent Standard	Meth	100	l of analysis		
No.	GSR-608(E)				as pe	r GSR-608(E)					
16.	Cyanide as CN <sup>-</sup> , mg/l	< (	0.05		<	0.2 mg/l	APHA-20	23	(4500-E)		

**Conformity Statement**: Water sample is within permissible limits prescribed by GSR-608(E) w.r.t. above mentioned tests.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/01/65 **Issue Date:** 16/01/2024

	AESPL/LAB/C/W-24/01,	/65	<u> </u>			IS	sue Date: 1	6/	01/2024			
	f Customer& Contact		God	rej	Industri	es Ltd						
Details				,	0 .	Eastern Expre						
					,	ımbai – 40007						
					•	e 770982586,E						
						godrejinds.con						
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
	of Sample	:	Efflu			Location of S		:	RO 3 Reject			
	Sample Drawn	:			2024	Time of Sam		:	10.50 am			
	Drawn By	:	AESI		2024	Transported		:	AESPL			
	Sample Receipt	:			2024	Sample Ident		:				
Sample	Quantity & Container	:	Glas			i; <b>F</b> -111t, Plastic	can & <b>B</b> -500	m	l, Amber colored			
Date of S	Sample Analysis	:				4/01/2024						
	mental Conditions at site			:		emperature: 2	7°C, Air Temj	oer	ature: 31°C,			
					Surrounding was clean.							
Transpo	ortation Condition			:	: A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> & F: < 6°C Water Temperature: < 6°C, Cold storage.							
	/- ·							Co	old storage.			
	Job number			:		6419 dtd 09						
	ce of Sampling			:		LAB/QR/7.3.3/						
	of Sampling & Preservation mental Condition while Te		<ul><li>: AESPL/LAB/SOP/7.3.1/W-01</li><li>ng : Ambient Temperature: 29.1°C and Humidity: 60%</li></ul>									
Sr.No.	Parameter		ng	Result Method of analysis								
1.	pH @ 25°C					7.58			(4500H+-B)			
2.	Turbidity, NTU			-		<2.0		`	·			
3.	Suspended Solids @ 103	°C	ma/l			32	APHA-2023(2130-B) APHA-2023(2540-D)					
4.	^	_	Ο,					`				
5.	Chemical Oxygen Deman Total Dissolved Solids@	_	<u> </u>	nc '	/1	650	APHA-202		,			
		18	U°C, Y	ng/	1	1340	APHA-202	`				
6.	Chloride as Cl-, mg/l					175		_	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					1120	APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)					
8.	Residual Chlorine, mg/l			0.56	APHA-2023(4500ClB)							
9.	Hardness CaCO <sub>3</sub> , mg/l			1098	APHA-2023(2340-C)							
10.	Iron as Fe, mg/l					0.030		_ `	[3500Fe-B)			
11.	Silica as SiO <sub>2</sub> , mg/l		< 0.2	APHA-2023(4500SiO <sub>2</sub> -C)								
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019					
							•					

#### Note:

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

Kei. No.:	AESPL/LAB/C/W-24/01,	/ bb	)		<b>Issue Date:</b> 16/01/2024						
	f Customer& Contact		God	rej	Industri	es Ltd					
Details			Piro	jsh	anagar, l	Eastern Expre	ess Highway				
					,	ımbai – 4000'					
					•	. 770982586,E					
			_			godrejinds.cor					
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane							
	of Sample	:		Effluent <b>Location of Sample</b> : RO							
	Sample Drawn	:			2024	Time of Sam	•	:	11.00 am		
	Drawn By	:	AESI		2004	Transported		:	AESPL		
	Sample Receipt	:			2024	Sample Iden		:			
Sample	Quantity & Container	:	Glas			i; <b>F</b> -111t, Plastic	can & <b>B</b> -500	m	l, Amber colored		
Date of 9	Sample Analysis	:				4/01/2024					
	mental Conditions at site	•	07/0	:			7°C. Air Temi	ner	rature: 30°C.		
			-	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.							
Transpo	ortation Condition			: A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &							
					F: < 6°C	Water Tempe	rature: < 6°C,	Cc	old storage.		
Project/	Job number			:	252700	6419 dtd 09	May 2023				
	ce of Sampling			:		LAB/QR/7.3.3,					
	of Sampling & Preservation			: AESPL/LAB/SOP/7.3.1/W-01							
	mental Condition while Te										
Sr.No.	Parameter					Result			of analysis		
1.	pH @ 25°C					7.28		`	(4500H+-B)		
2.	Turbidity, NTU					< 2.0	APHA-202	23(	2130-B)		
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-202	23(	[2540-D]		
4.	Chemical Oxygen Deman	d, 1	mg/l			20	APHA-202	23(	5220-B)		
5.	Total Dissolved Solids@	18	0°С, r	ng/	1	350	APHA-202	23(	2540-C)		
6.	Chloride as Cl-, mg/l					58	APHA-202	23(	4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					48	APHA-202	23(	(4500SO <sub>4</sub> <sup>2</sup> -E)		
8.	Residual Chlorine, mg/l			<0.56	APHA-2023(4500ClB)						
9.	-7 01					58	APHA-2023(2340-C)				
10.	Iron as Fe, mg/l					0.030	APHA-202	23(	(3500Fe-B)		
11.	Silica as SiO <sub>2</sub> , mg/l		< 0.2	APHA-202	23(	4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l				< 2.0	IS-3025 (F	ar	t 39) RA2019			

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

### Test Report (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/01/67 **Issue Date:** 16/01/2024

Ker. No.:	AESPL/LAB/C/W-24/01,	/6/	<u> </u>			IS	sue Date: 1	.6/	01/2024		
	f Customer& Contact	:	God	rej	Industri	es Ltd					
Details			Piro	jsh	anagar, l	Eastern Expre	ss Highway				
					•	ımbai – 40007					
					,	e 770982586,E					
			+			godrejinds.con					
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane							
	of Sample	:		Effluent <b>Location of Sample</b> : RO 2 I							
	Sample Drawn	:			2024	Time of Samp		:	11.05 am		
	Drawn By	:	AESI		2024	Transported		:			
	Sample Receipt	:			2024	Sample Ident		:			
Sample	Quantity & Container	•	Glas			i; <b>F</b> -1111, Plastic	can & <b>B</b> -500	III	l, Amber colored		
Date of	Sample Analysis					4/01/2024					
	mental Conditions at site	_	0 2 / 0	:			7°C. Air Temi	oer	rature: 30°C.		
				Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.							
Transpo	ortation Condition			:	A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &						
						Water Temper		Cc	old storage.		
	/ Job number			:		6419 dtd 09					
	ce of Sampling			:		LAB/QR/7.3.3/					
	of Sampling & Preservation			: AESPL/LAB/SOP/7.3.1/W-01							
	mental Condition while Te		ıng	U I							
Sr.No.	Parameter					Result			of analysis		
1.	pH @ 25°C					7.22		`	4500H+-B)		
2.	Turbidity, NTU					<2.0	APHA-202				
3.	Suspended Solids @ 103	_	Ο,			8.0	APHA-202				
4.	Chemical Oxygen Deman	_	Ο,			20	APHA-202	23(	5220-B)		
5.	Total Dissolved Solids@	18	0°С, r	ng/	'l	120	APHA-202	23(	2540-C)		
6.	Chloride as Cl-, mg/l					32	APHA-202	23(	4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					8.4	APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)				
8.	, 61					< 0.56	APHA-2023(4500ClB)				
9.	Hardness CaCO <sub>3</sub> , mg/l					58 APHA-2023(2340-C)					
10.	Iron as Fe, mg/l			0.030	APHA-2023(3500Fe-B)						
11.	Silica as SiO <sub>2</sub> , mg/l	Silica as SiO <sub>2</sub> , mg/l					APHA-202	23(	4500SiO <sub>2</sub> -C)		
12.	Oil & Grease, mg/l			< 2.0	IS-3025 (F	ar	t 39) RA2019				

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

#### <u>Test Report</u> (Wastewater)

Ket. No.:	AESPL/LAB/C/W-24/01	/68	3	<b>Issue Date:</b> 16/01/2024								
	f Customer& Contact		God	rej	Industri	es Ltd						
Details			Piro	jsh	anagar, l	Eastern Expre	rn Express Highway					
					,	mbai – 4000'						
					,	. 770982586,E						
			_			godrejinds.con						
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
	of Sample	:							RO 1 Product			
	Sample Drawn	:			2024	Time of Sam		:	11.15 am			
	Drawn By	:	AESI		2004	Transported		:	AESPL			
	Sample Receipt	:			2024	Sample Iden		:				
Sample	Quantity & Container	:	Glas			i; <b>F</b> -111t, Plastic	can & <b>B</b> -500	m	l, Amber colored			
Date of 9	Sample Analysis	:				4/01/2024						
	mental Conditions at site	•	07/0	:			7°C. Air Tem	ner	ature: 30°C.			
				: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.								
Transpo	ortation Condition			: A: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> , B: pH <2.0 with H <sub>2</sub> SO <sub>4</sub> &								
					F: < 6°C	Water Tempe	rature: < 6°C	, Co	old storage.			
Project/	Job number			:	252700	6419 dtd 09	May 2023					
	ce of Sampling			:		LAB/QR/7.3.3 <sub>/</sub>						
	of Sampling & Preservation			: AESPL/LAB/SOP/7.3.1/W-01								
	mental Condition while To		ng									
Sr.No.	Parameter					Result			of analysis			
1.	pH @ 25°C					7.15		`	(4500H+-B)			
2.	Turbidity, NTU					< 2.0	APHA-202	23(	2130-B)			
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-202	23(	(2540-D)			
4.	Chemical Oxygen Deman	ıd, 1	mg/l			20	APHA-202	23(	5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	1	100	APHA-202	23(	2540-C)			
6.	Chloride as Cl-, mg/l					25	APHA-202	23(	4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					50	APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)					
8.	Residual Chlorine, mg/l			0.56	APHA-2023(4500ClB)							
9.	9. Hardness CaCO <sub>3</sub> , mg/l					56	APHA-2023(2340-C)					
10.	Iron as Fe, mg/l					0.030	APHA-202	23(	(3500Fe-B)			
11.	Silica as SiO <sub>2</sub> , mg/l		< 0.2	APHA-202	23(	4500SiO <sub>2</sub> -C)						
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (I	Par	t 39) RA2019			

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-24/01/03												
Name of Customer &	:		rej l	Ind	lustries L	td						
Contact Details			•			ern Express I	Highway					
					_	ai – 400079						
					•		il- ahhiiit k	an	ase@godrejinds.com			
Name of Site		Mr. Abhijit Kanse 770982586, Email: <u>abhijit.kanase@godrejinds.com</u>										
Name of Site												
Ambernath Plant. Dist-Thane												
Description of Sample	:	Wor										
Location of Sampling	:				near scrub	ber						
Date of Sampling	:	09/0										
Sampling Time	:			10	:30 hr.	Duration		:	30 min.			
Sample Drawn By	:	AESI				Transported By		:	AESPL			
Date of Sample Receipt	:			/2024   <b>Sample</b>   :   A-24/01/03								
Sample Quantity &	:	RSPI	M-1	pap	er; SPM-1	NRD Cap.						
Date of Sample Analysis			01/2	202	4 to 13/02							
Sampling Environmenta	l Conditi	ons	<b>1s</b> : Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition	n		: Filter papers in plastic container									
Sampling Equipment				:	RDS-I-09							
Calibration Status				:	Calibrated	d on 31/12/20	23 due on	30	/12/2024			
Project/ Job number				:	PO#2527	006419 DT. 09	9.05.2023					
Reference of Sampling				:	AESPL/LA	AB/QR/7.3.3/1	R-02					
Method of Sampling & P	reservat	ion		:	AESPL/LA	AB/SOP/7.3.1,	/WP-01					
<b>Environmental Conditio</b>	n while			:	Ambient '	Геmperature:	27.6°C and	Н	umidity: 69%			
Parameter Result					Limits as	s per	Method	of	sampling & analysis			
SPM, mg/m <sup>3</sup>	0.420		15m					IS 5182 (Part 23) RA2017				
RSPM, mg/m <sup>3</sup>	mg/m <sup>3</sup> 0.264 5r					PEL)]	IS 5182 (Part 23) RA2017					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/W	P-24/01/0	04	<b>Issue Date:</b> 15/01/2024							
Name of Customer &	:   (	Godrej Ir	ıdı	ıstries L	td					
Contact Details	l F	Pirojsha	nag	gar, East	ern Express l	Highway				
		-	_	-	ai – 400079	0 ,				
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com								
Name of Site		Godrej Industries Ltd.								
Nume of Site										
Description of Comple		Ambernath Plant. Dist-Thane								
Description of Sample		<u>Vorkplac</u>								
Location of Sampling		10S plant		<u> </u>						
Date of Sampling		09/01/20 2:30 to 3:			Duration		_	30 min.		
Sampling Time		1:30 to 3: AESPL	UU	nr.		1 D.,	<u>:</u>	AESPL		
Sample Drawn By Date of Sample Receipt		163PL 19/01/20	124		Transported Sample	л <b>Б</b> у	•	A-24/01/04		
Sample Quantity &		$50_2$ -30ml			Sample		•	A-24/01/04		
Date of Sample Analysis					1 /2024					
Sampling Environmental			0/01/2024 to 13/01/2024 <b>is</b> Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.					o. D 754 mm Ha		
Transportation Conditio		115	H							
Sampling Equipment	11		H	Filter papers in plastic container RDS-I-09						
Calibration Status			÷		ted on 30/12/	2022 due e	'n	20/12/2024		
Project/ Job number			÷		27006419 DT.			30/12/2024		
Reference of Sampling			÷		LAB/QR/7.3.3		)			
Method of Sampling & Pr	acarvatio	n	Ė		LAB/QR/7.3 LAB/SOP/7.3	•				
							nd	Humidity: 69%		
Parameter	Environmental Condition while Testing Parameter Result							sampling & analysis		
				Limits a		1 0 1				
SO <sub>2</sub> , mg/m <sup>3</sup>	0.036	13 m	g/r	n³ [OSHA	[OSHA (PEL)] IS 5182 (Part 2) RA2017			rt 2) RA2017		
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	O.008 NA [OSHA (PEL)] IS 5182 (Part 2) RA2017						rt 2) RA2017		

#### **PEL-**Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-2	4/0	1/05	<b>Issue Date:</b> 15/01/2024								
Name of Customer &	:	Godrej I	ndı	ıstries L	td						
Contact Details		Pirojsha	anag	gar, East	ern Express I	Highway					
		_	•	-	ai – 400079	0 ,					
				•		il: abhiiit.ka	n	ase@godrejinds.com			
Name of Site	٠.	1	Godrej Industries Ltd.								
Nume of Site	•	1									
Description of Course	_			Plant. D	ist-Thane						
Description of Sample	<u>:</u>	Workpla		1.0							
Location of Sampling	<u> </u>	Fatty aci			oor						
Date of Sampling	<u>:</u>	09/01/2			ъ			00 1			
Sampling Time	<u>:</u>	1:45 to 2	:15	hr.	Duration		:	30 min.			
Sample Drawn By	<u> </u>	AESPL			Transported	1 By	:	AESPL			
Date of Sample Receipt	<u> </u>	09/01/2			Sample		:	A-24/01/05			
Sample Quantity &	<u> </u> :			ladder; SPM-1NRD Cap.							
Date of Sample Analysis		10/01/2	024								
Sampling Environmental Co	ndit	ions	: Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.								
Transportation Condition			:		apers in plasti		ļ.				
Sampling Equipment			<u>:</u>	High Vo	olume Sampler	RDS-I-09					
Calibration Status			:		ted on 30/12/			30/12/2024			
Project/ Job number			<b>!</b> :	PO#25	27006419 DT.	09.05.2023	3				
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02					
Method of Sampling & Prese	rva	tion	:	AESPL/	LAB/SOP/7.3	.1/WP-01					
<b>Environmental Condition wl</b>	Environmental Condition while Testing					e: 27.6°C ar	ıd	Humidity: 69%			
Parameter	Parameter Result			Limits	s as per	Method o	of	sampling & analysis			
SPM, mg/m <sup>3</sup>	0.4	106	-			IS 5182 (Part 23) RA2017					
nMHC, ppm	0.	26	NA [OSHA (PEL)]			APHA134-Air 3 <sup>rd</sup> Edition					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Reshma S. Patil. (Authorized Signatory)



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-24/01/06												
Name of Customer &			In	dustries L	td	20000 20						
Contact Details		,			ern Express l	Highway						
				_	_	ingiiway						
		Vikroli East, Mumbai – 400079										
N 601		Mr. Abhijit Kanse 770982586, Email: <u>abhijit.kanase@godrejinds.com</u>										
Name of Site		Godrej Industries Ltd.										
	Ambernath Plant. Dist-Thane											
Description of Sample	: Workplace											
Location of Sampling	:   1	Fatty ac	cid	Plant – 2 <sup>nd</sup>	floor							
Date of Sampling	: (	09/01/	202	24								
Sampling Time	: :	1:00 to	1:3	80 hr.	Duration		:	30 min.				
Sample Drawn By	: 1	AESPL			Transported	l By	:	AESPL				
Date of Sample Receipt		09/01/		Sample			:	A-24/01/06				
Sample Quantity &		RSPM-1	pa	per; SPM-1	NRD Cap.							
Date of Sample Analysis			202	24 to 13/0	1/2024							
Sampling Environmental	Conditio	ns	:	Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.								
Transportation Conditio	n		:	Filter pap	ers in plastic o	container						
Sampling Equipment			:	High Volu	me Sampler R	DS-I-09						
Calibration Status			:	Calibrated	d on 31/12/20	)22 due on 3	30	/01/2024				
Project/ Job number			:	PO#2527	006419 DT. 09	9.05.2023						
Reference of Sampling			:	AESPL/LA	AB/QR/7.3.3/1	R-02						
Method of Sampling & Pr	eservatio	n	:	AESPL/LA	AB/SOP/7.3.1,	/WP-01						
<b>Environmental Condition</b>	n while		:	Ambient '	Геmperature:	27.6°C and	Ηı	umidity: 69%				
Parameter	Parameter Result					Limits as per Method of sampling & and						
SPM, mg/m <sup>3</sup>	0.394	15r	15mg/m³ [OSHA (PEL)] IS			IS 5182 (Part 23) RA2017						
RSPM, mg/m <sup>3</sup>	0.134	5m	5mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017						

PEL-Permissible Exposure Limit.

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/W	P-24/01/07	7	<b>Issue Date:</b> 15/01/2024							
Name of Customer &	: Go	odrej II	ıdı	ıstries L	td					
Contact Details	Pi	rojsha	na	gar, East	ern Express l	Highway				
		•		_	ai – 400079	0 0				
				•		il: abhiiit.ka	an	ase@godrejinds.com		
Name of Site		Godrej Industries Ltd.								
Nume of Site		Ambernath Plant. Dist-Thane								
Description of Comple		Workplace								
Description of Sample				_						
Location of Sampling		oiler ho								
Date of Sampling		$\frac{0}{100}$			Duration	T	_	20 min		
Sampling Time		2:00 to 1 ESPL	12:	30 Hr.		d Dec	<u>:</u>	30 min. AESPL		
Sample Drawn By		0/01/20	12/		Transported Sample	и Бу	<u>:</u>	A-24/01/07		
Date of Sample Receipt Sample Quantity &					M-1NRD Cap.		•	A-24/01/07		
Date of Sample Analysis										
Sampling Environmental		/01/2024 to 13/01/2024 S : Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.								
Transportation Condition		3		: Filter papers in plastic container						
Sampling Equipment	11		H		olume Sampler					
Calibration Status			H		ted on 30/12/		n	20 /12 /2024		
Project/ Job number			H		27006419 DT.			30/12/2024		
Reference of Sampling			÷		LAB/QR/7.3.3		,			
Method of Sampling & Pr	ocorvation		÷		LAB/QR/7.3 LAB/SOP/7.3	•				
Environmental Condition			÷				д :	Humidity: 69%		
Parameter	ling	•	Limits as				sampling & analysis			
SO <sub>2</sub> , mg/m <sup>3</sup>	<b>Result</b> 0.030				/m³ [OSHA (PEL)] IS 5182 (Part 2) RA 2017					
SPM, mg/m <sup>3</sup>	0.328	15 m	g/r	n³ [OSHA	(PEL)]	IS 5182 (F	Pai	t 23) RA 2017		

PEL-Permissible Exposure Limit.

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#### **Test Report** (Workplace)

Ref: AESPL/LAB/C	C/WP-24/0	<u> </u>	/08		<b>Issue Date:</b> 15/01/2024						
Name of Customer &	:	:	Godrej	Inc	lus	tries L	td				
Contact Details			Pirojsha	ana	aga	r, East	ern Express I	Highway			
			Vikroli	Ea	st.	Mumb	ai – 400079	•			
					•			il: abhiiit.k	an	ase@godrejinds.com	
Name of Site		•	Godrej								
		-	,				ist-Thane				
Description of Sample	a .		Workpla			Iant. D	13t-Thane				
Location of Sampling		:	Flaker P			st Floor					
Date of Sampling		:	09/01/2			30 I 1001					
Sampling Time			11:00  to			) hr	Duration			30 min.	
Sampling Time Sample Drawn By		•	AESPL	1.		<i>J</i> 111 .	Transported	l Rv	:	AESPL	
Date of Sample Recei		:	09/01/2	202	24		Sample			A-24/01/08	
Sample Quantity &		:				: SPM-1	NRD Cap.				
Date of Sample Analy	sis	:	10/01/2	_			•				
Sampling Environmen		iti	ons	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.					No; P <sub>bar</sub> : 754 mmHg.		
Transportation Cond	ition				:	Filter	papers in plas	tic contain	er		
Sampling Equipment					:	High V	Volume Sample	er RDS-I-09	9		
Calibration Status					:	Calibr	ated on $30/12$	2/2023 due	01	n 30/12/2024	
Project/ Job number					:	PO#2	527006419 DT	Γ. 09.05.20	23		
Reference of Samplin	g				:	AESPI	L/LAB/QR/7.3	3.3/R-02			
Method of Sampling &	k Preserva	at	ion		:	AESPI	L/LAB/SOP/7.	3.1/WP-01	L		
<b>Environmental Condition while Testing</b>					:	Ambie	ent Temperatu	re: 27.6°C	an	d Humidity: 69%	
Parameter Result					Limits	s as per	Method of sampling & analysi		sampling & analysis		
SPM, mg/m <sup>3</sup>	SPM, mg/m <sup>3</sup> 0.342 15			15mg/m <sup>3</sup> [OSHA (PEL)] IS 5182 (			32 (Part 23) RA2017				
RSPM, mg/m <sup>3</sup> 0.138 51				5mg/m <sup>3</sup> [OSHA			SHA (PEL)]	IS 5182 (Part 23) RA2017			

PEL-Permissible Exposure Limit.

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

#### **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-24	/01	•	Issue Date: 15/01/2024							
Name of Customer &	:	Godrej Ind	dus	tries L	td					
Contact Details		Pirojshan	aga	r, East	ern Express H	ighway				
		-	_		ai – 400079					
		Mr. Abhijit	: Kai	nse 770	982586, Email:	abhijit.k	an	ase@godrejinds.com		
Name of Site	:	Godrej Ind						<u> </u>		
		,								
Ambernath Plant. Dist-Thane  Description of Sample : Workplace										
Location of Sampling	:	SPD Bag Fi		Area						
Date of Sampling	Ė	09/01/202		, mea						
Sampling Time	:	11:00 to 1		hr.	Duration		:	30 min.		
Sample Drawn By	:	AESPL			Transported	By	:	AESPL		
Date of Sample Receipt	:	09/01/202	24		Sample		:	A-24/01/09		
Sample Quantity &	:	RSPM-1pa	per	oer; SPM-1NRD Cap.						
Date of Sample Analysis	:	10/01/202	24 t	o 13/0	1/2024					
Sampling Environmental Con-	diti	ons	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.							
Transportation Condition			:	Filter	papers in plasti	c contain	er			
Sampling Equipment			:	High \	olume Sampler	RDS-I-07	7			
Calibration Status			:		ated on 31/12/			n 30/01/2024		
Project/ Job number			:		527006419 DT.		23			
Reference of Sampling			:		L/LAB/QR/7.3.3					
Method of Sampling & Preser			:		L/LAB/SOP/7.3					
<b>Environmental Condition whi</b>			:					d Humidity: 69%		
Parameter Result				Limit	s as per	Me	tho	od of sampling &		
						analysis				
SPM, $mg/m^3$ 0.	33(	1.	5mg	g/m³ [C	SHA (PEL)]	IS 5182 (Part 23) RA2017		art 23) RA2017		
RSPM, mg/m <sup>3</sup> 0.	126	5 5	5mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017				

#### PEL-Permissible Exposure Limit.

Conformity Statement: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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# **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/02/02 Issue Date: 12/02/2024

	NO. ALSI L/LAD/C/ A-29											
Name of	Customer & Contact	:	Godrej I									
Details			Pirojsha	ına	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com	
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al: A	Atmo	spherio	c Poll	ution				
Descript	tion of Sample	:	Ambien	t A	ir							
Location	of Sampling		Near Ma	ate	rial g	ate						
Date of S	Sampling	:	01/02/2	202	24 to	02/02/	/2024	1				
Samplin	g Time	:	09:30 to	99:30 to 09:30 hr. <b>Duration</b> :						24 Hr.		
Sample 1	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL	
Date of S	Sample Receipt	:	02/02/2	202	24		Sam	ıple Identifi	ication	:	A-24/02/02	
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	D <sub>2</sub> :1 Bot	ttle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1	
			Bottle; I	Bottle; Bladder:1; Charcoal Tube:1								
	Sample Analysis	:	03/02/2	202								
	g Environmental Condi	tio	ns	:			ture:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.					
Transportation Condition				:	Bottles < Filter papers in Bladders, charcoal tube						ers, charcoal tube	
				5°C			<u>astic contair</u>	ner   at a	ml	pient temp.		
	g Equipment	: RDS-I-04 & FDS-I-04										
	ion Status		: Calibration on 30/12/2023 due on 30/12/2024					12/2024				
	Job number			:				9 DT. 11.05				
	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02								
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01								
	mental Condition while	Te		: Temperature: 27°C, RH: 40%								
Sr. No.	Parameter		Res			Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		24.6		_	80		μg/m³			Part 2) RA2017	
2.	Nitrogen dioxide as NO	2	38.5		_	80		μg/m³			Part 6) RA2022	
3.	PM <sub>10</sub>		161.			100		μg/m <sup>3</sup>			Part 23) RA2022	
4.	PM <sub>2.5</sub>		42.9		_	60		μg/m³			Part 24) 2019	
5.	Carbon monoxide as CO	)	0.88			04*		mg/m <sup>3</sup>			oart 11) RA2019	
6.	Ozone as O <sub>3</sub>	_	17.70			180		μg/m³			oart 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		30.36			400		μg/m <sup>3</sup>			part 25) RA 2018	
8.	Benzo(a)pyrene as BaF	_	< 0		-	01*		ng/m³			part 12) 2004	
9.	Lead as Pb	_	< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd	
11.	Nickel as Ni		< 5			20*		ng/m <sup>3</sup>			method 822-3rdEd	
11.	Arsenic as As	-	< 5			06*		ng/m <sup>3</sup>			method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	ጥጥ	μg/m³	15 5182	(p	oart 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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Reshma S.Patil (Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



### **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/02/03 Issue Date: 12/02/2024

	INO ALSI L/LAD/C/ A-29											
Name of	Customer & Contact	:	Godrej I									
<b>Details</b>			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	ijit.kanas	se@	ogodrejinds.com	
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al: A	Atmo	spherio	Poll	ution				
	tion of Sample	:	Ambien			•						
	n of Sampling	:	Near ET									
Date of S	Sampling	:	01/02/2	01/02/2024 to 02/02/2024								
Samplin		:	09:40 to	09:40 to 09:40 hr. <b>Duration</b> : 24 Hr.						24 Hr.		
Sample	Drawn By	:	AESPL				Trai	nsported By	y	:	AESPL	
Date of S	Sample Receipt	:	02/02/2	202	24		Sam	ple Identifi	ication	:	A-24/02/03	
Sample	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; N(	) <sub>2</sub> :1 Bot	tle; P	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1	
_			Bottle; I	Bla	dder	1; Char	coal '	Tube:1				
Date of S	Sample Analysis	:	03/02/2	202	24to	10/02/	2024	•				
Samplin	g Environmental Condi	tio	ns	:	Ter	nperatu	ıre:24	e:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
Transpo	ortation Condition	ition				tles <		lter papers i			ers, charcoal tube	
					5°C	5°C plastic container at ambient temp.						
Samplin	g Equipment		: RDS-I-05 & FDS-I-05									
	ion Status	: Calibration on 30/12/2023 due on 30/12/2024					12/2024					
Project/	' Job number			:	PO	<sup>‡</sup> 25270	1141	9 DT. 11.05	.2023			
Referen	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02								
Method	of Sampling & Preserva	tio	n	: AESPL/LAB/SOP/7.3.1/A-01								
Environ	mental Condition while	Te	esting	ing: Temperature: 27°C, RH: 40%								
Sr. No.	Parameter		Res			Limit	s #	Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		35.3			80		μg/m³	IS 5182	(F	Part 2) RA2017	
2.	Nitrogen dioxide as NO	2	44.8			80		μg/m³	IS 5182	(F	Part 6) RA2022	
3.	PM <sub>10</sub>		114.			100		μg/m³			Part 23) RA2022	
4.	PM <sub>2.5</sub>			49.58		60		μg/m³			Part 24) 2019	
5.	Carbon monoxide as Co	)	0.88			04 *		mg/m³			oart 11) RA2019	
6.	Ozone as O <sub>3</sub>		19.55			180		μg/m³			oart 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		41.34			400		μg/m³			art 25) RA 2018	
8.	Benzo(a)pyrene as BaF	)	< 0			01 *		ng/m³			art 12) 2004	
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed	
11.	Nickel as Ni		< 5			20 *		ng/m³			method 822-3 <sup>rd</sup> Ed	
11.	Arsenic as As		< 5			06 *		ng/m³			method 302-3 <sup>rd</sup> Ed	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	(p	oart 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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Reshma S.Patil (Authorized Signatory)



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# **Test Report** (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/02/04 Issue Date: 12/02/2024

Item	No. ALSI L/LAD/C/ A-29											
Name of	Customer & Contact	:	Godrej I									
<b>Details</b>			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com	
Name of	Site	:	Godrej I	Ind	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al: 1	Atmo	spherio	. Poll	ution				
	tion of Sample	:	Ambien									
Location	of Sampling	:	Near Ma	ain	gate							
Date of S	Sampling	:	01/02/2	202	24 to	02/02/	/2024	4				
Samplin		:	09:55 to	09:55 to 09:55 hr. <b>Duration</b> : 24 Hr.						24 Hr.		
Sample	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL	
Date of S	Sample Receipt	:	02/02/2	202	24		Sam	ple Identifi	ication	:	A-24/02/04	
Sample	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; No	D <sub>2</sub> :1 Bot	ttle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1	
_			Bottle; I	Bottle; Bladder:1; Charcoal Tube:1								
Date of S	Sample Analysis	:	03/02/2	202	24to	10/02/	2024	•				
Samplin	g Environmental Condi	tio	ns	:	Ter	nperati	nture:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.					
Transpo	ransportation Condition			:	Bot	Bottles <   Filter papers in   Bladders, charcoal tub						
					5°C	5°C plastic container at ambient temp.						
Samplin	g Equipment		: RDS-I-06 & FDS-I-06									
Calibrat	ion Status		: Calibration on 30/12/2023 due on 30/12/2024					12/2024				
Project/	Job number			:	PO:	<sup>‡</sup> 25270	1141	9 DT. 11.05	.2023			
	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02								
Method	of Sampling & Preserva	tio	n	: AESPL/LAB/SOP/7.3.1/A-01								
	mental Condition while	Te		ng: Temperature: 27°C, RH: 40%								
Sr. No.	Parameter		Res	ult		Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		28.1			80		μg/m³			Part 2) RA2017	
2.	Nitrogen dioxide as NO	2	40.2			80		μg/m³			Part 6) RA2022	
3.	PM <sub>10</sub>		128.			100		μg/m³			Part 23) RA2022	
4.	PM <sub>2.5</sub>		53.3			60		μg/m³			Part 24) 2019	
5.	Carbon monoxide as Co	)	0.90			04 *		mg/m³			oart 11) RA2019	
6.	Ozone as O <sub>3</sub>		15.59			180		μg/m³			oart 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		34.88			400		μg/m³			oart 25) RA 2018	
8.	Benzo(a)pyrene as BaF	)	< 0			01*		ng/m³			art 12) 2004	
9.	Lead as Pb		< 0			1.0		μg/m³			method 822-3 <sup>rd</sup> Ed	
11.	Nickel as Ni		< 5			20 *		ng/m³			method 822-3 <sup>rd</sup> Ed	
11.	Arsenic as As		< 5			06*		ng/m³			method 302-3 <sup>rd</sup> Ed	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	(p	oart 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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### **Test Report** (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/02/05 Issue Date: 12/02/2024

Item	NO AESI E/EAD/C/ A-29											
Name of	Customer & Contact	:	Godrej I									
Details			Pirojsha	ana	gar, l	Eastern	Expr	ess Highwa	y Vikroli	(E)	), Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase Ø7	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com	
Name of	Site	:	Godrej I	nd	ustri	es Ltd.	Ambe	ernath Plant	Dist-Tha	ne		
Disciplin	ne & Group	:	Chemica	al:	Atmo	spheri	. Poll	ution				
Descript	tion of Sample	:	Ambien	t A	ir							
Location	of Sampling	:	Near AC	)S I	Plant							
Date of S	Sampling	:	01/02/2	01/02/2024 to 02/02/2024								
Samplin	g Time	:	10:00 to	10:00 to 10:15 hr. <b>Duration</b> : 24 Hr.						24 Hr.		
Sample l	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL	
Date of S	Sample Receipt	:	02/02/2	202	24		Sam	ple Identifi	ication	:	A-24/02/05	
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; No	D <sub>2</sub> :1 Bot	ttle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	5-1; 03: 1	Во	ttle & NH3:1	
			Bottle; I	Bottle; Bladder:1; Charcoal Tube:1								
	Sample Analysis	:	03/02/2	202	24to	10/02/	2024	:				
	g Environmental Condi	tio	ns	:	Ter	nperatı	ature:25-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.					
Transportation Condition				:	Bottles <   Filter papers in   Bladders, charcoal tube						ers, charcoal tube	
						5°C plastic container at ambient temp.						
	g Equipment	: RDS-I-09 & FDS-I-07										
	ion Status		: Calibration on 30/12/2023 due on 30/12/2024					12/2024				
	Job number			:				9 DT. 11.05				
	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02								
	of Sampling & Preserva			: AESPL/LAB/SOP/7.3.1/A-01								
	mental Condition while	Te										
Sr. No.	Parameter		Res			Limit		Unit			f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		31.6			80		μg/m³			art 2) RA2017	
2.	Nitrogen dioxide as NO	2	47.7			80		μg/m³			art 6) RA2022	
3.	PM <sub>10</sub>		143.			100		μg/m³			Part 23) RA2022	
4.	PM <sub>2.5</sub>		55.4		_	60		μg/m³			art 24) 2019	
5.	Carbon monoxide as CO	)	0.80		_	04 *		mg/m <sup>3</sup>			oart 11) RA2019	
6.	Ozone as O <sub>3</sub>	_	24.31		_	180		μg/m³			art 9) RA2019	
7.	Ammonia as NH <sub>3</sub>	_	39.41			400		μg/m³			art 25) RA 2018	
8.	Benzo(a)pyrene as BaF	,	< 0			01*		ng/m³			oart 12) 2004	
9.	Lead as Pb		< 0			1.0		μg/m <sup>3</sup>			method 822-3rdEd	
11.	Nickel as Ni		< 5			20 *		ng/m <sup>3</sup>			method 822-3rdEd	
11.	Arsenic as As		< 5			06*		ng/m³			method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 *	**	μg/m³	IS 5182	(p	art 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters except PM<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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Reshma S.Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015** & **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024. **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

# Test Report (Noise)

**Ref. No.:** AESPL/LAB/C/N-24/02/05 **Issue Date:** 06/02/2024

Name	of Customer &	:	Godrej Industries Ltd							
Conta	ct Details		Pirojshanagar, Easter	n Express Highway Vikrol	i Ea	ast, Mumbai 400079				
				0982586Email: <u>abhijit.kar</u>						
Name	of Site	:	Godrej Industries Ltd	Ambernath Plant Dist-Tha	ane	!				
Discip	oline & Group	:	Chemical: Atmospher	ic Pollution						
Descr	ription of Sample	:	Ambient Noise							
Locat	ion Details	:	Inside factory							
Date o	of Sampling	:	01/02/2024	Period of Sampling	:	Spot				
Start	& End Time of	:	11.00 Hr 12.00Hr.	Start & End Time of	:	22.15 Hr23.15Hr.				
Samp	ling (Daytime)			Sampling (Nighttime)						
Monit	tored By	:	AESPL	Transported By	:	AESPL				
Date	of Data Receipt	:	03/02/2024	Sample Identification	:	N-24/02/05				
Envir	onmental Condition	:	Climate: Clear							
Trans	sportation	:	Noise Data sheet is k	ept in folder and safely tr	an	sported to laboratory				
Condi	ition		along with Noise meter	er.						
Samp	ling Equipment	:	Noise meter - Centre (	C-390 SL-I-06						
	ration Status	:	Calibrated on 29/04/	Calibrated on 29/04/2023; calibration due on 28/04/2024						
Proje	ct/ Job Number	:	PO#2527006419 DT.	PO#2527006419 DT. 09.05.2023						
Refer	ence of Sampling	:	AESPL/LAB/QR/7.3.3	AESPL/LAB/QR/7.3.3/R-02						
Madle	ad af Carrellina	١.	IC 0000 D A 2020							
metne	od of Sampling		IS 9989 RA:2020							
Sr.		Loc	15 9989 RA:2020 ation	Noise Day Time		Noise Nighttime				
Sr. No.		Loc		dB(A)		dB(A)				
Sr. No.	Near ETP	Loc		<b>dB(A)</b> 69.5		<b>dB(A)</b> 66.2				
Sr. No. 1. 2.	Near ETP FAD Plant	Loc		<b>dB(A)</b> 69.5 67.9		<b>dB(A)</b> 66.2 65.0				
Sr. No. 1. 2. 3.	Near ETP FAD Plant Tank farm		ation	dB(A) 69.5 67.9 64.0		dB(A) 66.2 65.0 60.9				
Sr. No. 1. 2. 3. 4.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI		ation	dB(A) 69.5 67.9 64.0 66.2		dB(A) 66.2 65.0 60.9 64.3				
Sr. No. 1. 2. 3. 4. 5.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house		ation	dB(A) 69.5 67.9 64.0 66.2 70.5		dB(A) 66.2 65.0 60.9 64.3 68.9				
Sr. No.  1. 2. 3. 4. 5. 6.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0				
Sr. No.  1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2				
Sr. No. 1. 2. 3. 4. 5. 6. 7.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0 61.2		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8 60.6				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0 61.2 64.5		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8 60.6 61.8				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0 61.2 64.5 67.3		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8 60.6 61.8 64.0				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate Flaker's section		ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0 61.2 64.5 67.3 68.1		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8 60.6 61.8 64.0 64.3				
Sr. No.  1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	Near ETP FAD Plant Tank farm Near FSP/GDP/SWI Near boiler house Engineering stores AOS Plant Main gate Time office Near canteen Near DG DM Plant RM Plant Near material gate	: Pla	ation	dB(A) 69.5 67.9 64.0 66.2 70.5 60.1 59.8 66.0 63.0 64.5 58.0 61.2 64.5 67.3		dB(A) 66.2 65.0 60.9 64.3 68.9 59.0 58.2 64.5 60.0 58.3 57.8 60.6 61.8 64.0				

**Conformity Statement**: Noise Levels at all the locations are found below the stipulated limits. **Note:** 

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Reshma S. Patil. (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.**: AESPL/LAB/C/ ST- 24/02/01 **Issue Date**: 10/02/2024

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/U2/U1							
Name of Customer & Contact Details	:	Godrej In	dus	stries Ltd.			
			_	ar, Eastern Express Highway Vikroli (E),			
				00099.Mr. Abhijit Kanase.			
	<u> </u>	<b>⊘770982</b>	258	86 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej In	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical	: At	tmospheric Pollution			
Description of sample	:	Stack Em	issi	ion			
Sample Identification number	:	ST- 24/01	1/3	32			
Sample Quantity	:	SO <sub>2</sub> :1Bott	tle;	NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			4, 10:00-10:40 hr.			
Sampling Environmental Conditions	:	Temp.:32	°C;	Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <	5°(	Thimbles in Bladders at			
		plastic container   ambient te					
Sample Monitored & Transported by	:	AESPL	20.4				
Date of sample receipt	:	: 03/02/2024					
Date of sample analysis	<u>:</u>	: 03/02/2024 to 07/02/2024					
Sampling Equipment Used	:						
Calibration status	:	, , ,					
Project/ Job number				9419 DT. 09.05.2023			
Reference of sampling	: AESPL/L			B/QR/7.3.3/R-02			
Method of sampling & preservation	: AESPL/LAB/SOP/7.3.1/ST-01						
<b>Environmental Condition while Testing</b>	:	Temperat	tur	re: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			:	FADP-7 Briquette Fired Thermic			
				Fluid Heater			
Emission due to			:	Combustion of Solid Briquette			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	tfo	rm	:	Yes			
B. Physical Characteristics of Stack:				20			
Height of stack from ground level (m)			:	30			
Height of sampling point from ground level (m)			:				
Diameter of Stack at sampling point (m)			:	0.35			
Area of stack (m²)  C. Analysis/ Characteristic of Stack:			-	0.096			
Fuel used				Briguette			
Fuel consumption (Kg/hr.)			:	Briquette			
Details of pollution control devices attached w	ith	the stack	:	Wet Scrubber			
Details of pollution control devices attached w	1111	uic stack.	•	VV CL DCI UDDCI			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# <u>Test Report</u> (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/02/01 **Issue Date:** 10/02/2024

D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	140		°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	4.80		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	1157		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	56.93	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	37.14		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.03	29	Kg/day	IS-11255, (part-2) 2019
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	59.49		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/U2/U2	Issue Date: 10/02/2024					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli (E),				
		Mumbai – 400119. Mr. Abhijit Kanase;				
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 24/02/02				
Sample Quantity	:	Thimble-1.				
Date & Time of sampling	:	01/02/2024, 11:30-11:56 hr.				
Sampling Environmental Conditions	:	Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.				
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at				
		plastic container   ambient temp.				
Sample Monitored & Transported by	:	: AESPL				
Date of sample receipt	:	03/02/2024				
Date of sample analysis	:	03/02/2024 to 07/02/2024				
Sampling Equipment Used	:					
Calibration status	:	: 25/05/2023 to 25/05/2024				
Project/ Job number	:	: P0#2527011419 DT. 11.05.2023				
Reference of sampling	: AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	: AESPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	ŀ	Temperature: 27°C; RH-40%				
A. General Information About Stack:						
Stack Connected to		: Spray drier				
Emission due to		: Process Activity				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent pla	tfo	rm : Yes				
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		: 28.75				
Height of sampling point from ground level (m	J	:				
Diameter of Stack at sampling point (m)	: 0.66					
Area of stack (m²)		: 0.342				
C. Analysis/ Characteristic of Stack:						
Fuel used Fuel consumption		:				
Details of pollution control devices attached w	ith	the : Cyclone + Bag filter				
stack:	1111	. Cyclone + Dag Inter				



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TC-7085

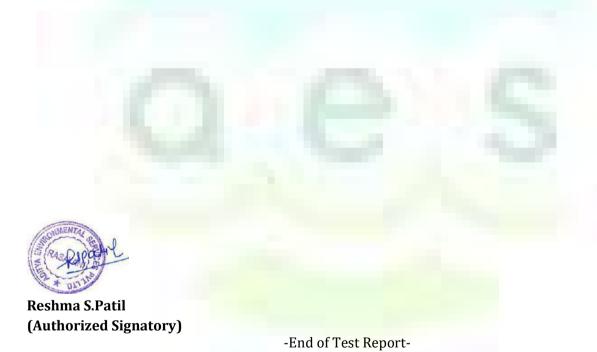
# Test Report (Stack Emission)

D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	68		°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	10.00		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	10343		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	32.73	150	mg/Nm³	IS-11255, (part- 1,3) 2018-19

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

	NO.: AESPL/LAB/C/ S1- 24/02/03						
Name of Customer & Contact Details	:	Godrej In	dus	stries Ltd.			
		Pirojshar	aga	ar, Eastern Express Highway Vikroli (E),			
		Mumbai -	- 40	00119. Mr. Abhijit Kanase;			
		<b>©771182</b>	258	66 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:		Godrej Industries Ltd.				
			Ambernath Plant Dist-Thane				
Discipline & Group	:			tmospheric Pollution			
Description of sample	:	Stack Em	issi	ion			
Sample Identification number	<u>:</u>	ST- 24/0					
Sample Quantity	:	SO <sub>2</sub> :1Bot	tle;	NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			ł, 13:00 to 13:32 hr.			
Sampling Environmental Conditions	:	Temp.:31	.°C;	Rain fall: No; P <sub>bar</sub> : 752 mmHg.			
Transportation Condition	:	Bottles < 5°C Thimbles in plastic container ambient ter					
Sample Monitored & Transported by	:	-					
Date of sample receipt	:	03/02/2024					
Date of sample analysis	:	03/02/2024 to 07/02/2024					
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	: 25/05/2023 to 25/05/2024					
Project/ Job number	:	: P0#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	AESPL/L	AB,	/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Tempera	tur	e: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			:	Hot Air Generator			
Emission due to			:	Process Activity			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:				20.55			
	Height of stack from ground level (m)			28.75			
Height of sampling point from ground level (m)			:				
Diameter of Stack at sampling point (m)			:	0.30			
Area of stack (m²)			:	0.071			
C. Analysis/ Characteristic of Stack: Fuel used							
Fuel consumption			:				
Details of pollution control devices attached w	rith	the stacks	:	Cyclone + Bag filter			
Details of politicol collicion devices attached w	IUI	uic stack.		Cyclone + Dag Intel			



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TC-7085

# Test Report (Stack Emission)

D. R	esult of Sampling & Analysis o	f Gaseous E	mission:		·
SL.	Parameter	Result	MPCB.	Unit	Method of analysis
No.			Limits		
1.	Gas Temperature	167		°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	6.00		m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	1003		Nm³/hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	45.71	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide (as SO <sub>2</sub> )	36.42		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.88	64	Kg/day	IS-11255, (part-2) 2019
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	53.76		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



# Test Report (Stack Emission)

$\mathbf{D} = \mathbf{C} \mathbf{N} = \mathbf{A} \mathbf{E} \mathbf{C} \mathbf{D} \mathbf{I} / \mathbf{I} \mathbf{A} \mathbf{D} / \mathbf{C} / \mathbf{C} \mathbf{T} \mathbf{D} \mathbf{A} / \mathbf{O} \mathbf{D} / \mathbf{O} \mathbf{A}$	Inc Data 10/02/2024
<b>Ref. No.:</b> AESPL/LAB/C/ST-24/02/04	<b>Issue Date:</b> 10/02/2024

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/02/04		Issue Date: 10/02/2024			
Name of Customer & Contact Details	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli			
		(E), Mumbai – 400119.			
		Mr. Abhijit Kanase; ⊘771182586			
		⊠:abhijit.kanase@godrejinds.com			
Name of Site	:	,			
DI 1 11 0 0	_	Ambernath Plant Dist-Thane			
Discipline & Group	<u> </u>	Chemical: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	<u>:</u>	ST- 24/02/04			
Sample Quantity	<u> </u> :	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Acidmist-1 Bottle.			
Date & Time of sampling	:	01/02/2024, 14:15-15:05 hr.			
Sampling Environmental Conditions	:	1 , , , , , , , , , , , , , , , , , , ,			
Transportation Condition		Bottles < Thimbles in Bladders at			
Course Manifested 0.77		5°C plastic container ambient temp.			
Sample Monitored & Transported by	<u>:</u>	AESPL			
Date of sample receipt	:				
Date of sample analysis	:	03/02/2024 to 07/02/2024			
Sampling Equipment Used	:	ST-I-02			
Calibration status	<u> </u> :	1 7			
Project/ Job number	:	PO#2527011419 DT. 11.05.2023			
Reference of sampling	<u>:</u>	, , , , ,			
Method of sampling & preservation	Ŀ	AESPL/LAB/SOP/7.3.1/ST-01			
Environmental Condition while Testing	Ŀ	Temperature: 27°C; RH-40%			
A. General Information About Stack:					
Stack Connected to		: AOS Scrubber-process stack			
Emission due to		: Process Activity			
Material of construction of stack		: MS			
Shape of stack		: Circular			
Whether stack is provided with permanent platf	orm	ı : Yes			
B. Physical Characteristics of Stack:		: 30			
Height of stack from ground level (m)  Height of sampling point from ground level (m)	: 30				
Diameter of Stack at sampling point (m)	: 0.6				
Area of stack (m <sup>2</sup> )	: 0.283				
C. Analysis/ Characteristic of Stack:	1 0.200				
Fuel used		:			
Fuel consumption		:			
Details of pollution control devices attached with	n th				
•		<u> </u>			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Issue Date: 10/02/2024

# Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-24/02/04

MCI.	Ref. No.: AESI L/EAD/C/S1-24/02/04 ISsue Date: 10/02/2024											
D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	38		°C	IS-11255, (part- 1) 2019							
2.	Gas velocity	2.91		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	2735		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022							
7.	Acid mist	9.20	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132111 UDYAM-MH-19-0029787

# Test Report (Stack Emission)

	. AESFE/LAD/C/ 31- 24/02/		<u> </u>	0 1 17 1			sue Date. 10/02/2024		
Name of	f Customer & Contact Detai	IS	:	,	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit				
				Kanase. ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of	f Site	:	:				nbernath Plant Dist-Thane		
Discipli	ne & Group		:	Chemical: Atm	ospl	neric I	Pollution		
	tion of sample	:	:	Stack Emission	1				
Sample	Identification number		:	ST- 24/02/04					
Sample	Quantity	:	:	SO <sub>3</sub> :1Bottle; SO	) <sub>2</sub> :11	Bottle.			
Date &	Time of sampling		:	01/02/2024, 1	4:1	5-15:0	95 hr.		
Samplin	ng Environmental Condition	ns	:	Temp.:31°C; R	ain f	all: No	o; P <sub>bar</sub> : 753 mmHg.		
Transpo	ortation Condition		:	Bottles < 5°C					
Sample	<b>Monitored &amp; Transported</b>	by	:	AESPL					
Date of	sample receipt		:	03/02/2024					
Date of	sample analysis		:	03/02/2024 to	o 07	/02/2	024		
Samplin	ng Equipment used & Calibi	ration	:	ST-I-02; Calibr	atio	n on 2	5/05/2023 to 25/05/2024		
Project,	/ Job number		:	PO#25270114	19 I	T. 11	.05.2023		
Referen	ice of sampling	:	:	AESPL/LAB/Q	R/7	3.3/R	-02		
Method	of sampling & preservation	n :	:	AESPL/LAB/SOP/7.3.1/ST-01					
Environ	mental Condition while Te	sting	:	Temperature:	27°	C; RH	-40%		
A. Gene	eral Information About Stac	:k:							
Stack Co	onnected to					: A0	S Scrubber-process stack		
Emission	n due to					: Pro	ocess Activity		
	of construction of stack					: MS			
Shape of						_	cular		
	r stack is provided with perm		tf	orm		: Yes	S		
	ical Characteristics of Stack								
	of stack from ground level (m)		_			: 30			
	of sampling point from ground		)			:			
	er of Stack at sampling point (	<u>m)</u>				: 0.6			
	stack (m²)					: 0.2	83		
	vsis/ Characteristic of Stack	<b>(:</b>							
Fuel used & Consumption :  Details of pollution control devices attached with the stack: : Scrubber + ESP									
						:   Scr	ubber + ESP		
	lt of Sampling & Analysis of		_		T	T.,	Mathadafanalasis		
SL. No.	Parameter Sulphur Triovide (ag SO )	Result		MPCB. Limits		Jnit /Nm <sup>3</sup>	Method of analysis		
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND 1.05							
2.	Sulphur Dioxide (as SO <sub>2</sub> )	1.05		50	p	pm	IS-11255, (part-2) 2019		

**ND=Not detected. Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent. **Note:** 

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/02/05	1	Issue Date: 10/02/2024					
Name of Customer & Contact Details	:	Godrej Indu					
				Eastern Express Hig			
			(E), Mumbai – 400119. Mr. Abhijit Kanase.				
		©7711825	86 ₺	⊿abhijit.kanase@god	rejinds.com		
Name of Site	:	Godrej Indu	<u>ıstr</u> i	es Ltd. Ambernath P	lant Dist-Thane		
Discipline & Group	:	Chemical: A	ltmo	spheric Pollution			
Description of sample	:	Stack Emiss	sion				
Sample Identification number	:	ST- 24/02/					
Sample Quantity	:	SO <sub>2</sub> :1Bottle	; NC	2:1 Bottle; Thimble-	1.		
Date & Time of sampling	:	01/02/202	4, 0	9:30-10:02 hr.			
Sampling Environmental Conditions	:	Temp.:30°C	C; Ra	in fall: No; P <sub>bar</sub> : 753	mmHg.		
Transportation Condition	:	Bottles < 5°	- <u>-</u>	Thimbles in	Bladders at		
			u	plastic container	ambient temp.		
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	03/02/202	4				
Date of sample analysis	:	03/02/202	4 to	07/02/2024			
Sampling Equipment Used	:	ST-I-02					
<b>Calibration status</b>	:	25/05/202	3 to	25/05/2024			
Project/ Job number	:			419 DT. 11.05.2023	3		
Reference of sampling	:	AESPL/LAE	B/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAE	3/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	Temperatu	ature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to		:		iler 14335(MP) & 15			
Emission due to				mbustion of Mixed o	•		
				P-Boiler & 15927 HP	-Boiler)		
Material of construction of stack		:	MS				
Shape of stack		:		cular			
Whether stack is provided with permanent pla	tto	rm :	Ye	S			
B. Physical Characteristics of Stack:			1.0				
Height of stack from ground level (m)	1	1:	46				
	Height of sampling point from ground level (m)			OF .			
Diameter of Stack at sampling point (m)			0.8				
Area of stack (m²)  C. Analysis/ Characteristic of Stack:		:	0.5	668			
Fuel used			M	ixed oil + NG			
Fuel consumption				Ton/day. + 62 Sm3	/hr		
Details of pollution control devices attached w	ith			o 1011/uay. + 62 31113 ack	/ 111 .		
stack:	1111		Sic	ICK			
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TC-7085

### Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/02/05 **Issue Date:** 10/02/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	171		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	5.76		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	7646		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	48.48	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	29.09		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	5.34	293	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	56.05		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

# <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/02/06				<b>Issue Date:</b> 10/02/2024			
Name of Customer & Contact Details	:		,	ustries Ltd.			
				gar, Eastern Express Highv			
				ai – 400119. Mr. Abhijit Ka			
		<b>†</b>		586 ⊠ <u>abhijit.kanase@godre</u>	•		
Name of Site	:			ustries Ltd. Ambernath Pla	int Dist-Thane		
Discipline & Group	:			Atmospheric Pollution			
Description of sample	:	Stack	Em	sion			
Sample Identification number	:	ST- 24	/02	/06			
Sample Quantity	:	SO <sub>2</sub> :1E	3ot1	e; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			24, 10:40-11:10 hr.			
Sampling Environmental Conditions	:	Temp.	:30	C; Rain fall: No; P <sub>bar</sub> : 753 m			
Transportation Condition	:				Bladders at		
		Bottle	s <	1	ambient		
C 1 M ': 10 M		AEGDI			temp.		
Sample Monitored & Transported by	:	AESPL		2.4			
Date of sample receipt	:	03/02	•				
Date of sample analysis	:			24 to 07/02/2024			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:			23 to 25/05/2024			
Project/ Job number	:	P0#2527011419 DT. 11.05.2023					
Reference of sampling	:			B/QR/7.3.3/R-02			
Method of sampling & preservation	Ŀ		•	B/SOP/7.3.1/ST-01			
Environmental Condition while Testing	Ŀ	Temp	era	re: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			:	Boiler LP 15928 & 15926			
Emission due to			:	Combustion of Briquette at LP 15928			
Matarial of agreturation of stack			<u> </u>	boiler MS			
Material of construction of stack Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfo	rm	:	Yes			
B. Physical Characteristics of Stack:	1110	1111		103			
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m	1)		:				
Diameter of Stack at sampling point (m)			:	1.2			
Area of stack (m <sup>2</sup> )			:	1.131	-		
C. Analysis/ Characteristic of Stack:							
Fuel used			:	Solid Briquette			
Fuel consumption			:	Briquette 50 ton/hr.			
Details of pollution control devices attached w	rith	the	:	Scrubber, Stack			
stack:							



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TC-7085

# Test Report (Stack Emission)

	=======================================											
D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	109		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	5.45		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	16820		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	76.83	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	48.16		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	19.44	260	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	72.00		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

# Test Report (Stack Emission)

Kel. No.: AESPL/LAD/C/ 31- 24/02/07		155ue Date: 10/02/2024			
Name of Customer & Contact Details	:	Godrej Industries Ltd.			
		Pirojshanagar, Eastern Express Highway Vikroli			
		(E), Mumbai – 400119. Mr. Abhijit Kanase.			
		⊘771182586 ⊠abhijit.kanase@godrejinds.com			
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	:	ST- 24/02/07			
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:	02/02/2024, 11:50-12:20 hr.			
Sampling Environmental Conditions	:	Temp.:31C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition		Bottles < 5°C Thimbles in Bladders at			
		plastic container   ambient temp.			
Sample Monitored & Transported by	:	AESPL			
Date of sample receipt	:	03/02/2024			
Date of sample analysis	:	03/02/2024 to 07/02/2024			
Sampling Equipment Used	:	ST-I-02			
<b>Calibration status</b>	:	25/05/2023 to 25/05/2024			
Project/ Job number	:	PO#2527011419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%			
A. General Information About Stack:					
Stack Connected to		: Thermic Fluid Heater/Thermo			
		Syphon heater TP15/TS10			
Emission due to		: Combustion of NG			
Material of construction of stack		: MS			
Shape of stack		: Circular			
Whether stack is provided with permanent pla	itfo	rm : Yes			
B. Physical Characteristics of Stack:					
Height of stack from ground level (m)	: 38				
Height of sampling point from ground level (m	:				
Diameter of Stack at sampling point (m)	: 0.60				
Area of stack (m²)	:   0.283				
C. Analysis/ Characteristic of Stack:		NC			
Fuel used		: NG			
Fuel consumption (Sm <sup>3</sup> /hr.)	241.	: 27			
Details of pollution control devices attached w	the stack:  :   Stack				



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/02/07 **Issue Date:** 10/02/2024

	, , , ,				, ,							
D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	177		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	6.05		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	3966		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	8.79	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	6.69		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.64	270	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	76.83		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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 $TC_{-}708$ 

# <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/02/08	<b>Issue Date:</b> 10/02/2024						
Name of Customer & Contact Details	:	,		ıstries Ltd.			
				gar, Eastern Express Highway Vikroli (E),			
				00119. Mr. Abhijit Kanase.			
		<b>⊘77118</b>	325	8 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej Ir	ıdı	stries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:			tmospheric Pollution			
Description of sample	:	Stack En	iiss	sion			
Sample Identification number	:	ST- 24/0	2/	08			
Sample Quantity	:	SO <sub>2</sub> :1Bot	tle	; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			4, 13:00-13:32 hr.			
Sampling Environmental Conditions	:	Temp.:30	0°C	; Rain fall: No; P <sub>bar</sub> : 754 mmHg.			
Transportation Condition	:	Bottles <	: 5°	C Thimbles in Bladders at			
				plastic container   ambient temp.			
Sample Monitored & Transported by	:	AESPL	00				
Date of sample receipt	:	03/02/2					
Date of sample analysis	:		02	4 to 07/02/2024			
Sampling Equipment Used	:	ST-I-02					
Calibration status	:			4 to 25/05/2024			
Project/ Job number	:			11419 DT. 11.05.2023			
Reference of sampling	:			B/QR/7.3.3/R-02			
Method of sampling & preservation	:			B/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	÷	Tempera	itui	ıre: 27°C; RH-40%			
A. General Information About Stack:							
Stack Connected to			: Thermic Fluid Heater/Thermo Syphon				
				heater FADP-2 TS-04 & TS-06			
Emission due to			:	Combustion of NG (TS-04 & TS-06)			
Material of construction of stack			:	MS			
Shape of stack	LC-		:	Circular			
Whether stack is provided with permanent pla  B. Physical Characteristics of Stack:	(101	rin	:	Yes			
Height of stack from ground level (m)				38			
Height of stack from ground level (m)  Height of sampling point from ground level (m)	)						
Diameter of Stack at sampling point (m)				0.35			
Area of stack (m <sup>2</sup> )				0.096			
C. Analysis/ Characteristic of Stack:			:				
Fuel used				NG			
Fuel consumption			:	52 Sm <sup>3</sup> /hr.			
Details of pollution control devices attached wi	ith	the	:	Stack			
stack:							



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/02/08 **Issue Date:** 10/02/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:											
SL.	Parameter	Result	MPCB.	Unit	Method of analysis							
No.			Limits									
1.	Gas Temperature	169		°C	IS-11255, (part- 1,3) 2018-19							
2.	Gas velocity	5.48		m/s	IS-11255, (part- 1,3) 2018-19							
3.	Gas flow rate	1304		Nm³/hr.	IS-11255, (part- 1,3) 2018-19							
4.	Particulate Matter	13.33	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19							
5.	Sulphur Dioxide (as SO <sub>2</sub> )	6.27		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019							
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.20	125	Kg/day	IS-11255, (part-2) 2019							
7.	Nitrogen Oxide (as NO <sub>2</sub> )	89.24		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017							

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# Test Report (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/02/11 **Issue Date:** 09/02/2024

		_							<i> </i>		
	e of Customer& Contact	:	God	Godrej Industries Ltd							
Deta	ils		Piro	Pirojshanagar, Eastern Express Highway							
				Vikroli East, Mumbai – 400079							
					,	se 770982586,Em					
					•	godrejinds.com	4111				
Nam	e of Site					ries Ltd.Amberna	oth Dlant I	hic	rt-Thana		
	re of Sample	Ė	Efflu			Location of Sai			ETP - Outlet		
	of Sample Drawn	:			2024	Time of Sampl		:			
	ole Drawn By	:	AES		2024	Transported B			+		
	<u> </u>	:			2024	<u> </u>		:			
	of Sample Receipt	:			2024				W- 24/02/11		
Samı	ole Quantity & Container	:				an, <b>B</b> -500ml; Am	ber colored	ı g	glass bottle, <b>F</b> -		
<b>D</b> :	60 1 4 1 1				stic can						
	of Sample Analysis	:	02/0	)2/		07/02/2024					
Envi	ronmental Conditions at site			:		Temperature: 27°	C, Air Temp	ei	rature: 29°C,		
						nding was clean.					
Tran	sportation Condition			:		with $H_2SO_4$ , <b>B</b> : <2			•		
						Temperature: < 6		ra	ge.		
	ect/ Job number			:	25270	06419 dtd 09 M	ay 2023				
Refe	rence of Sampling			••	1 1 2 1						
Meth	od of Sampling & Preservation	n		:   AESPL/LAB/SOP/7.3.1/W-01							
Envi	ronmental Condition while Te	esti	ng	: Ambient Temperature: 28.5°C and Humidity: 52%							
Sr.	Parameter with unit			F	Result	esult MPCB Consent Method of analysis					
No.						Limit					
1.	рН @ 25°C				7.22	6.0 to 8.5	APHA-202	23	(4500H+-B)		
2.	Suspended Solids @ 103°C, mg	g/l			8.0	< 100	APHA-202		(2540-D)		
3.	Chemical Oxygen Demand, mg	/l			240	< 250	APHA-202	23	(5220-B)		
4.	Biochemical Oxygen Demand				82	< 100	IS-3025 (I	P-4	44) RA2019		
	@ 27°C for 3 days, mg/l										
5.	Total Dissolved Solids @ 180°	@ 180°C, mg/l			850	< 2100 APHA-20		23	(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l				240	< 600	APHA-202	23	(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l			(	93.81	< 1000	APHA-20		(4500SO <sub>4</sub> <sup>2</sup> -E)		
8.	Total Ammoniacal Nitrogen as	NF	ł <sub>3</sub> ,		0.84	< 50	APHA-202	23	(4500NH <sub>3</sub> -B&C)		
	mg/l										
9.	Anionic detergent as MBAS, m	g/l			< 0.04	< 5.0	APHA-202				
10.	Oil & Grease, mg/l				< 2.0	< 10	IS-3025 (	P-3	39) RA2019		

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

	: AESPL/LAB/C/W-24/UZ/	12					issue Date: (	ワファ	/02/2024		
	f Customer& Contact	:	God	rej	Industri	es Ltd					
Details			Piro	jsh	anagar, I	Eastern Exp	ress Highway				
						mbai – 400					
			Mr. A	Abh	ijit Kanse	770982586	,Email:				
					•	godrejinds.c					
Name o	f Site	:	_	Godrej Industries Ltd.Ambernath Plant. Dist-Thane							
Nature	of Sample	:		Effluent Location of Sample : ETP Inle							
Date of	Sample Drawn	••	02/0	)2/	2024	Time of Sa	mple Drawn	:	10.40 am		
Sample	Drawn By	••	AESI	PL		Transport	ed By	:	AESPL		
Date of	Sample Receipt	••	02/0	)2/	2024	Sample Ide	entification	:	W- 24/02/12		
Sample	Quantity & Container	:				n, <b>B</b> -500ml;	Amber colored	d g	lass bottle, <b>F</b> -		
					istic can.						
	Sample Analysis	:	02/0	)2/		7/02/2024					
Environ	mental Conditions at site			:			27°C, Air Temp	er	ature: 29°C,		
						ding was cle					
Transp	ortation Condition			:			$B: <2.0 \text{ with } H_2S$				
							< 6°C, Cold sto	rag	ge.		
	/ Job number			:			9 May 2023				
	ice of Sampling			:	•	AB/QR/7.3					
	of Sampling & Preservation			:		AB/SOP/7.:	<u>,                                      </u>				
	mental Condition while Te	esti	ng	:	Ambient Temperature: 28.5°C and Humidity: 52%						
Sr.No.	Parameter					sult			f analysis		
1.	рН @ 25°С					02	APHA-2023(4				
2.	Suspended Solids @ 103°C,					4	APHA-2023(2				
3.	Chemical Oxygen Demand,		/l		26	500	APHA-2023(5				
4.	Biochemical Oxygen Demar	ıd			8	50	IS-3025 (Part	44	2023		
	@ 27°C for 3 days, mg/l										
5.	Total Dissolved Solids @ 18	0°(	Ξ,			520	APHA-2023(2				
6.	Chloride as Cl-, mg/l					20	APHA-2023(4				
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l		284.61 APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)								
8.						52	APHA-2023(4	50	$0NH_3-B\&C)$		
	mg/l										
9.	Anionic detergent as MBAS	g/l		< (	0.04	APHA-2023(5	54	0-C)			
10.	Oil & Grease, mg/l			< 2.0 IS-3025 (Part 39) RA2019					9) RA2019		
	·										

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

Page 1 of 1

# <u>Test Report</u> (Wastewater)

	AESPL/LAB/C/W-24/UZ/	10					ssue Date:	0 )	/ UZ / ZUZ <del>T</del>			
	Customer& Contact	:	God	rej	Industri	es Ltd						
Details			Piro	jsh	anagar, l	Eastern Expre	ss Highway					
			Vikr	oli	East, Mu	ımbai – 40007	<b>'</b> 9					
					•	: 770982586,E1						
			<u>abhi</u>	jit.l	kanase@	godrejinds.com	<u>1</u>					
Name of		:				es Ltd.Amberi		Dis				
	of Sample	:		Effluent <b>Location of Sample</b> : RO 1 Pr								
	Sample Drawn	:			2024	Time of Samp		:				
	Drawn By	:	AES			Transported		:				
	Sample Receipt	:			2024	Sample Ident		:				
Sample	Quantity & Container	:				n, <b>B</b> -500ml; Ar	nber colore	d g	lass bottle, <b>F</b> -			
Data of	Constant Andrews				stic can.	7/02/2024						
	Sample Analysis mental Conditions at site	:	02/0	)Z/. :		7/02/2024	6°C Air Tom	nor	ratura, 20°C			
Eliviioli	mental Conditions at site			•	Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.							
Transno	ortation Condition			:	<b>A:</b> <2.0 with $H_2SO_4$ , <b>B:</b> <2.0 with $H_2SO_4$ , <b>F:</b> < 6°C							
Trunspo				•		emperature: <						
Project/	Job number			:		6419 dtd 09 l			5			
	ce of Sampling			:		LAB/QR/7.3.3/						
	of Sampling & Preservatio	n		:	•	LAB/SOP/7.3.1						
Environ	mental Condition while Te	sti	ng	:	Ambient Temperature: 28.5°C and Humidity: 52%							
Sr.No.	Parameter					Result	Meth	od	of analysis			
1.	pH @ 25°C					7.33	APHA-202	23(	(4500H+-B)			
2.	Turbidity, NTU					< 2.0	APHA-202	23(	(2130-B)			
3.	Suspended Solids @ 103	°C,	mg/l			4.0	APHA-202	23(	(2540-D)			
4.	Chemical Oxygen Deman	d, 1	mg/l			40	APHA-202	23(	(5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	'l	230	APHA-202	23(	(2540-C)			
6.	Chloride as Cl-, mg/l					41	APHA-202	23(	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					7.95	APHA-2023(4500SO <sub>4</sub> <sup>2</sup> E)					
8.	Residual Chlorine, mg/l			0.56	APHA-2023(4500ClB)							
9.	Hardness CaCO <sub>3</sub> , mg/l			10	APHA-2023(2340-C)							
10.	Iron as Fe, mg/l					0.030		`	(3500Fe-B)			
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-202	23(	(4500SiO <sub>2</sub> -C)			
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (I	Par	t 39) RA2019			

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/02/14 **Issue Date**: 09/02/2024

Kei. No.:	AESPL/LAB/C/W-24/02,	/14	ŀ			ISS	<b>ue Date:</b> 09	/U	02/2024			
	Customer& Contact	:	God	rej	Industri	es Ltd						
Details				rojshanagar, Eastern Express Highway								
					,	mbai – 40007						
					•	. 770982586,Eı						
						godrejinds.com						
Name of		:				es Ltd.Amberi						
	of Sample	:		Effluent Location of Sample : RO 2								
	Sample Drawn	:			2024	Time of Samp			11.10 am			
	Drawn By	:	AES		2024	Transported						
	Sample Receipt	:			2024	Sample Ident		:				
Sample	Quantity & Container	:				n, <b>B</b> -500ml; Aı	mber colored	ı g	lass bottle, <b>F</b> -			
Data of	Sample Analysis				stic can.	7/02/2024						
	mental Conditions at site	•	02/0	)			6°C Air Temr	) er	-ature: 29°C			
Liivii Oii	mental conditions at site			•		Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.						
Transpo	ortation Condition			:	<b>A:</b> <2.0 with $H_2SO_4$ , <b>B:</b> <2.0 with $H_2SO_4$ , <b>F:</b> < 6°C							
						emperature: <						
Project/	Job number			:		6419 dtd 09 I						
Referen	ce of Sampling				AESPL/	LAB/QR/7.3.3/	R-02					
	of Sampling & Preservation			:		LAB/SOP/7.3.1						
	mental Condition while Te		ng	:	Ambient Temperature: 28.5°C and Humidity: 52%							
Sr.No.	Parameter					Result			of analysis			
1.	рН @ 25°C					6.20	APHA-202	3(	4500H+-B)			
2.	Turbidity, NTU					<2.0	APHA-2023(2130-B)					
3.	Suspended Solids @ 103	°C,	mg/l			6.0	APHA-202	3(	2540-D)			
4.	Chemical Oxygen Deman	ıd, I	mg/l			40	APHA-202	3(	5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	440	APHA-202	3(	(2540-C)			
6.	Chloride as Cl-, mg/l					72	APHA-202	3(	4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					17.96	APHA-202	3(	4500SO <sub>4</sub> <sup>2</sup> E)			
8.	Residual Chlorine, mg/l			< 0.56	APHA-2023(4500ClB)							
9.	Hardness CaCO <sub>3</sub> , mg/l			10	APHA-2023(2340-C)							
10.	Iron as Fe, mg/l			0.030		<u> </u>	(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l			< 0.2	APHA-202	3(	4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (P	ar	t 39) RA2019			

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/02/15 **Issue Date:** 09/02/2024

Kei. No.:	AESPL/LAB/C/W-24/02,	/15	)			19	ssue Date: 0'	9/L	02/2024			
	f Customer& Contact	:	God	rej	Industri	es Ltd						
Details			Piro	jsh	anagar, l	Eastern Expi	ress Highway	7				
			Vikr	oli	East, Mu	mbai – 4000	079					
					•	770982586,						
			<u>abhi</u>	jit.l	kanase@	godrejinds.co	<u>om</u>					
Name of		:		odrej Industries Ltd.Ambernath Plant. Dist-Than								
	of Sample	:		Effluent <b>Location of Sample</b> : RO								
	Sample Drawn			2024		nple Drawn	:	11.05 am				
	Drawn By	:	AESI		2004	Transporte		:	AESPL			
	Sample Receipt	:			2024	Sample Ide		:				
Sample	Quantity & Container	:				n, <b>B</b> -500ml;	Amber colore	a g	lass bottle, <b>F</b> -			
Data of	Samula Analysis	:			stic can.	7/02/2024						
	Sample Analysis mental Conditions at site	i	02/0	.   20			27°C Air Tam	nai	rature: 29°C			
Liivii oii	mental conditions at site			•	Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.							
Transpo	ortation Condition			:	<b>A:</b> <2.0 with $H_2SO_4$ , <b>B</b> : <2.0 with $H_2SO_4$ , <b>F</b> :< 6°C							
							< 6°C, Cold sto					
Project/	/ Job number			:		6419 dtd 09						
	ce of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02					
	of Sampling & Preservation					LAB/SOP/7.3						
	mental Condition while Te		ng	:	Ambient Temperature: 28.5°C and Humidity: 52%							
Sr.No.	Parameter					Result			of analysis			
1.	рН @ 25°C					7.43			(4500H+-B)			
2.	Turbidity, NTU					< 2.0	APHA-20	23(	[2130-B)			
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-202	23(	(2540-D)			
4.	Chemical Oxygen Deman	ıd, i	mg/l			90	APHA-202	23(	(5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	'l	340	APHA-202	23(	(2540-C)			
6.	Chloride as Cl <sup>-</sup> , mg/l					45	APHA-20	23(	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l				6.0	APHA-202	23(	(4500SO <sub>4</sub> <sup>2</sup> E)				
8.	Residual Chlorine, mg/l			<0.56	APHA-2023(4500ClB)							
9.	Hardness CaCO3, mg/l			<2.0								
10.	. 61					0.030	APHA-2023(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-202	APHA-2023(4500SiO <sub>2</sub> -C)				
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019					

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

Ret. No.:	<u> </u>	12/2024									
	f Customer& Contact	:	God	rej	Industri	es Ltd					
Details			Piro	jsh	anagar, l	Eastern Expr	ess Highway	,			
					,	ımbai – 4000					
					•	. 770982586,E					
						godrejinds.com					
Name of		:		_		Industries Ltd.Ambernath Plant. Dist-Thane					
	of Sample	:		Effluent Location of Sample :					RO 3 Reject		
	Sample Drawn			2024	Time of Sam		:	11.15 am			
	Drawn By	:	AESI		2004	Transported		:	AESPL		
	Sample Receipt	:			2024	Sample Iden		:			
Sample	Quantity & Container	:			Piastic ca Istic can.	n, <b>B</b> -500mi; A	imber colore	a g	lass bottle, <b>F</b> -		
Date of S	Sample Analysis	:				7/02/2024					
	mental Conditions at site		,	:	Water T	emperature: 2	7°C, Air Tem	pei	ature: 29°C,		
					Surrounding was clean.						
Transpo	ortation Condition			:		with $H_2SO_4$ , <b>B</b> :					
						emperature: <		ra	ge.		
	/ Job number			:		6419 dtd 09					
	ce of Sampling			:		LAB/QR/7.3.3					
	of Sampling & Preservation mental Condition while Te		na	:		AESPL/LAB/SOP/7.3.1/W-01 Ambient Temperature: 28.5°C and Humidity: 52%					
Sr.No.	Parameter		ng .	•	Result Method of analysis						
1.	pH @ 25°C					7.43			(4500H+-B)		
2.	Turbidity, NTU					<2.0	APHA-202	`	·		
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-202				
4.	Chemical Oxygen Deman	d, 1	mg/l			1500	APHA-202	23(	5220-B)		
5.	Total Dissolved Solids@	18	0°С, r	ng/	1	28000	APHA-202	23(	(2540-C)		
6.	Chloride as Cl-, mg/l					4250	APHA-202	23(	(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l				3517 APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)						
8.	Residual Chlorine, mg/l			0.56	APHA-2023(4500ClB)						
9.	Hardness CaCO <sub>3</sub> , mg/l			856	APHA-2023(2340-C)						
10.	Iron as Fe, mg/l			0.030	APHA-2023(3500Fe-B)						
11.	Silica as SiO <sub>2</sub> , mg/l		< 0.2			(4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (I	Par	t 39) RA2019		

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

<b>Ref</b> : AESPL/LAB/C/WP-24/02/01												
Name of Customer &	:	God	rej	Inc	dustries L	td						
Contact Details		Piro	ish	ana	agar, East	ern Express l	Highway					
					_	ai – 400079	0 )					
					•		il· abhiiit k	an	ase@godrejinds.com			
Name of Site		: Godrej Industries Ltd.										
Name of Site			•									
						ist-Thane						
Description of Sample	:	Wor										
Location of Sampling	:		•		near scrub	ber						
Date of Sampling	:	02/0							T			
Sampling Time	:			10	):30 hr.	Duration		:	30 min.			
Sample Drawn By	:	AESI				Transported By		:	AESPL			
Date of Sample Receipt	:			2/2024 <b>Sample</b>				:	A-24/02/01			
Sample Quantity &	:				per; SPM-1	•						
Date of Sample Analysis			$\frac{1}{2}$	202	24 to 06/02							
Sampling Environmenta		ions	ns : Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition	n			:	Filter pap	ers in plastic	container					
Sampling Equipment				:	RDS-I-09							
Calibration Status				:		d on 31/12/20		30	/12/2024			
Project/ Job number				:	PO#2527	006419 DT. 09	9.05.2023					
Reference of Sampling				:	AESPL/L	AB/QR/7.3.3/	R-02					
Method of Sampling & P	reservat	ion		:	AESPL/LA	AB/SOP/7.3.1,	/WP-01					
<b>Environmental Conditio</b>		:	Ambient'	Геmperature:	27.6°C and	Н	umidity: 69%					
Parameter Result					Limits as	s per	Method	of	sampling & analysis			
SPM, mg/m <sup>3</sup>	0.398		15n				IS 5182 (Part 23) RA2017					
RSPM, mg/m <sup>3</sup>	5mg/m³ [OSHA (PEL)] IS			IS 5182 (1	IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Issua Data: 10/02/2024

Ref: AESPL/LAB/C/WP-24/02/02

<b>Ref:</b> AESPL/LAB/C/W	P-24/02/0	<b>Z</b>	Issue Date: 10/02/2024								
Name of Customer &	: G	odrej Iı	ıdı	ıstries L	td						
Contact Details	P	irojsha	nag	gar, East	ern Express	s Highway					
		•	•	_	ai – 400079						
				•			an	ase@godrejinds.com			
Name of Site	- + +					uonijiin	<u> </u>	use e gourejmusicom			
Name of Site		Godrej Industries Ltd.									
December of Commis		Ambernath Plant. Dist-Thane									
Description of Sample		<u>orkplac</u>									
Location of Sampling		OS plan									
Date of Sampling		2/02/20									
Sampling Time	: 2:	30 to 3:	00	hr.	Duration		:	30 min.			
Sample Drawn By	: A	ESPL			Transport	ed By	:	AESPL			
Date of Sample Receipt	: 0	2/02/20	)24	ŀ	Sample			A-24/02/02			
Sample Quantity &	:   S(	$0_2$ -30ml	X	1No.							
Date of Sample Analysis	: 0:	3/02/20	)24	to 06/02	2/2024						
Sampling Environmental	l Condition	S									
Transportation Conditio	n		: Filter papers in plastic container								
Sampling Equipment			:	RDS-I-0	19						
Calibration Status			:	Calibra	ted on 30/12	2/2023 due d	n	30/12/2024			
Project/ Job number			:	PO#252	27006419 D	T. 09.05.202	3				
Reference of Sampling			:	AESPL/	'LAB/QR/7.3	3.3/R-02					
Method of Sampling & Pr	eservation	ì	:	AESPL/	LAB/SOP/7	.3.1/WP-01					
<b>Environmental Condition</b>	n while Tes	sting	:	Ambier	ıt Temperatı	ıre: 27.6° <mark>C</mark> aı	nd	Humidity: 69%			
Parameter	Result			Limits a	s per	Method of sampling & a		sampling & analysis			
SO <sub>2</sub> , mg/m <sup>3</sup>	0.038	13 m	g/r	n³ [OSHA	OSHA (PEL)] IS 5182 (Part 2) RA2017			rt 2) RA2017			
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	NA [C	OSF	IA (PEL)]		IS 5182 (	Pai	rt 2) RA2017			

### PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.





Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

<b>Ref:</b> AESPL/LAB/C/WP-24/02/03											
Name of Customer &	:	Godrej l	Indu	istries L	td						
Contact Details		Pirojsha	anag	gar, East	ern Express I	Highway					
		•	•	-	ai – 400079	0 0					
				,		l: abhiiit.kai	na	ase@godrejinds.com			
Name of Site			•	istries L				8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			
Traine of Sice	•	,			ist-Thane						
Description of Comple		Workpla		Piaiit. D	ist-i ilalie						
Description of Sample Location of Sampling	- 1:			round fle	nor.						
Date of Sampling		02/02/2		d -Ground floor							
Sampling Time		1:45  to  2			Duration	Ι:		30 min.			
Sampling Time Sample Drawn By		AESPL	2.13	111.	Transported		-	AESPL			
Date of Sample Receipt	- :	02/02/2	2024		Sample		_	A-24/02/03			
Sample Quantity &					I-1NRD Cap.	-	•	H-24/02/03			
Date of Sample Analysis				to 06/02							
Sampling Environmenta			: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.								
Transportation Condition			1:		apers in plasti			) I ball / O I IIIIII gi			
Sampling Equipment			T i	_	olume Sampler						
Calibration Status			T:		ted on 30/12/		1	30/12/2024			
Project/ Job number			1:		27006419 DT.			, , -			
Reference of Sampling			1:		LAB/QR/7.3.3						
Method of Sampling & P	reservat	ion	:		LAB/SOP/7.3						
<b>Environmental Conditio</b>			:				d	Humidity: 69%			
Parameter Result					as per	Method of sampling & analysis					
SPM, mg/m <sup>3</sup>	0.3	92	15ı	mg/m³ [C	SHA (PEL)]	IS 5182 (Part 23) RA2017					
nMHC, ppm	0.2	28	NA [OSHA (PEL)]			APHA134-Air 3 <sup>rd</sup> Edition					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
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Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

(Workplace)

**Test Report** 

<b>Ref:</b> AESPL/LAB/C/V	VP-24/0	2/04		<b>Issue Date:</b> 10/02/2024							
Name of Customer &	:	Go	drej	In	dustries L	td					
Contact Details		Pir	ojsh	an	agar, East	ern Express I	Highway				
		Vil	roli	Ea	st. Mumba	ai – 400079	•				
		Mr	. Abł	nijit	: Kanse 770	982586, Emai	il: abhijit.k	an	ase@godrejinds.com		
Name of Site	: Godrej Industries Ltd.										
Description of Sample	Ambernath Plant. Dist-Thane  le : Workplace										
Location of Sampling					Plant – 2 <sup>nd</sup>	floor					
Date of Sampling	:		/02/			11001					
Sampling Time	:				30 hr.	Duration		:	30 min.		
Sample Drawn By	:	AE	SPL			Transported	d By	:	AESPL		
<b>Date of Sample Receipt</b>	:	02,	/02/	202	24	Sample			A-24/02/04		
Sample Quantity &		RS	PM-1	M-1paper; SPM-1NRD Cap.							
Date of Sample Analysis				202	24 to 13/02						
Sampling Environmenta		ions	ns: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.								
Transportation Condition	on			:		ers in plastic o					
Sampling Equipment				:		<u>ıme Sampler R</u>					
Calibration Status				:		d on 31/12/20		30	0/12/2024		
Project/ Job number				:		006419 DT. 09					
Reference of Sampling				:		AB/QR/7.3.3/1					
Method of Sampling & P		:		AB/SOP/7.3.1,			. 1				
Environmental Condition while						<u> Temperature:</u>					
Parameter Result				1			Method of sampling & analysis				
SPM, mg/m <sup>3</sup>	0.380 15r				15mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017			
RSPM, mg/m <sup>3</sup>	5mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

The state of the s												
Ref: AESPL/LAB/C/W						Issue Da	te	: 10/02/2024				
Name of Customer &	:   G	odrej Ir	ıdı	ıstries L	td							
Contact Details	P	irojshai	nag	gar, East	ern Express l	Highway						
					ai – 400079							
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com										
Name of Site		Godrej Industries Ltd.										
		Ambernath Plant. Dist-Thane										
Description of Sample												
Location of Sampling		oiler ho										
Date of Sampling		2/02/20			ъ			00 1				
Sampling Time		2:00 to 1	12:.	30 hr.	Duration		:	30 min.				
Sample Drawn By		ESPL			Transported	d By	:	AESPL				
Date of Sample Receipt		2/02/20										
Sample Quantity &					1-1NRD Cap.							
Date of Sample Analysis			3/02/2024 to 06/02/2024									
Sampling Environmenta												
Transportation Conditio	n		:		apers in plasti							
Sampling Equipment			:	High Vo	lume Samplei	r RDS-I-09						
Calibration Status			:	Calibra	ted on 30/12/	'2023 due oi	n :	30/12/2024				
Project/ Job number			:	PO#252	27006419 DT.	09.05.2023						
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02						
Method of Sampling & Pr	<u>eservation</u>	1	:	AESPL/	LAB/SOP/7.3	.1/WP-01						
Environmental Condition	n while Te	sting	:	Ambien	it Temperatur	e:27.6°C and	l b	Humidity: 69%				
Parameter	Result					Method o	hod of sampling & analysis					
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 m	mg/m³ [OSHA (PEL)] IS			IS 5182 (Part 2) RA 2017						
SPM, mg/m <sup>3</sup>	0.336	15 m	ng/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA 2017						

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Issua Data: 10/02/2024

Ref: AESPL/LAB/C/WP-24/02/06

<b>Ref:</b> AESPL/LAB/C	/ WF-24/U2	2/00	Issue Date: 10/02/2024									
Name of Customer &	:	Godrej	Ind	ustries L	td							
Contact Details		Pirojsh	ana	gar, East	ern Express l	Highway						
				_	ai – 400079	5						
				•		il· abhiiit k	an	ase@godreiinds.com				
Name of Site			r. Abhijit Kanse 770982586, Email: <u>abhijit.kanase@godrejinds.com</u> odrej Industries Ltd.									
Name of Site	•	,										
5				i Piant. L	ist-Thane							
Description of Sample		Workpla										
Location of Sampling	:			t 1st Floor	•							
Date of Sampling	:	02/02/2	02/02/2024									
Sampling Time	:	11:00 to	11:	:30 hr.	Duration		:	30 min.				
Sample Drawn By	:	AESPL			Transported	d By	:	AESPL				
Date of Sample Receip	ot :	02/02/2			Sample		:	A-24/02/06				
Sample Quantity &	:	RSPM-1	pap	aper; SPM-1NRD Cap.								
Date of Sample Analy	sis :	03/02/2	202	4 to 06/0	2/2024							
Sampling Environmen	ntal Condit	ions	: Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Cond	ition			: Filter	papers in plas	tic containe	er					
Sampling Equipment				: High	Volume Sampl	er RDS-I-09	)					
Calibration Status				: Calib	rated on 30/12	2/2023 due	0	n 30/12/2024				
Project/ Job number				: PO#2	527006419 D'	Т. 09.05.202	23					
Reference of Samplin	g			: AESP	L/LAB/QR/7.3	3.3/R-02						
Method of Sampling &	k Preservat	ion		: AESP	L/LAB/SOP/7	.3.1/WP-01						
<b>Environmental Condi</b>	tion while		: Ambi	ent Temperati	ıre: 27.6°C a	an	d Humidity: 69%					
Parameter Result					s as per			sampling & analysis				
SPM, mg/m <sup>3</sup> 0.318 1				15mg/m³ [OSHA (PEL)] IS 5182 (Part 23) RA201								
RSPM, mg/m <sup>3</sup>	0.12	5mg/m <sup>3</sup> [OSHA (PEL)] IS 5182 (			(Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Iccua Dato: 10/02/2024

Ref: AESPL/LAB/C/WP-24/02/07

<b>Ref:</b> AESPL/LAB	/C/WP-24/	02	/07	Issue Date: 10/02/2024									
Name of Customer &	2		Godrej	Indu	stries L	td							
<b>Contact Details</b>			Piroish	anag	ar, East	ern Express H	ighway						
				_		ai – 400079	0 )						
					*		abhiiit k	a <b>n</b> :	ase@godrejinds.com				
Name of Site							uomjiini		ase e goarojmas.com				
Name of Site		•	Godrej Industries Ltd.										
Decement on of Comm	.l.			Ambernath Plant. Dist-Thane									
Description of Samp		:	Workplace SPD Bag Filing Area										
Location of Samplin	g	:											
Date of Sampling		:	02/02/2			ъ .:	1		20 :				
Sampling Time		:	11:00 to	11:3	o nr.	Duration	_	:	30 min.				
Sample Drawn By		:	AESPL	2001		Transported	Ву	:	AESPL				
Date of Sample Reco	_	:	02/02/2		1024   <b>Sample</b>   :   A-24/02/09   Daper; SPM-1NRD Cap.								
Sample Quantity &		:				•							
Date of Sample Anal		:	03/02/2										
Sampling Environm		liti	ons	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Con				:	: Filter papers in plastic container								
Sampling Equipmer	<u>it</u>			:		<u> /olume Sample</u>							
Calibration Status				:		ated on 31/12 <sub>/</sub>			n 30/02/2024				
Project/ Job numbe				:		527006419 DT.		23					
Reference of Sample				:		L/LAB/QR/7.3.							
Method of Sampling				:		L/LAB/SOP/7.3							
<b>Environmental Con</b>	dition whil	le '	Γesting		Ambie	ent Temperatur			d Humidity: 69%				
Parameter	Res	sul	t		Limit	s as per	Met	tho	od of sampling &				
								analysis					
SPM, mg/m <sup>3</sup>	0.3	342	2	15n	ng/m³ [C	SHA (PEL)]	IS 5182 (Part 23) RA2017						
RSPM, mg/m <sup>3</sup>	0.1	132	2	5mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017						

### PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

### Note:

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Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



# <u>Test Report</u> (Ambient Air)

**Ref. No.**: AESPL/LAB/C/ A-24/03/01 **Issue Date**: 09/03/2024

W fig. : 0.6		_								20103/00/2021	
Name of Customer & Contact		:	,								
Details			Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119.								
			Mr. Abhijit Kanase ⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>								
Name of Site			Godrej Industries Ltd. Ambernath Plant Dist-Thane								
Discipline & Group			Chemical: Atmospheric Pollution								
Description of Sample			Ambient Air								
Location of Sampling :			Main gate								
Date of Sampling :			01/03/2024 to 02/03/2024								
Sampling Time :		09:30 to 09:30 l			Du	Duration			24 Hr.		
Sample Drawn By		:	AESPL			Tr	nsported By		:	AESPL	
Date of S	Date of Sample Receipt		02/03/2024			Sa	nple Identification			A-24/03/01	
Sample Quantity & Container		:	SO <sub>2</sub> :1 Bottle; NO <sub>2</sub> :1 Bottle; PM <sub>10</sub> -1; PM <sub>2.5</sub> -1; O <sub>3</sub> : 1 Bottle & NH <sub>3</sub> :						ttle & NH3:1		
			Bottle; Bladder:1; Charcoal Tube:1								
Date of S	Sample Analysis	02/03/2024to 08/03/2024									
Sampling Environmental Condition			ns	<del>-                                    </del>					<sub>ır</sub> : 755 mmHg.		
Transportation Condition					Bottle	es <	ilter papers in Bl		adders, charcoal tube		
				5°C		lı	olastic contair	ner   at a	er at ambient temp.		
Sampling Equipment				:	RDS-I-04 & FDS-I-04						
<b>Calibration Status</b>				:	Calibration on 29/12/2023 due on 29/12/2024						
Cambration Status				Calibration on 30/12/2023 due on 30/12/2024							
Project/ Job number				:	2527006419 dtd 09 May 2023						
Reference of Sampling					: AESPL/LAB/QR/7.3.3/R-02						
Method of Sampling & Preservation					AESPL/LAB/SOP/7.3.1/A-01						
<b>Environmental Condition while Testing</b>				:	Temperature: 28°C, RH: 42%						
Sr. No.	Parameter		Result		I	Limits #	Unit	Metho	d o	f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>			34.49		80 *	μg/m³	IS 5182	(P	art 2) RA2017	
2.	Nitrogen dioxide as NO <sub>2</sub>		47.50			80 *	μg/m³			art 6) RA2022	
3.	PM <sub>10</sub>		113.94			100 *	μg/m³	IS 5182	(P	art 23) RA2022	
4.	PM <sub>2.5</sub>		40.42			60 *	μg/m³		_	art 24) 2019	
5.	Carbon monoxide as CO		0.97			04 **	mg/m³			art 11) RA2019	
6.	Ozone as O <sub>3</sub>		18.2			180 **	μg/m³	IS 5182	(p	art 9) RA2019	
7.				39.46		400 *	μg/m³			art 25) RA 2018	
8.	Benzo(a)pyrene as BaP			< 0.5		01 ***	ng/m³	IS 5182 (part 12) 2004			
9.	Lead as Pb			< 0.5		1.0 *	μg/m³	APHA Air method 822-3 <sup>rd</sup> Ed			
11.	Nickel as Ni			< 5.0		20 ***	ng/m³	APHA Air method 822-3 <sup>rd</sup> Ed			
11.				< 5.0		06 ***	ng/m³			method 302-3 <sup>rd</sup> Ed	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0.2			05 ***	μg/m³	IS 5182	(p	art 11) RA2022	

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters Except  $PM_{10}$  are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.



Reshma S.Patil (Authorized Signatory)



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Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



# <u>Test Report</u> (Ambient Air)

	HOW THEST E, ETTE, G, TT E										
	Customer & Contact	:									
Details			Pirojsha	ana	gar, E	astern	Expr	ess Highway	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	se ②77	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	ogodrejinds.com
Name of	Site	:	Godrej l	[nd	ustrie	s Ltd. A	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica	al: <i>I</i>	Atmos	spheric	Poll	ution			
Descript	tion of Sample	:	Ambien	t Ai	ir						
Location	of Sampling	:	Near ET	'P							
Date of S	Sampling	:	01/03/2	202	24 to (	02/03/	2024	4			
Samplin	g Time	:	09:45 to	09	9:45 h	ır.	Dur	ation		:	24 Hr.
Sample l	Drawn By	:	AESPL				Tra	nsported By	y	••	AESPL
Date of S	Sample Receipt	:	02/03/	202	24		Sam	ple Identifi	cation	:	A-24/03/02
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 Bo	ottl	e; NO	2:1 Bot	tle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	s-1; O <sub>3</sub> : 1	Во	ttle & NH3:1
			Bottle; I	Blac	dder:1	1; Char	coal	Tube:1			
Date of S	Sample Analysis	:	02/03/2	202	24to 0	8/03/2	2024	ŀ			
Samplin	g Environmental Condi	tio	ns	:	Tem	peratu	re:2	4-32°C; Rain	fall: No;	Pba	ar: 755 mmHg.
Transpo	rtation Condition			:	Bottles <		Fi	ilter papers in Bla		dd	ers, charcoal tube
					5°C				pient temp.		
Samplin	g Equipment			:	RDS	-I-05 &	FDS	5-I-05			
C - 121 4	- Chabas			:	Calil	bration	on 2	29/12/2023	due on 2	9/	12/2024
Cambrat	ion Status				Calil	bration	on 3	30/12/2023	due on 3	0/	12/2024
Project/	Job number			: 2527006419 dtd 09 May 2023							
Referen	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02							
Method	of Sampling & Preserva	tio	n	: AESPL/LAB/SOP/7.3.1/A-01							
Environ	mental Condition while	Te	esting	:	Tem	peratu	re:	28°C, RH: 42	2%		
Sr. No.	Parameter		Res			Limits		Unit	Metho	d o	f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		29.			* 08		μg/m³	IS 5182	(P	Part 2) RA2017
2.	Nitrogen dioxide as NO	2	41.			* 08		μg/m³			Part 6) RA2022
3.	PM <sub>10</sub>		93.	79		100		μg/m³	IS 5182	(P	Part 23) RA2022
4.	PM <sub>2.5</sub>		45.4			60 *		μg/m³	IS 5182	(P	Part 24) 2019
5.	Carbon monoxide as CO	)	0.6			04 *		mg/m³	IS 5182	(p	art 11) RA2019
6.	Ozone as O <sub>3</sub>		16.3			180 3		μg/m³	IS 5182	(p	oart 9) RA2019
7.	Ammonia as NH <sub>3</sub>		35.			400		μg/m³	IS 5182	(p	oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³			art 12) 2004
9.	Lead as Pb		< 0			1.0 '		μg/m³			method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni		< 5			20 **		ng/m³			method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As		< 5			06 **		ng/m³			method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	<b>*</b> *	μg/m³	IS 5182	(p	art 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. **Note:** 

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Reshma S.Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: <a href="mailto:pglab@aespl.co.in">pglab@aespl.co.in</a>
Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



# <u>Test Report</u> (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/03/03 **Issue Date:** 09/03/2024

	HOI HEEL E E ELLE										
Name of	Customer & Contact	:									
Details			Pirojsha	ana	gar, I	Eastern	Expi	ess Highway	y Vikroli	(E)	), Mumbai 400119.
			Mr. Abh	ijit	Kana	ase	7118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	se@	godrejinds.com
Name of	Site	:	Godrej l	[nd	ustri	es Ltd. A	Ambe	ernath Plant	Dist-Tha	ne	
Disciplin	ne & Group	:	Chemica	al: <i>I</i>	Atmo	spheric	Poll	ution			
Descript	tion of Sample	:	Ambien								
Location	of Sampling	:	AOS Pla	nt							
Date of S	Sampling	:	01/03/	202	24 to	02/03/	2024	4			
Samplin		:	10:00 to	10	):00 l	nr.	Dur	ation		:	24 Hr.
Sample l	Drawn By	:	AESPL				Tra	nsported By	y	:	AESPL
	Sample Receipt	:	02/03/2	202	24						A-24/03/03
	Quantity & Container	:									ttle & NH <sub>3</sub> :1
•			Bottle; I					•	, -		
Date of S	Sample Analysis	:	02/03/2	202	24to (	08/03/2	2024	ŀ			
	g Environmental Condi			:					fall: No:	Pha	ar: 755 mmHg.
Transportation Condition				:	Bottles <						ers, charcoal tube
•					5°C	5°C plastic			container at ambient temp.		
Samplin	g Equipment			:		S-I-06 &					•
_				:				29/12/2023	due on 2	9/	12/2024
Calibrat	ion Status							30/12/2023			
Project/	Job number			: 2527006419 dtd 09 May 2023							
Referen	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02							
Method	of Sampling & Preserva	tio	n	:	, , , , ,						
Environ	mental Condition while	Te	esting	:	Ten	nperatu	re:	28°C, RH: 42	2%		
Sr. No.	Parameter		Res	ult		Limits		Unit	Metho	d o	f Analysis
1.	Sulphur dioxide as SO <sub>2</sub>		25.3			80 *		μg/m³	IS 5182	(P	Part 2) RA2017
2.	Nitrogen dioxide as NO	2	43.3	32		80 *		μg/m³	IS 5182	(P	Part 6) RA2022
3.	PM <sub>10</sub>		96.8			100		μg/m³	IS 5182	(P	Part 23) RA2022
4.	PM <sub>2.5</sub>		31.0			60 *		μg/m³	IS 5182	(P	Part 24) 2019
5.	Carbon monoxide as Co	)	0.7			04 *		mg/m³	IS 5182	(p	art 11) RA2019
6.	Ozone as O <sub>3</sub>		20.0	61		180 *		μg/m³	IS 5182	(p	art 9) RA2019
7.	Ammonia as NH <sub>3</sub>		37.3	35		400		μg/m³	IS 5182	(p	oart 25) RA 2018
8.	Benzo(a)pyrene as BaF	)	< 0			01 **		ng/m³	IS 5182	(p	oart 12) 2004
9.	Lead as Pb		< 0			1.0 '		μg/m³	APHA A	۱ir	method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni		< 5	.0		20 **		ng/m³	APHA A	lir	method 822-3rdEd
11.	Arsenic as As		< 5	.0		06 **		ng/m³	APHA A	۱ir	method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	**	μg/m³	IS 5182	(p	oart 11) RA2022

<sup>[#]</sup> Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

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Reshma S. Patil (Authorized Signatory)



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Tel:9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



# <u>Test Report</u> (Ambient Air)

**Ref. No.:** AESPL/LAB/C/ A-24/03/04 **Issue Date:** 09/03/2024

	Customer & Contact	_	Godrej l	nd	uctri	oc I +d			100010			
	customer & contact	•					E	II: -l	17:11:	(E)	M	
Details					_		-				, Mumbai 400119.	
			Mr. Abh	ijit	Kana	ase Ø77	118	2586 ⊠ <u>abh</u>	<u>ijit.kanas</u>	<u>se@</u>	godrejinds.com	
Name of	Site	:	Godrej l	Godrej Industries Ltd. Ambernath Plant Dist-Thane								
Disciplin	ie & Group	:	Chemica	al: <i>I</i>	Atmo	spheric	Poll	ution				
Descript	ion of Sample	:	Ambien	t Ai	ir							
Location	of Sampling	:	Materia	l Ga	ate							
Date of S	Sampling	:	01/03/	202	24 to	02/03/	2024	4				
Sampling	g Time	:	10:10 to	10	00:00	hr.	Dur	ation		••	24 Hr.	
Sample I	Drawn By	:	AESPL				Tra	nsported By	1	••	AESPL	
Date of S	Sample Receipt	:	02/03/	202	24		Sam	ple Identifi	cation		A-24/03/04	
Sample (	Quantity & Container	:	SO <sub>2</sub> :1 B	ottl	e; NO	) <sub>2</sub> :1 Bot	tle; F	PM <sub>10</sub> -1; PM <sub>2.5</sub>	;-1; O <sub>3</sub> : 1	Во	ttle & NH3:1	
_			Bottle; l	Blac	dder:	1; Char	coal	Tube:1				
Date of S	Sample Analysis	:	02/03/	202	4to	08/03/2	2024	Ļ				
	g Environmental Condi	tio	ns	:	Ten	nperatu	re:2	4-32°C; Rain	fall: No;	P <sub>ba</sub>	<sub>r</sub> : 755 mmHg.	
	rtation Condition			:	Bottles <						ers, charcoal tube	
_					5°C			astic contair			pient temp.	
Sampling	g Equipment			:		S-I-11 &					,	
				:				25/05/2023	due on 2	5/	05/2024	
Calibrati	ion Status							25/05/2023				
Project/	Job number			: 2527006419 dtd 09 May 2023								
	ce of Sampling			: AESPL/LAB/QR/7.3.3/R-02								
	of Sampling & Preserva	tio	n	: AESPL/LAB/SOP/7.3.1/A-01								
Environi	mental Condition while	Te	esting	:	Ten	nperatu	re:	28°C, RH: 42	2%			
Sr. No.	Parameter		Res	ult		Limits		Unit		d o	f Analysis	
1.	Sulphur dioxide as SO <sub>2</sub>		32	38		80 *	K	μg/m³	IS 5182	(P	art 2) RA2017	
2.	Nitrogen dioxide as NO	2	49.	79		80 *	*	μg/m³	IS 5182	(P	art 6) RA2022	
3.	$PM_{10}$		87.	68		100	*	μg/m³	IS 5182	(P	art 23) RA2022	
4.	PM <sub>2.5</sub>		49	58		60 *		μg/m³	IS 5182	(P	art 24) 2019	
5.	Carbon monoxide as CO	)	0.8	37		04 *	*	mg/m³	IS 5182	(p	art 11) RA2019	
6.	Ozone as O <sub>3</sub>		15	32		180 *	**	μg/m³	IS 5182	(p	art 9) RA2019	
7.	Ammonia as NH <sub>3</sub>		40.	17		400	*	μg/m³	IS 5182	(p	art 25) RA 2018	
8.	Benzo(a)pyrene as BaF	)	< 0	.5		01 **		ng/m³	IS 5182	(p	art 12) 2004	
9.	Lead as Pb		< 0	.5		1.0 '		μg/m³			method 822-3rdEd	
11.	Nickel as Ni		< 5	.0		20 **	<b>*</b> *	ng/m³	APHA A	۱ir	method 822-3rdEd	
11.	Arsenic as As		< 5	.0		06 **		ng/m³	APHA A	lir	method 302-3rdEd	
12.	Benzene as C <sub>6</sub> H <sub>6</sub>		< 0	.2		05 **	**	μg/m³			art 11) RA2022	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[\*] 24 hourly monitoring values; [\*\*] 1 hourly monitoring values; [\*\*\*] Annual monitoring values. **Conformity Statement**: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

# Test Report (Noise)

Name of Customer &	į :	Godrej Industries Ltd								
Contact Details		Pirojshanagar, Easter	n Express Highway Vikroli	i Ea	ast, Mumbai 400079					
			0982586Email:abhijit.kar							
Name of Site	:	Godrej Industries Ltd	Ambernath Plant Dist-Tha	ane	,					
Discipline & Group	:	Chemical: Atmospher	ic Pollution							
Description of Sample	:	Ambient Noise								
<b>Location Details</b>	:	Inside factory	Inside factory							
Date of Sampling	:	01/03/2024								
Start & End Time of	:	10.40 Hr 11.30Hr.	Start & End Time of	:	21.35 Hr22.25Hr.					
Sampling (Daytime)			Sampling (Nighttime)							
Monitored By	:	AESPL	Transported By	:	AESPL					
Date of Data Receipt	:	02/03/2024	Sample Identification	:	N-24/03/02					
<b>Environmental Condition</b>	:		Ambient Ten	np:						
Transportation	:	Noise Data sheet is k	ept in folder and safely tr							
Condition		along with Noise mete			ı ,					
Sampling Equipment	:									
Calibration Status	:	Calibrated on 29/04/2023; calibration due on 28/04/2024								
Project/ Job Number	:	: P0#2527006419 DT. 09.05.2023								
Reference of Sampling	:									
Method of Sampling	:	IS 9989 RA:2020								
Method of Sampling Sr.	Loc	IS 9989 RA:2020 ation	Noise Day Time		Noise Nighttime					
	Loc		Noise Day Time dB(A)		Noise Nighttime dB(A)					
Sr.	Loc				_					
Sr. No.	Loc		dB(A)		dB(A)					
Sr. No.  1. Near ETP	Loc		<b>dB(A)</b> 69.4		<b>dB(A)</b> 65.8					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW		ation	dB(A) 69.4 70.2 67.5 65.7		dB(A) 65.8 68.6 63.2 63.0					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm		ation	dB(A) 69.4 70.2 67.5 65.7 72.0		dB(A) 65.8 68.6 63.2 63.0 68.9					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG 12. DM Plant		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2 67.8		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5 65.4					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG 12. DM Plant 13. RM Plant		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2 67.8 68.0		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5 65.4 65.5					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG 12. DM Plant 13. RM Plant 14. Near material gate		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2 67.8 68.0 67.7		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5 65.4 65.5 66.0					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG 12. DM Plant 13. RM Plant 14. Near material gate 15. Flaker's section		ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2 67.8 68.0 67.7 65.9		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5 65.4 65.5 66.0 64.8					
Sr. No.  1. Near ETP 2. FAD Plant 3. Tank farm 4. Near FSP/GDP/SW 5. Near boiler house 6. Engineering stores 7. AOS Plant 8. Main gate 9. Time office 10. Near canteen 11. Near DG 12. DM Plant 13. RM Plant 14. Near material gate	E Pla	ation	dB(A) 69.4 70.2 67.5 65.7 72.0 60.7 59.0 65.4 63.7 66.2 61.2 67.8 68.0 67.7		dB(A) 65.8 68.6 63.2 63.0 68.9 59.7 57.9 60.1 59.6 58.9 9.5 65.4 65.5 66.0					

**Conformity Statement**: Noise Levels at all the locations are found below the stipulated limits. **Note:** 

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Reshma S. Patil. (Authorized Signatory)

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# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/03/01	<b>Issue Date:</b> 10/03/2024					
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli (E),				
		Mumbai - 400119. Mr. Abhijit Kanase;				
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>				
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 24/03/01				
Sample Quantity	:	Thimble-1.				
Date & Time of sampling	:	01/03/2024, 10:00-10:34 hr.				
Sampling Environmental Conditions	:	Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.				
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at				
		plastic container   ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:	04/03/2024				
Date of sample analysis	:	04/03/2024 to 07/03/2024				
Sampling Equipment Used	:	ST-I-02				
Calibration status	:	25/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01				
Environmental Condition while Testing	:	Геmperature: 27°С; RH-40%				
A. General Information About Stack:						
Stack Connected to		: Spray drier				
Emission due to		: Process Activity				
Material of construction of stack		: MS				
Shape of stack	. C	: Circular				
Whether stack is provided with permanent pla	tto	rm : Yes				
B. Physical Characteristics of Stack:		: 28.75				
Height of stack from ground level (m)  Height of sampling point from ground level (m)	1	: 28.75				
Diameter of Stack at sampling point (m)	J	: 0.66				
Area of stack (m <sup>2</sup> )		: 0.342				
C. Analysis/ Characteristic of Stack:		1 010 Am				
Fuel used		:				
Fuel consumption		:				
Details of pollution control devices attached w stack:	ith	the : Cyclone + Bag filter				



Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/01 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	63		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	9.41		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	9904		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	42.48	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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# es

# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# <u>Test Report</u> (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/03/02				<b>Issue Date:</b> 10/	/03/2024		
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
				ar, Eastern Express Hig			
				00119.  Mr. Abhijit Kana			
		⊘771182586 ⊠ <u>abhijit.kanase@godrejinds.com</u>					
Name of Site	:	Godrej Ind					
				Plant Dist-Thane			
Discipline & Group	:			mospheric Pollution			
Description of sample	:	Stack Emi	ssi	on			
Sample Identification number	:	ST- 24/03	•				
Sample Quantity	:	SO <sub>2</sub> :1Bott	le;	NO <sub>2</sub> :1 Bottle; Thimble-	1.		
Date & Time of sampling	:	01/03/20	24	, 11:00 to 11:28 hr.			
Sampling Environmental Conditions	:	Temp.:319	°C;	Rain fall: No; Pbar: 752	mmHg.		
Transportation Condition	:	Bottles < !	5° <i>(</i>	Thimbles in	Bladders at		
			<i>3</i> (	plastic container	ambient temp.		
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	04/03/2024					
Date of sample analysis	:	04/03/2024 to 07/03/2024					
Sampling Equipment Used	:	ST-I-02					
Calibration status	:	25/05/2023 to 25/05/2024					
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LA	AB,	/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LA	AB,	/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperat	Геmperature: 27°С; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	Hot Air Generator			
Emission due to				Process Activity			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	atfor	rm	:	Yes			
B. Physical Characteristics of Stack:							
Height of stack from ground level (m)			:	28.75			
Height of sampling point from ground level (m	1)		:				
Diameter of Stack at sampling point (m)			:	0.30			
Area of stack (m <sup>2</sup> )			:	0.071			
C. Analysis/ Characteristic of Stack:							
Fuel used			:				
Fuel consumption		.1	:	C1			
Details of pollution control devices attached w	rith '	the stack:	:	Cyclone + Bag filter			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	170		°C	IS-11255, (part- 1,3) 2018-19						
2.	Gas velocity	6.90		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	1147	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
4.	Particulate Matter	39.40	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	30.11	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.83	64	Kg/day	IS-11255, (part-2) 2019						
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	59.48		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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# Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C	C/ ST- 24/03	<b>Issue Date:</b> 10/03/2024

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/03/03		Issue Date: 10/03/2024				
Name of Customer & Contact Details	:	Godrej Industries Ltd.				
		Pirojshanagar, Eastern Express Highway Vikroli				
		(E), Mumbai – 400119.				
		Mr. Abhijit Kanase; Ø771182586				
		⊠:abhijit.kanase@godrejinds.com				
Name of Site	:	,				
		Ambernath Plant Dist-Thane				
Discipline & Group	:	Chemical: Atmospheric Pollution				
Description of sample	:	Stack Emission				
Sample Identification number	:	ST- 24/03/03				
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Acidmist-1 Bottle.				
Date & Time of sampling	:	01/03/2024, 12:30-13:30 hr.				
Sampling Environmental Conditions	:	Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.				
Transportation Condition		Bottles < Thimbles in Bladders at				
		5°C plastic container ambient temp.				
Sample Monitored & Transported by	:	AESPL				
Date of sample receipt	:					
Date of sample analysis	:	04/03/2024 to 07/03/2024				
Sampling Equipment Used	:					
Calibration status	:	25/05/2023 to 25/05/2024				
Project/ Job number	:	P0#2527011419 DT. 11.05.2023				
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01				
Environmental Condition while Testing	:	Temperature: 27°C; RH-40%				
A. General Information About Stack:						
Stack Connected to		: AOS Scrubber-process stack				
Emission due to		: Process Activity				
Material of construction of stack		: MS				
Shape of stack		: Circular				
Whether stack is provided with permanent platf	orm	ı : Yes				
B. Physical Characteristics of Stack:						
Height of stack from ground level (m)		: 30				
Height of sampling point from ground level (m)		:				
Diameter of Stack at sampling point (m)		: 0.6				
Area of stack (m²)  C. Analysis/ Characteristic of Stack:		: 0.283				
Fuel used		:				
Fuel consumption		:				
Details of pollution control devices attached with	ı th					
Details of pollution control devices attached with		c statem   1   Oct abbet + Ebt				



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Issue Date: 10/03/2024

# Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST-24/03/03

ICI.	15sue Date: 10/03/2024										
D. R	D. Result of Sampling & Analysis of Gaseous Emission:										
SL.	Parameter	Result	MPCB.	Unit	Method of analysis						
No.			Limits								
1.	Gas Temperature	34		°C	IS-11255, (part- 1) 2019						
2.	Gas velocity	3.28		m/s	IS-11255, (part- 1,3) 2018-19						
3.	Gas flow rate	2735		Nm³/hr.	IS-11255, (part- 1,3) 2018-19						
5.	Sulphur Dioxide (as SO <sub>2</sub> )	< 5.0		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019						
6.	Oxides of Nitrogen (as NO <sub>2</sub> )	<9.0		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022						
7.	Acid mist	12.26	35	mg/Nm <sup>3</sup>	EPA-450/2-77-019:2019						

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note

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Tel: 9112844844, **CIN**: U74999MH2001PTC132111 UDYAM-MH-19-0029787

# Test Report (Stack Emission)

	AESI E/EAD/C/ 31- 24/03/						ue Date. 10/03/2024			
Name of	Customer & Contact Detai	ls	:	,			ojshanagar, Eastern Express			
				0 0			nbai – 400119. Mr. Abhijit			
							abhijit.kanase@godrejinds.com			
Name of			:	Godrej Industries Ltd. Ambernath Plant Dist-Thane						
Disciplin	ne & Group		:	Chemical: Atmospheric Pollution						
	tion of sample		: Stack Emission							
	Identification number		:	: ST- 24/03/03						
	Quantity		:	SO <sub>3</sub> :1Bottle; SO						
Date & 7	Time of sampling		:	01/03/2024, 1	12:30-	13:30	0 hr.			
	g Environmental Condition		:		ain fal	ll: No	; P <sub>bar</sub> : 753 mmHg.			
	ortation Condition		:	Bottles <5°C						
Sample	Monitored & Transported	by	:	AESPL						
Date of	sample receipt		:	04/03/2024						
Date of	sample analysis		:	04/03/2024 to	o 07/0	)3/20	024			
Samplin	g Equipment used & Calibr									
Project/	Job number		: P0#2527011419 DT. 11.05.2023							
Referen	ce of sampling	:	AESPL/LAB/QR/7.3.3/R-02							
Method of sampling & preservation				AESPL/LAB/S	OP/7.	3.1/S	T-01			
	mental Condition while Te		:	Temperature:	27°C	; RH-	40%			
A. Gene	ral Information About Stac	k:								
Stack Co	nnected to			: AOS Scrubber-process stack						
Emission	ı due to			: Process Activity						
Material	of construction of stack				:	MS				
Shape of	stack				:	Circ	cular			
Whether	stack is provided with perm	anent pla	tfo	form : Yes						
B. Physi	cal Characteristics of Stack	:								
	f stack from ground level (m					30				
Height o	f sampling point from ground	d level (m	)		:					
Diamete	r of Stack at sampling point (	m)			:	0.6				
Area of s	tack (m²)				:	0.28	33			
C. Analy	sis/ Characteristic of Stack	(:								
Fuel use	d & Consumption				:					
Details o	f pollution control devices at	tached w	ith	n the stack:		Scri	ubber + ESP			
D. Resul	t of Sampling & Analysis of	Gaseous	E	mission:						
SL. No.	Parameter	Result		MPCB. Limits	Ur		Method of analysis			
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND			mg/l	Nm <sup>3</sup>	IS-11255, (part-2) 2019			
2.	Sulphur Dioxide (as SO <sub>2</sub> )	3.05		50			IS-11255, (part-2) 2019			
ND: Not	detected Conformity Stateme	nt. The m	or	nitoring undertal						

**ND: Not detected. Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



 $TC_{-}7085$ 

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 24/03/04 **Issue Date:** 10/03/2024

<b>Ref. No.:</b> AESPL/LAB/C/ S1 - 24/03/04	<b>Issue Date:</b> 10/03/2024						
Name of Customer & Contact Details	:	Godrej In	dus	stries Ltd.			
				gar, Eastern Express Highway Vikroli (E),			
		Mumbai -	Mumbai – 400099.Mr. Abhijit Kanase.				
		<b>⊘770982</b>	258	36 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:	Godrej In	dus	stries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	<u>:</u>	Chemical	: At	tmospheric Pollution			
Description of sample	:	Stack Em	issi	ion			
Sample Identification number	:	ST- 24/02	1/0	)4			
Sample Quantity	:	SO <sub>2</sub> :1Bott	tle;	NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:	01/03/20	)24	4, 14:00-14:30 hr.			
Sampling Environmental Conditions	:	Temp.:32	°C;	; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <	5°(	Thimbles in Bladders at			
			5 (	plastic container ambient temp.			
Sample Monitored & Transported by	<u> :</u>	AESPL					
Date of sample receipt	:	04/03/20					
Date of sample analysis	:		)24	4 to 07/03/2024			
Sampling Equipment Used	:	ST-I-02					
<b>Calibration status</b>	:		5/05/2023 to 25/05/2024				
Project/ Job number	:	PO#2527	00	9419 DT. 09.05.2023			
Reference of sampling	:	AESPL/L	LAB/QR/7.3.3/R-02				
Method of sampling & preservation	:	AESPL/L	/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	Ŀ	Temperat	nperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	FADP-7 Briquette Fired Thermic			
				Fluid Heater			
Emission due to			:	Combustion of Solid Briquette			
Material of construction of stack			:	MS			
Shape of stack			:	Circular			
Whether stack is provided with permanent pla	ıtfo	rm	:	Yes			
B. Physical Characteristics of Stack:			20				
Height of stack from ground level (m)		:	30				
Height of sampling point from ground level (m)							
Diameter of Stack at sampling point (m)				0.35			
Area of stack (m²)				0.096			
C. Analysis/ Characteristic of Stack:				Duignatta			
Fuel used Fuel consumption (Kg/hr.)			:	Briquette			
1 (0, )	i+h	the steels	_	Wat Camphon			
Details of pollution control devices attached w	:	Wet Scrubber					



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TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/04 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:												
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	138		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	5.00		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	1202.26		Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	38.14	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	39.05		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
6.	Sulphur Dioxide (as SO <sub>2</sub> )	1.13	29	Kg/day	IS-11255, (part-2) 2019								
7.	Oxides of Nitrogen (as NO <sub>2</sub> )	71.27		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2022								

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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TC-7085

# Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1 - 24/03/05	Issue Date: 10/03/2024				
Name of Customer & Contact Details	:	Godrej Industries Ltd.			
		Pirojshanagar, Eastern Express Highway Vikroli			
		(E), Mumbai – 400119. Mr. Abhijit Kanase.			
		⊘771182586 ⊠abhijit.kanase@godrejinds.com			
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane			
Discipline & Group	:	Chemical: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	:	ST- 24/03/05			
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:	02/03/2024, 11:50-12:20 hr.			
Sampling Environmental Conditions	:	Temp.:31C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition		Bottles < 5°C Thimbles in Bladders at plastic container ambient temp.			
Sample Monitored & Transported by	:	AESPL			
Date of sample receipt	:	04/03/2024			
Date of sample analysis	:	04/03/2024 to 07/03/2024			
Sampling Equipment Used	:	ST-I-02			
Calibration status	:	25/05/2023 to 25/05/2024			
Project/ Job number	:	PO#2527011419 DT. 11.05.2023			
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02			
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01			
<b>Environmental Condition while Testing</b>	:	Temperature: 27°C; RH-40%			
A. General Information About Stack:					
Stack Connected to		: Thermic Fluid Heater/Thermo			
		Syphon heater TP15/TS10			
Emission due to		: Combustion of NG			
Material of construction of stack		: MS			
Shape of stack		: Circular			
Whether stack is provided with permanent pla	tfo	rm : Yes			
B. Physical Characteristics of Stack:					
Height of stack from ground level (m)	: 38				
Height of sampling point from ground level (m	:				
Diameter of Stack at sampling point (m)	: 0.60				
Area of stack (m²)	:   0.283				
C. Analysis/ Characteristic of Stack:		I. NC			
Fuel consumption (Sm <sup>3</sup> /hr)	: NG : 27				
Fuel consumption (Sm³/hr.)	ith				
Details of pollution control devices attached w	ıιn	the stack:  :   Stack			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/05 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:												
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	169		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	6.23		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	4159	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	10.43	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	5.33	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
6.	Sulphur Dioxide (as SO <sub>2</sub> )	0.53	270	Kg/day	IS-11255, (part-2) 2019								
7.	Nitrogen Oxide (as NO <sub>2</sub> )	82.12		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017								

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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# o e s

# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# <u>Test Report</u> (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 24/03/06 **Issue Date:** 10/03/2024

Source	<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/03/06	<b>Issue Date:</b> 10/03/2024					
Mumbai - 400119. Mr. Abhijit Kanase.	Name of Customer & Contact Details	:					
Name of Site       :       GO77118258 ⋈ abhijit kanase@godrejinds.com         Discipline & Group       :       Chemical: Atmospherice Itd. Ambernath Plant Dist-Thane         Description of sample       :       Chemical: Atmospheric Pollution         Sample Identification number       :       Stack Emission         Sample Quantity       :       SO2:1Bottle; NO2:1 Bottle; Thimble-1.         Date & Time of sampling       :       O2/203/2024, 11:00-11:32 hr.         Sampling Environmental Conditions       :       Temps:30°C; Rain fall: No; P <sub>basi</sub> : 754 mHg.         Sampling Environmental Condition       :       Bottles < 5°C		Ì					
Same of Site					· · · · · · · · · · · · · · · · · · ·		
Discipline & Group		1	1				
Stack Emission	Name of Site	:	_				
Sample Identification number		<u> </u>					
Sample Quantity	Description of sample	<u> </u> :	Stack En	1iss	sion		
Date & Time of sampling	Sample Identification number	:	<u> </u>				
Sampling Environmental Conditions		<u> </u> :					
Transportation Condition       : Bottles < 5°C   Plastic container		Ŀ			·		
Sample Monitored & Transported by  Date of sample receipt  Date of sample analysis  Sampling Equipment Used  Calibration status  Project/ Job number  Reference of sampling & preservation  Environmental Condition while Testing  A. General Information About Stack:  Stack Connected to  Material of construction of stack  Shape of stack  Whether stack is provided with permanent platform  Belight of stack from ground level (m)  Height of sampling point from ground level (m)  Diameter of Stack (m²)  Canalysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Environmental control devices attached with the  Stack  RESPL  AESPL  AESPL	1 0	<u> </u> :	Temp.:30	0°C			
Sample Monitored & Transported by   Container   Plastic Container   AESPL	Transportation Condition	:	Bottles	: 5°	9(.		
Date of sample receipt : 04/03/2024  Date of sample analysis : 04/03/2024 to 07/03/2024  Sampling Equipment Used : ST-I-02  Calibration status : 25/05/2024 to 25/05/2024  Project / Job number : P0#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : MS  Shape of stack : MS  Shape of stack  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) : 0.35  Area of Stack (m²) : 0.096  C. Analysis / Characteristic of Stack:  Fuel used : NG  Puel consumption : Stack  Fuel consumption : Stack  Fuel consumption : Stack  Fuel consumption : Stack  Fuel used : NG  Puel consumption : Stack	6 1 1 1 1 2 2			5	plastic container   ambient temp.		
Date of sample analysis : 04/03/2024 to 07/03/2024  Sampling Equipment Used : ST-I-02  Calibration status : 25/05/2024 to 25/05/2024  Project/ Job number : P0#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/QR/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of sack from ground level (m) : 38  Height of sampling point from ground level (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Po#2527011419 DT. 11.05.2023  **Combustion of Na (TS-04)**  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  **Informic Fluid Heater/The		:		-			
Sampling Equipment Used : ST-I-O2  Calibration status : 25/05/2024 to 25/05/2024  Project/ Job number : PO#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-O2  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-O1  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Polatils of pollution control devices attached with the : Stack		+					
Calibration status : 25/05/2024 to 25/05/2024  Project/ Job number : P0#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : MS  Shape of stack : Ves  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Details of pollution control devices attached with the : Stack		+-		02	24 to 07/03/2024		
Project/ Job number : PO#2527011419 DT. 11.05.2023  Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : NG  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Ptuel consumption : Stack		+					
Reference of sampling : AESPL/LAB/QR/7.3.3/R-02  Method of sampling & preservation : AESPL/LAB/SOP/7.3.1/ST-01  Environmental Condition while Testing : Temperature: 27°C; RH-40%  A. General Information About Stack:  Stack Connected to : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack		<u> </u> :					
Method of sampling & preservation: AESPL/LAB/SOP/7.3.1/ST-01Environmental Condition while Testing: Temperature: 27°C; RH-40%A. General Information About Stack:: Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06Stack Connected to: Combustion of NG (TS-04 & TS-06)Emission due to: MSMaterial of construction of stack: MSShape of stack: CircularWhether stack is provided with permanent platform: YesB. Physical Characteristics of Stack:Height of stack from ground level (m): 38Height of sampling point from ground level (m):Diameter of Stack at sampling point (m): 0.35Area of stack (m²): 0.096C. Analysis/ Characteristic of Stack:Fuel used: NGFuel consumption: 52 Sm³/hr.Details of pollution control devices attached with the: Stack		Ŀ		O#2527011419 DT. 11.05.2023			
Environmental Condition while Testing  A. General Information About Stack:  Stack Connected to  Stack Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Syphon Construction of Stack S	1 9	<u> </u> :	· · · · · · · · · · · · · · · · · · ·				
A. General Information About Stack:  Stack Connected to  Stack TS-04 & TS-06  Emission due to  Stack Combustion of NG (TS-04 & TS-06)  Material of construction of stack  Shape of stack  Shape of stack  Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Stack from ground level (m)  Stack at sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Stack (m²)  C. Analysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Stack  Stack  Stack		Ŀ					
Stack Connected to  : Thermic Fluid Heater/Thermo Syphon heater FADP-2 TS-04 & TS-06  Emission due to  : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : Stack  Stack		Ŀ	Tempera	Геmperature: 27°С; RH-40%			
heater FADP-2 TS-04 & TS-06  Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack							
Emission due to : Combustion of NG (TS-04 & TS-06)  Material of construction of stack : MS  Shape of stack : Circular  Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack	Stack Connected to			:			
Material of construction of stack : MS Shape of stack : Circular Whether stack is provided with permanent platform : Yes  B. Physical Characteristics of Stack: Height of stack from ground level (m) : 38 Height of sampling point from ground level (m) : Diameter of Stack at sampling point (m) : 0.35 Area of stack (m²) : 0.096 C. Analysis/ Characteristic of Stack:  Fuel used : NG Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack	Project 1	F					
Shape of stack  Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Height of sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Area of stack (m²)  C. Analysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Details of pollution control devices attached with the  : Circular  : Yes  Stack  : NG  : 0.096  : 0.35  : 0.096  : NG  : NG  : Stack				:			
Whether stack is provided with permanent platform  B. Physical Characteristics of Stack:  Height of stack from ground level (m)  Height of sampling point from ground level (m)  Diameter of Stack at sampling point (m)  Area of stack (m²)  C. Analysis/ Characteristic of Stack:  Fuel used  Fuel consumption  Details of pollution control devices attached with the  : Yes  Yes  Yes  Yes  1. NG  1. NG  1. NG  1. Stack  Stack				_			
B. Physical Characteristics of Stack:  Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack	•	+¢-	cm				
Height of stack from ground level (m) : 38  Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack		u0	111	:	103		
Height of sampling point from ground level (m) :  Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack					38		
Diameter of Stack at sampling point (m) : 0.35  Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack		)					
Area of stack (m²) : 0.096  C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack							
C. Analysis/ Characteristic of Stack:  Fuel used : NG  Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack							
Fuel used: NGFuel consumption: 52 Sm³/hr.Details of pollution control devices attached with the: Stack							
Fuel consumption : 52 Sm³/hr.  Details of pollution control devices attached with the : Stack				:	NG		
Details of pollution control devices attached with the : Stack							
	Details of pollution control devices attached w	ith	the	_			



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/06 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:												
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	159		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	5.50		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	1269.53		Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	8.75	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	7.52		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
Э.	Sulphur Dioxide (as SO <sub>2</sub> )	0.23	125	Kg/day	IS-11255, (part-2) 2019								
6.	Nitrogen Oxide (as NO <sub>2</sub> )	78.26		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017								

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note

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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.





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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ ST- 24/03/07 **Issue Date:** 10/03/2024

<b>Ref. No.:</b> AESPL/LAB/C/ ST- 24/03/07	<b>Issue Date:</b> 10/03/2024						
Name of Customer & Contact Details	:		,	ndustries Ltd.			
				nagar, Eastern Express Highway Vikroli			
			(E), Mumbai – 400119. Mr. Abhijit Kanase				
121		<b>†</b>		2586 ⊠ <u>abhijit.kanase@godrejinds.com</u>			
Name of Site	:			ndustries Ltd. Ambernath Plant Dist-Than			
Discipline & Group	:			l: Atmospheric Pollution			
Description of sample	:	Stack	Em	nission			
Sample Identification number	:	ST- 24	/03	03/07			
Sample Quantity	:	SO <sub>2</sub> :11	3ot1	ttle; NO <sub>2</sub> :1 Bottle; Thimble-1.			
Date & Time of sampling	:			2024, 12:00-12:34 hr.			
Sampling Environmental Conditions	:	Temp.	:30	0°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:			Thimbles in Bladders at			
		Bottle	s <	1			
0 1 16 10 10 11		AFGDI		temp.			
Sample Monitored & Transported by	<u> </u>	AESPL		0024			
Date of sample receipt	:	04/03	•				
Date of sample analysis	<u>:</u>		•	2024 to 07/03/2024			
Sampling Equipment Used	:		ST-I-02				
Calibration status	<u>:</u>		5/05/2023 to 25/05/2024				
Project/ Job number	:		PO#2527011419 DT. 11.05.2023				
Reference of sampling	:		AESPL/LAB/QR/7.3.3/R-02				
Method of sampling & preservation	Ŀ		AESPL/LAB/SOP/7.3.1/ST-01				
Environmental Condition while Testing	:	Temp	Temperature: 27°C; RH-40%				
A. General Information About Stack:							
Stack Connected to			:	Boiler LP 15928 & 15926			
Emission due to			:				
Matarial of any struction of start				boiler			
Material of construction of stack Shape of stack			:				
Whether stack is provided with permanent pla	ntfo	rm	:				
B. Physical Characteristics of Stack:	1110	1 111	•	165			
Height of stack from ground level (m)			:	46			
Height of sampling point from ground level (m)							
Diameter of Stack at sampling point (m)			:				
Area of stack (m <sup>2</sup> )			:				
C. Analysis/ Characteristic of Stack:							
Fuel used				Solid Briquette			
Fuel consumption				Briquette 50 ton/hr.			
Details of pollution control devices attached w	ith	the	:	Scrubber, Stack			
stack:							



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/07 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:												
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	107		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	4.54		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	14001		Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	72.67	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	37.81		mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
Э.	Sulphur Dioxide (as SO <sub>2</sub> )	12.71	260	Kg/day	IS-11255, (part-2) 2019								
6.	Nitrogen Oxide (as NO <sub>2</sub> )	66.03		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017								

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

#### Note:

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TC-7085

# Test Report (Stack Emission)

<b>Ref. No.:</b> AESPL/LAB/C/ S1- 24/03/08	Issue Date: 10/03/2024						
Name of Customer & Contact Details	:	Godrej Industries Ltd.					
		Pirojshanagar, Eastern Express Highway Vikroli					
		(E), Mumbai – 400119. Mr. Abhijit Kanase.					
		⊘771182586 ⊠abhijit.kanase@godrejinds.com					
Name of Site	:	Godrej Industries Ltd. Ambernath Plant Dist-Tha	ne				
Discipline & Group	:	Chemical: Atmospheric Pollution					
<b>Description of sample</b>	:	Stack Emission					
Sample Identification number	:	ST- 24/03/08					
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.					
Date & Time of sampling	:	02/03/2024, 13:30-14:04 hr.					
Sampling Environmental Conditions	:	Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.					
Transportation Condition	:	Bottles < 5°C Thimbles in Bladders at					
		plastic container   ambient ter	np.				
Sample Monitored & Transported by	:	AESPL					
Date of sample receipt	:	04/03/2024					
Date of sample analysis	:	04/03/2024 to 07/03/2024					
Sampling Equipment Used	:	ST-I-02					
<b>Calibration status</b>	:	/05/2023 to 25/05/2024					
Project/ Job number	:	PO#2527011419 DT. 11.05.2023					
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02					
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01	SPL/LAB/SOP/7.3.1/ST-01				
<b>Environmental Condition while Testing</b>	:	emperature: 27°C; RH-40%					
A. General Information About Stack:							
Stack Connected to		: Boiler 14335(MP) & 15927 (HP)					
Emission due to		: Combustion of Mixed oil & NG (1433	35				
Mariah Carata dia Cara		MP-Boiler & 15927 HP-Boiler)					
Material of construction of stack		: MS					
Shape of stack	LC-	: Circular					
Whether stack is provided with permanent pla  B. Physical Characteristics of Stack:	ττο	rm : Yes					
Height of stack from ground level (m)		: 46					
Height of sampling point from ground level (m)							
Diameter of Stack at sampling point (m)	: 0.85						
Area of stack (m <sup>2</sup> )	: 0.568						
C. Analysis/ Characteristic of Stack:		.   0.300					
Fuel used		: Mixed oil + NG					
Fuel consumption	: 1.5 Ton/day. + 62 Sm3/hr.						
Details of pollution control devices attached w							
stack:							

# oes

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

# Test Report (Stack Emission)

**Ref. No.:** AESPL/LAB/C/ST- 24/03/08 **Issue Date:** 10/03/2024

D. R	D. Result of Sampling & Analysis of Gaseous Emission:												
SL.	Parameter	Result	MPCB.	Unit	Method of analysis								
No.			Limits										
1.	Gas Temperature	166		°C	IS-11255, (part- 1,3) 2018-19								
2.	Gas velocity	5.20		m/s	IS-11255, (part- 1,3) 2018-19								
3.	Gas flow rate	6938	-	Nm³/hr.	IS-11255, (part- 1,3) 2018-19								
4.	Particulate Matter	41.37	150	mg/Nm <sup>3</sup>	IS-11255, (part- 1,3) 2018-19								
5.	Sulphur Dioxide (as SO <sub>2</sub> )	34.12	-	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019								
6.	Sulphur Dioxide (as SO <sub>2</sub> )	5.68	293	Kg/day	IS-11255, (part-2) 2019								
7.	Nitrogen Oxide (as NO <sub>2</sub> )	63.17		mg/Nm <sup>3</sup>	IS-11255, (part-7) 2017								

**Conformity Statement**: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter are within the levels stipulated as per MPCB Consent.

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

Date of Sample Drawn   :   02/03/2024   Time of Sample Drawn   :   10.15 am   Sample Drawn By   :   AESPL   Transported By   :   AESPL   AESPL   Transported By   :   AESPL   Sample Identification   :   W-24/0   Sample Quantity & Container   :   A-1lit; Plastic can, B-500ml; Amber colored glass bottle	Ref. No.: .	AESPL/LAB/C/W-24/03/				Issue Date: 09/03/2024						
Vikroli East, Mumbai - 400079   Mr. Abhijit Kanse 770982586,Email: abhijit,kanase@godrejinds.com		, , , , , , , , , , , , , , , , , , ,										
Mr. Abhijit Kanse 770982586,Email: abhijit.kanase@godrejinds.com	Details			Piro	Pirojshanagar, Eastern Express Highway							
Name of Site : Godrej Industries Ltd.Ambernath Plant. Dist-Thane Nature of Sample : Effluent   Location of Sample   Industries Ltd.Ambernath Plant. Dist-Thane Date of Sample Drawn : 02/03/2024   Time of Sample Drawn   Industries Ltd.Ambernath Plant. Dist-Thane Nature of Sample Drawn   10.15 and Sample Drawn   Industries Ltd.Ambernath Plant. Dist-Thane Date of Sample Drawn   10.15 and Sample Drawn   Industries Ltd.Ambernath Plant. Dist-Thane Nature of Sample Drawn   10.15 and Sample Drawn   Industries Ltd.Ambernath Plant. Dist-Thane Date of Sample Receipt   02/03/2024   Sample Identification   W-24/0 Sample Quantity & Container   A-1lit; Plastic can, B-500ml; Amber colored glass bottle Ilit; Plastic can.  Date of Sample Analysis   102/03/2024   Water Temperature: 26°C, Air Temperature: 29° Surrounding was clean.  Transportation Condition   1 A:<2.0 with H <sub>2</sub> SO <sub>4</sub> , B:<2.0 with H <sub>2</sub> SO <sub>4</sub> , F:<6°C   Water Temperature: <6°C, Cold storage.  Project/ Job number   1 AESPL/LAB/QR/7.3.3/R-02    Method of Sampling   1 AESPL/LAB/QR/7.3.3/R-02    Method of Sampling & Preservation   2 AESPL/LAB/QR/7.3.3/R-02    Method of Sampling & Preservation   1 AESPL/LAB/QR/7.3.3/R-02    Method of Sampling & Preservation   2 AESPL/LAB/QR/7.3.1/W-01    Environmental Condition while Testing   1 Ambient Temperature: 29.5°C and Humidity: 42  Sr.No.   Parameter   Result   Method of analy: 1 ABENL/Y   1 APHA-2023(4500H*-1 C.)    2. Turbidity, NTU   2 2.0 APHA-2023(2130-B)    3. Suspended Solids @ 103°C, mg/l   4.0 APHA-2023(2540-D)    4. Chemical Oxygen Demand, mg/l   10 APHA-2023(2540-D)    4. Chemical Oxygen Demand, mg/l   35 APHA-2023(4500Cl*-1 C.)    5. Total Dissolved Solids @ 180°C, mg/l   35 APHA-2023(4500Cl*-1 C.)    6. Chloride as Cl*, mg/l   35 APHA-2023(4500Cl*-1 C.)    7. Sulphate as SO4², mg/l   6.89 APHA-2023(4500Cl*-1 C.)    8. Residual Chlorine, mg/l   0.56 APHA-2023(4500Cl*-1 C.)    9. Hardness CaCO3, mg/l   0.030 APHA-2023(3500Fe-1 C.)    10. Iron as Fe, mg/l   0.030 APHA-2023(4500Slo):				Vikr	Vikroli East, Mumbai – 400079							
Name of Site				Mr. Abhijit Kanse 770982586,Email:								
Nature of Sample												
Date of Sample Drawn   :   02/03/2024   Time of Sample Drawn   :   10.15 and Sample Drawn By   :   AESPL   Transported By   :   AESPL   AFSPL   Transported By   :   AESPL   AFSPL   Transported By   :   AESPL   A-11it; Plastic can, B-500ml; Amber colored glass bottle and place of Sample Analysis   :   02/03/2024 to 07/03/2024			:						Dis			
Sample Drawn By			:						:	RO 1 Product		
Date of Sample Receipt		-				2024			_			
Sample Quantity & Container		-				2004						
1lit; Plastic can.			:									
Date of Sample Analysis   :   02/03/2024 to 07/03/2024	Sample (	Quantity & Container	:				n, <b>B</b> -500ml	; Amber colore	ea g	lass bottle, <b>F</b> -		
Environmental Conditions at site   :   Water Temperature: 26°C, Air Temperature: 29°Surrounding was clean.   :   A:<2.0 with H <sub>2</sub> SO <sub>4</sub> , B:<2.0 with H <sub>2</sub> SO <sub>4</sub> , F:<6°C   Water Temperature: <6°C, Cold storage.	Data of C	Comple Analysis	-				7/02/2024					
Surrounding was clean.			•	02/0				· 26°C Air Tam	nai	rature: 20°C		
Transportation Condition         : A:<2.0 with H₂SO₄, B:<<2.0 with H₂SO₄, F:<6°C Water Temperature:	LIIVII OIII	incital conditions at site			•		-		рсі	ature. 27 c,		
Water Temperature: < 6°C, Cold storage.   Project/ Job number	Transpo	rtation Condition			:							
Project/ Job number         :         2527006419 dtd 09 May 2023           Reference of Sampling         :         AESPL/LAB/QR/7.3.3/R-02           Method of Sampling & Preservation         :         AESPL/LAB/SOP/7.3.1/W-01           Environmental Condition while Testing         :         Ambient Temperature: 29.5°C and Humidity: 42           Sr.No.         Parameter         Result         Method of analys           1.         pH @ 25°C         7.20         APHA-2023(4500H*-I           2.         Turbidity, NTU         < 2.0         APHA-2023(2130-B)           3.         Suspended Solids @ 103°C, mg/l         4.0         APHA-2023(2540-D)           4.         Chemical Oxygen Demand, mg/l         10         APHA-2023(5220-B)           5.         Total Dissolved Solids@ 180°C, mg/l         200         APHA-2023(2540-C)           6.         Chloride as Cl⁻, mg/l         35         APHA-2023(4500Cl⁻-I           7.         Sulphate as SO4²⁻, mg/l         6.89         APHA-2023(4500SO4⁻-I           8.         Residual Chlorine, mg/l         0.56         APHA-2023(2340-C)           9.         Hardness CaCO₃, mg/l         8.0         APHA-2023(3500Fe-I           10.         Iron as Fe, mg/l         0.030         APHA-2023(4500Si0²												
Method of Sampling & Preservation         : AESPL/LAB/SOP/7.3.1/W-01           Environmental Condition while Testing         : Ambient Temperature: 29.5°C and Humidity: 42           Sr.No.         Parameter         Result         Method of analy: Method of analy: Method of analy: Method of analy: APHA-2023(4500H*-II)           1.         pH @ 25°C         7.20         APHA-2023(4500H*-II)           2.         Turbidity, NTU         < 2.0         APHA-2023(2130-B)           3.         Suspended Solids @ 103°C, mg/l         4.0         APHA-2023(2540-D)           4.         Chemical Oxygen Demand, mg/l         10         APHA-2023(5220-B)           5.         Total Dissolved Solids@ 180°C, mg/l         200         APHA-2023(2540-C)           6.         Chloride as Cl⁻, mg/l         35         APHA-2023(4500Cl⁻-I           7.         Sulphate as SO4²-, mg/l         6.89         APHA-2023(4500SO4-I           8.         Residual Chlorine, mg/l         0.56         APHA-2023(4500Cl⁻-I           9.         Hardness CaCO3, mg/l         8.0         APHA-2023(2340-C)           10.         Iron as Fe, mg/l         0.030         APHA-2023(4500SiO2-I           11.         Silica as SiO2, mg/l         < 0.2         APHA-2023(4500SiO2-I	Project/	Job number			:		527006419 dtd 09 May 2023					
Environmental Condition while Testing         : Ambient Temperature: 29.5°C and Humidity: 42           Sr.No.         Parameter         Result         Method of analy: 42           1. pH @ 25°C         7.20         APHA-2023(4500H*-I           2. Turbidity, NTU         < 2.0         APHA-2023(2130-B)           3. Suspended Solids @ 103°C, mg/l         4.0         APHA-2023(2540-D)           4. Chemical Oxygen Demand, mg/l         10         APHA-2023(5220-B)           5. Total Dissolved Solids@ 180°C, mg/l         200         APHA-2023(2540-C)           6. Chloride as Cl⁻, mg/l         35         APHA-2023(4500Cl⁻-I           7. Sulphate as SO4²⁻, mg/l         6.89         APHA-2023(4500SO4⁻-I           8. Residual Chlorine, mg/l         0.56         APHA-2023(2340-C)           9. Hardness CaCO₃, mg/l         8.0         APHA-2023(2340-C)           10. Iron as Fe, mg/l         0.030         APHA-2023(3500Fe-I           11. Silica as SiO₂, mg/l         < 0.2         APHA-2023(4500SiO₂						AESPL/						
Sr.No.         Parameter         Result         Method of analyse           1.         pH @ 25°C         7.20         APHA-2023(4500H*-I           2.         Turbidity, NTU         < 2.0         APHA-2023(2130-B)           3.         Suspended Solids @ 103°C, mg/l         4.0         APHA-2023(2540-D)           4.         Chemical Oxygen Demand, mg/l         10         APHA-2023(5220-B)           5.         Total Dissolved Solids@ 180°C, mg/l         200         APHA-2023(2540-C)           6.         Chloride as Cl⁻, mg/l         35         APHA-2023(4500Cl⁻-I           7.         Sulphate as SO4²⁻, mg/l         6.89         APHA-2023(4500SO⁴           8.         Residual Chlorine, mg/l         0.56         APHA-2023(4500Cl⁻-I           9.         Hardness CaCO₃, mg/l         8.0         APHA-2023(2340-C)           10.         Iron as Fe, mg/l         0.030         APHA-2023(3500Fe-I           11.         Silica as SiO₂, mg/l         < 0.2         APHA-2023(4500SiO²					:							
1.       pH @ 25°C       7.20       APHA-2023(4500H+-I         2.       Turbidity, NTU       < 2.0       APHA-2023(2130-B)         3.       Suspended Solids @ 103°C, mg/l       4.0       APHA-2023(2540-D)         4.       Chemical Oxygen Demand, mg/l       10       APHA-2023(5220-B)         5.       Total Dissolved Solids@ 180°C, mg/l       200       APHA-2023(2540-C)         6.       Chloride as Cl-, mg/l       35       APHA-2023(4500Cl-I         7.       Sulphate as SO4²-, mg/l       6.89       APHA-2023(4500SO4²-I         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500Cl-I         9.       Hardness CaCO3, mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO2, mg/l       < 0.2       APHA-2023(4500SiO2				ng	:	Ambien						
2.       Turbidity, NTU       < 2.0       APHA-2023(2130-B)         3.       Suspended Solids @ 103°C, mg/l       4.0       APHA-2023(2540-D)         4.       Chemical Oxygen Demand, mg/l       10       APHA-2023(5220-B)         5.       Total Dissolved Solids@ 180°C, mg/l       200       APHA-2023(2540-C)         6.       Chloride as Cl², mg/l       35       APHA-2023(4500Cl²-I         7.       Sulphate as SO4²-, mg/l       6.89       APHA-2023(4500SO4²-I         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500Cl²-I         9.       Hardness CaCO3, mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO2, mg/l       < 0.2       APHA-2023(4500SiO2	-											
3. Suspended Solids @ 103°C, mg/l 4.0 APHA-2023(2540-D) 4. Chemical Oxygen Demand, mg/l 10 APHA-2023(5220-B) 5. Total Dissolved Solids@ 180°C, mg/l 200 APHA-2023(2540-C) 6. Chloride as Cl <sup>-</sup> , mg/l 35 APHA-2023(4500Cl <sup>-</sup> -I 7. Sulphate as SO4 <sup>2-</sup> , mg/l 6.89 APHA-2023(4500SO4 <sup>2</sup> -I 8. Residual Chlorine, mg/l 0.56 APHA-2023(4500Cl <sup>-</sup> -I 9. Hardness CaCO <sub>3</sub> , mg/l 8.0 APHA-2023(2340-C) 10. Iron as Fe, mg/l 0.030 APHA-2023(3500Fe-I 11. Silica as SiO <sub>2</sub> , mg/l < 0.2 APHA-2023(4500SiO <sub>2</sub> )		A							APHA-2023(4500H+-B)			
4.       Chemical Oxygen Demand, mg/l       10       APHA-2023(5220-B)         5.       Total Dissolved Solids@ 180°C, mg/l       200       APHA-2023(2540-C)         6.       Chloride as Cl-, mg/l       35       APHA-2023(4500ClI         7.       Sulphate as SO42-, mg/l       6.89       APHA-2023(4500SO4-I         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500ClI         9.       Hardness CaCO3, mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO2, mg/l       < 0.2       APHA-2023(4500SiO2	2.	<b>y</b> .					< 2.0	APHA-20	APHA-2023(2130-B)			
5.       Total Dissolved Solids@ 180°C, mg/l       200       APHA-2023(2540-C)         6.       Chloride as Cl-, mg/l       35       APHA-2023(4500ClI         7.       Sulphate as SO4²-, mg/l       6.89       APHA-2023(4500SO4²-I         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500ClI         9.       Hardness CaCO3, mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO2, mg/l       < 0.2       APHA-2023(4500SiO2	3.	Suspended Solids @ 103	°C,	mg/l			4.0	APHA-2023(2540-D)				
6.       Chloride as Cl-, mg/l       35       APHA-2023(4500ClI         7.       Sulphate as SO42-, mg/l       6.89       APHA-2023(4500SO4-I         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500ClI         9.       Hardness CaCO3, mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO2, mg/l       < 0.2       APHA-2023(4500SiO2	4.	Chemical Oxygen Deman	ıd, 1	mg/l			10	APHA-20	23(	(5220-B)		
7.       Sulphate as SO <sub>4</sub> 2-, mg/l       6.89       APHA-2023(4500SO <sub>4</sub> 2-)         8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500ClI         9.       Hardness CaCO <sub>3</sub> , mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO <sub>2</sub> , mg/l       < 0.2       APHA-2023(4500SiO <sub>2</sub> )	5.	Total Dissolved Solids@	18	0°C, r	ng/	1	200	APHA-2023(2540-C)				
8.       Residual Chlorine, mg/l       0.56       APHA-2023(4500ClI         9.       Hardness CaCO <sub>3</sub> , mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-I         11.       Silica as SiO <sub>2</sub> , mg/l       < 0.2       APHA-2023(4500SiO <sub>2</sub>	6.	Chloride as Cl-, mg/l					35	35 APHA-2023(4500Cl <sup>-</sup> -B)				
9.       Hardness CaCO <sub>3</sub> , mg/l       8.0       APHA-2023(2340-C)         10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-Fe-F	7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l					6.89 APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)					
10.       Iron as Fe, mg/l       0.030       APHA-2023(3500Fe-Independent of the property of the pro	8.						0.56 APHA-2023(4500ClB)					
11. Silica as SiO <sub>2</sub> , mg/l < 0.2 APHA-2023(4500SiO <sub>2</sub>		Hardness CaCO <sub>3</sub> , mg/l						8.0 APHA-2023(2340-C)				
-/ 0/	10.	Iron as Fe, mg/l										
12   Oil & Crosso mg/l	11.	Silica as SiO <sub>2</sub> , mg/l										
12. On & Grease, high 2.0 15-3025 (Part 39) RAZ	12.	Oil & Grease, mg/l					< 2.0	IS-3025 (	IS-3025 (Part 39) RA2019			

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/03/13 **Issue Date:** 09/03/2024

Kei. No.:	No.: AESPL/LAB/C/W-24/03/13										
	f Customer & Contact : Godrej Industries Ltd										
Details			Pirojshanagar, Eastern Express Highway								
			Vikroli East, Mumbai – 400079								
				Mr. Abhijit Kanse 770982586,Email:							
			abhijit.kanase@godrejinds.com								
Name of		:		_		es Ltd.Amberi		)is			
	of Sample	:	Efflu			Location of S		:	RO 2 Product		
	Sample Drawn	:			2024	Time of Samp	`				
	Drawn By	:	AES		2024	Transported					
	Sample Receipt	:			2024	Sample Ident		:			
Sample	Quantity & Container	:				n, <b>B</b> -500ml; Ai	mber colored	l g	lass bottle, <b>F</b> -		
Data of	Sample Analysis				stic can.	7/03/2024					
	Sample Analysis mental Conditions at site	:	02/0	)3/ :		7/03/2024 emperature: 20	6°C Air Tomr	or	20°C		
LIIVII OII	mental Conditions at site			•		ding was clean		CI	ature. 27 G,		
Transpo	ortation Condition			:		with $H_2SO_4$ , <b>B</b> : <		Ω4.	F:< 6°C		
Tunope				-		emperature: <					
Project/	Job number			:		6419 dtd 09 l			<b>3</b> -		
	ce of Sampling			:		LAB/QR/7.3.3/					
	of Sampling & Preservation	n		:	AESPL/	LAB/SOP/7.3.1	/W-01				
Environ	mental Condition while Te	esti	ng	:	Ambien	mbient Temperature: 29.5°C and Humidity: 42%					
Sr.No.	Parameter					Result	Metho	od	of analysis		
1.	рН @ 25°C					6.36	APHA-2023(4500H+-B)				
2.	Turbidity, NTU					<2.0	APHA-2023(2130-B)				
3.	Suspended Solids @ 103	°C,	mg/l			6.0	APHA-202	3(	2540-D)		
4.	Chemical Oxygen Deman	d,	mg/l			20	APHA-202	3(	5220-B)		
5.	Total Dissolved Solids@	18	0°С, г	ng/	<b>'</b> l	280	APHA-202	3(	2540-C)		
6.	Chloride as Cl-, mg/l					60	APHA-202	3(	4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l			15 APHA-2023(4500SO <sub>4</sub> <sup>2</sup> -E)							
8.	Residual Chlorine, mg/l					< 0.56	0.56 APHA-2023(4500ClB)				
9.	. Hardness CaCO <sub>3</sub> , mg/l					8.0 APHA-2023(2340-C)					
10.	l. Iron as Fe, mg/l					0.030 APHA-2023(3500Fe-B)					
11.	Silica as SiO <sub>2</sub> , mg/l		< 0.2	APHA-2023(4500SiO <sub>2</sub> -C)							
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (P	ar	t 39) RA2019		

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- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/03/14 **Issue Date:** 09/03/2024

	AESPL/LAB/C/W-24/US/				Issue Date: 09/03/2024								
	Customer& Contact	:	God	Godrej Industries Ltd									
Details			Piro	jsh	anagar, l	nagar, Eastern Express Highway							
			Vikr	oli	East, Mu	mbai – 40007	9						
					•	770982586,Er							
			<u>abhi</u>	jit.l	kanase@	nase@godrejinds.com							
Name of		:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane									
	of Sample	:	Efflu			Location of Sa		:	RO 3 Product				
	Sample Drawn			2024	Time of Samp		:						
	Drawn By	AES			Transported	•	:						
	Sample Receipt	:			2024	Sample Ident		:					
Sample	Quantity & Container	:		<b>A-1</b> lit; Plastic can, <b>B-5</b> 00ml; Amber colored glass bottle, <b>F-</b>									
Data of	Paragraph Annahmata				stic can.	7/02/2024							
	Sample Analysis mental Conditions at site	:	02/0	)3/. :		7/03/2024	OC Air Tom	30r	ratura, 20°C				
Eliviioli	mental conditions at site			•	Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.								
Transno	rtation Condition			:	<b>A:</b> <2.0 with $H_2SO_4$ , <b>B:</b> <2.0 with $H_2SO_4$ , <b>F:</b> < 6°C								
Trunspo				•		emperature: <							
Project/	Job number			:		6419 dtd 09 N			5				
	ce of Sampling			:		LAB/QR/7.3.3/							
	of Sampling & Preservatio	n		:		LAB/SOP/7.3.1							
Environ	mental Condition while Te	esti	ng										
Sr.No.	Parameter			Result Method of analy									
1.	pH @ 25°C					7.18	APHA-2023(4500H+-B)						
2.	Turbidity, NTU					< 2.0	APHA-202	23(	(2130-B)				
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-202	3(	[2540-D]				
4.	Chemical Oxygen Deman	d, 1	mg/l			20	APHA-202	3(	(5220-B)				
5.	Total Dissolved Solids@	18	0°С, r	ng/	'l	210	APHA-2023(2540-C)						
6.	Chloride as Cl-, mg/l					40	APHA-2023(4500ClB)						
7.	Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l					5.6	APHA-202	3(	(4500SO <sub>4</sub> <sup>2</sup> E)				
8.	Residual Chlorine, mg/l				<0.56		`	(4500Cl <sup>-</sup> -B)					
9.	Hardness CaCO3, mg/l				<2.0	APHA-2023(2340-C)							
10.	Iron as Fe, mg/l			0.030 APHA-2023(3500Fe-									
11.	Silica as SiO <sub>2</sub> , mg/l				< 0.2 APHA-2023(4500SiO <sub>2</sub> -C)								
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019						

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Reshma S. Patil (Authorized Signatory)



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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/03/15 **Issue Date:** 09/03/2024

Ket. No.:	AESPL/LAB/C/W-24/03	/15	)			Issue Date: 09/03/2024						
	f Customer& Contact	:	God	drej Industries Ltd								
Details			Piro	jsh	anagar, l	Eastern Expr	ess Highway	7				
					,	mbai – 4000						
					•	770982586,1						
					anase@godrejinds.com							
Name of		:		_		es Ltd.Ambe						
	of Sample	:	Efflu			<b>Location of</b>		:	RO 3 Reject			
	Sample Drawn	:			2024	Time of San	_	<u>:</u>	11.00 am			
	Drawn By							<u>:</u>	AESPL			
	Sample Receipt						ntification	1:				
Sample	Quantity & Container		Piastic ca Istic can.	n, <b>B</b> -500mi; <i>I</i>	Amber colore	ea g	lass bottle, <b>F</b> -					
Date of S	Sample Analysis	:				7/03/2024						
Environ	mental Conditions at site			:		Water Temperature: 26°C, Air Temperature: 29°C,						
				Surrounding was clean. <b>A:</b> < $2.0$ with $H_2SO_4$ , <b>B:</b> < $2.0$ with $H_2SO_4$ , <b>F:</b> < $6^{\circ}C$								
Transpo	ortation Condition			:								
						emperature:		ora	ge.			
	/ Job number			:		6419 dtd 09						
	ce of Sampling			:		LAB/QR/7.3.3						
	of Sampling & Preservation mental Condition while Te		nσ	: AESPL/LAB/SOP/7.3.1/W-01 : Ambient Temperature: 29.5°C and Humidity: 42%								
Sr.No.	Parameter		Result Method of ana									
1.	pH @ 25°C					7.25			(4500H+-B)			
2.	Turbidity, NTU					<2.0	APHA-2023(2130-B)					
3.	Suspended Solids @ 103	°C,	mg/l			8.0	APHA-20					
4.	Chemical Oxygen Deman	ıd, i	mg/l			1200	APHA-20	23(	(5220-B)			
5.	Total Dissolved Solids@	18	0°С, r	ng/	<b>'</b> l	25000	APHA-20	23(	(2540-C)			
6.	Chloride as Cl-, mg/l					3890	APHA-20	23(	(4500Cl <sup>-</sup> -B)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l				3200	APHA-20	23(	(4500SO <sub>4</sub> <sup>2</sup> -E)				
8.	Residual Chlorine, mg/l			0.56	APHA-20	23(	(4500Cl <sup>-</sup> -B)					
9.	Hardness CaCO <sub>3</sub> , mg/l			830	APHA-20	23(	[2340-C)					
10.	Iron as Fe, mg/l		0.030	APHA-2023(3500Fe-B)								
11.	Silica as SiO <sub>2</sub> , mg/l					< 0.2	APHA-2023(4500SiO <sub>2</sub> -C)					
12.	Oil & Grease, mg/l					< 2.0	IS-3025 (Part 39) RA2019					

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

Rei. No.:	: AESPL/LAB/C/W-24/03/	10	)	Issue Date: 09/03/2024								
	f Customer& Contact		God	rej	Industri	es Ltd						
Details			Piro	jsh	anagar, I	Eastern Exp	ress Highway					
						mbai – 400						
			Mr. A	Abh	ijit Kanse	770982586	Email:					
			<u>abhi</u>	iit.l	kanase@g	godrejinds.c	<u>om</u>					
Name o	f Site			Godrej Industries Ltd.Ambernath Plant. Dist-Thane								
	of Sample	:	Efflu	ent	į	Location o	f Sample	:	ETP Inlet			
	Sample Drawn		02/0	3/	2024		mple Drawn	:				
	Drawn By	:	AESI			Transport		:				
	Sample Receipt	:			2024		entification		W- 24/03/16			
Sample	Quantity & Container				n, <b>B</b> -500ml;	Amber colored	d g	lass bottle, <b>F</b> -				
				it; Plastic can.								
	Sample Analysis	:	02/0			7/03/2024	0500 11 5					
Environ	mental Conditions at site			:	Water Temperature: 27°C, Air Temperature: 29°C,							
Т	outation Condition				Surrounding was clean. <b>A:</b> <2.0 with H <sub>2</sub> SO <sub>4</sub> , <b>B</b> : <2.0 with H <sub>2</sub> SO <sub>4</sub> , <b>F</b> :< 6°C							
1 ransp	ortation Condition			:								
Droject	/ Job number			:			< 6°C, Cold sto 9 May 2023	ıaş	ge.			
	ce of Sampling			:								
	of Sampling & Preservatio	n		:	AESPL/LAB/QR/7.3.3/R-02 AESPL/LAB/SOP/7.3.1/W-01							
	mental Condition while Te		ng	:	Ambient Temperature: 29.5°C and Humidity: 42%							
Sr.No.	Parameter		-0	Ī		sult			of analysis			
1.	pH @ 25°C					22	APHA-2023(4					
2.	Suspended Solids @ 103°C,	mg	<u>;/l</u>			34	APHA-2023(2					
3.	Chemical Oxygen Demand,					950	APHA-2023(5					
4.	Biochemical Oxygen Deman					50	IS-3025 (Part					
	@ 27°C for 3 days, mg/l								•			
5.	Total Dissolved Solids @ 18	0°(	٦,		38	300	APHA-2023(2	54	0-C)			
6.	Chloride as Cl-, mg/l				4	80	APHA-2023(4	50	0ClB)			
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l				2	30	APHA-2023(4	50	0SO <sub>4</sub> <sup>2-</sup> -E)			
8.	Total Ammoniacal Nitrogen as NH				2.24 APHA-2023(4500NF				ONH <sub>3</sub> -B&C)			
	mg/l											
9.	Anionic detergent as MBAS,	mg	g/l	< 0.04 APHA-2023(5540-C)				0-C)				
10.	Oil & Grease, mg/l				< 2.0 IS-3025 (Part 39) RA2019							

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787



TC-7085

# <u>Test Report</u> (Wastewater)

**Ref. No.:** AESPL/LAB/C/W-24/03/17 **Issue Date:** 09/03/2024

	1 <b>0</b> ALSI L/LAD/C/W-Z <del>T</del> /US/			13sue Date: 07/03/2024									
	e of Customer& Contact	:	God	Godrej Industries Ltd									
Deta	ils		Piro	ish	anagar	Eastern Express	s Highway						
				,		umbai – 400079							
					,	se 770982586,Em							
				abhijit.kanase@godrejinds.com									
Name	e of Site	:		Godrej Industries Ltd.Ambernath Plant. Dist-Thane									
	re of Sample	:	Efflu			Location of Sai		•	ETP - Outlet				
	of Sample Drawn	:			2024	Time of Sampl	_	:	11.25 am				
	ole Drawn By	÷	AESI		1021	Transported B			AESPL				
	of Sample Receipt	÷			2024	Sample Identif			W- 24/03/17				
	ole Quantity & Container	:				an, <b>B</b> -500ml; Am							
Jamp	To Quantity & container							• 5	iadd Dottie, i				
Date	of Sample Analysis			it; Plastic can. 2/03/2024 to 07/03/2024									
	conmental Conditions at site	<u> </u>	02/0	•			C Air Temr	) er	rature: 29°C				
LIIVII	official conditions at site			: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.									
Tran	sportation Condition			: <b>A:</b> <2.0 with H <sub>2</sub> SO <sub>4</sub> , <b>B</b> : <2.0 with H <sub>2</sub> SO <sub>4</sub> , <b>F</b> :< 6°C									
III	sportation condition			•		Temperature: < 6°							
Proje	ect/ Job number					06419 dtd 09 M		ue	50.				
	rence of Sampling			:		/LAB/QR/7.3.3/R							
	od of Sampling & Preservation	n		: AESPL/LAB/SOP/7.3.1/W-01									
	ronmental Condition while Te		nσ	, , , , ,									
Sr.	Parameter with unit	, J. C.	····8	Result MPCB Consent Method of analysis									
No.	Turumeter with unit			•	Court	Limit	Micti		i oi ulluly 313				
1.	рН @ 25°C				7.18	6.0 to 8.5	APHA-202	230	(4500H+-B)				
2.	Suspended Solids @ 103°C, mg	<u>7/1</u>			8.0	< 100	APHA-202						
3.	Chemical Oxygen Demand, mg	,,			60	< 250	APHA-202		1				
4.	Biochemical Oxygen Demand				22	< 100			4) RA2019				
	@ 27°C for 3 days, mg/l												
5.	Total Dissolved Solids @ 180°C	ng/l		650	< 2100	APHA-2023(2		(2540-C)					
6.					140	< 600			(4500Cl <sup>-</sup> -B)				
7.	7. Sulphate as SO <sub>4</sub> <sup>2</sup> -, mg/l				75 < 1000 APHA-2023(4500			(4500SO <sub>4</sub> <sup>2</sup> E)					
8.	8. Total Ammoniacal Nitrogen as NH <sub>3</sub> ,				<0.56	< 50	APHA-202	23	(4500NH <sub>3</sub> -B&C)				
	mg/l												
9.	Anionic detergent as MBAS, m	g/l		_	< 0.04	< 5.0	APHA-202	_					
10.	Oil & Grease, mg/l				< 2.0	< 10	IS-3025 (1	P-3	89) RA2019				

**Conformity Statement**: Water sample is within permissible limits prescribed by MPCBw.r.t. above mentioned tests.

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Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Iccua Dato: 10/02/2024

Ref: AESPL/LAB/C/WP-24/03/03

<b>Ref:</b> AESPL/LAB/C/W	P-24/03/03	3	Issue Date: 10/03/2024									
Name of Customer &	: Go	odrej	In	dustries L	td							
Contact Details	Pi	rojsh	an	agar, East	ern Express l	Highway						
		Vikroli East, Mumbai – 400079										
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com										
Name of Site												
Name of Site		Godrej Industries Ltd. Ambernath Plant. Dist-Thane										
					ust- i nane							
Description of Sample		orkpl										
Location of Sampling	: A(	)S pla	nt	near scrub	ber							
Date of Sampling	: 02	/03/	202	24								
Sampling Time	: 10	:00 to	o 1	0:30 hr.	Duration		:	30 min.				
Sample Drawn By	: AI	ESPL			Transported	d By	:	AESPL				
Date of Sample Receipt	: 02	/03/	202	24	Sample		••	A-24/03/03				
Sample Quantity &	: RS	SPM-1	ра	per; SPM-1	NRD Cap.							
Date of Sample Analysis			3/2024 to 07/03/2024									
Sampling Environmental	Condition	S	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition	1		: Filter papers in plastic container									
Sampling Equipment			:	RDS-I-09								
<b>Calibration Status</b>			:	Calibrate	d on 29/12/20	023 due on	29	9/12/2024				
Project/ Job number			:	PO#2527	006419 DT. 0	9.05.2023						
Reference of Sampling			:	AESPL/L	AB/QR/7.3.3/	R-02						
Method of Sampling & Pr	eservation			AESPL/L	AB/SOP/7.3.1	/WP-01						
<b>Environmental Condition</b>	Environmental Condition while				Temperature:	27.6°C and	lΗ	umidity: 69%				
Parameter	Result			Limits a	s per	Method	of	sampling & analysis				
SPM, mg/m <sup>3</sup>	0.370	15r	-			IS 5182 (	IS 5182 (Part 23) RA2017					
RSPM, mg/m <sup>3</sup>	0.200	5m	5mg/m³ [OSHA (PEL)] IS 5			IS 5182 (	IS 5182 (Part 23) RA2017					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

Ref: AESPL/LAB/C/V	VP-24/0	ļ	<b>Issue Date:</b> 10/03/2024									
Name of Customer &	:	Go	drej	In	dustries L	td						
Contact Details		Pi	rojsł	nan	agar, East	ern Express	Highway					
		Vi	Vikroli East, Mumbai – 400079									
		Mr	Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.co									
Name of Site	1:		Godrej Industries Ltd.									
			,		th Plant. D							
Description of Sample			orkp			ist indire						
Location of Sampling		_			Plant - 2 <sup>nd</sup>	floor						
Date of Sampling			/03/									
Sampling Time		1:0	00 to	1:3	30 hr.	Duration		:	30 min.			
Sample Drawn By		AE	SPL			Transported	d By	••	AESPL			
Date of Sample Receipt		02	/03/	/2024 <b>Sample</b>				:	A-24/03/04			
Sample Quantity &				_	per; SPM-1	· · · · · · · · · · · · · · · · · · ·						
Date of Sample Analysis			4/03/2024 to 07/03/2024									
Sampling Environmenta		tions										
Transportation Condition	on		: Filter papers in plastic container									
Sampling Equipment				:		<u>ıme Sampler R</u>						
Calibration Status				:		d on 29/12/20		29	0/12/2024			
Project/ Job number				:	PO#2527	006419 DT. 0	9.05.2023					
Reference of Sampling				:		AB/QR/7.3.3/						
Method of Sampling & P				:		AB/SOP/7.3.1 <sub>.</sub>						
	<b>Environmental Condition while</b>					Temperature:						
Parameter	Resu	ılt			Limits a	s per	Method	of	sampling & analysis			
SPM, mg/m <sup>3</sup>	0.36	2	151	15mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017					
RSPM, mg/m <sup>3</sup>	0.11	4	5m	mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017					

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

Ref: AESPL/LAB/C/V	/05	<b>Issue Date:</b> 10/03/2024												
Name of Customer &		:	Godrej In	Godrej Industries Ltd										
Contact Details			Pirojshan	aga	r, East	ern Express H	ighway							
				/ikroli East, Mumbai – 400079										
				fr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrej										
Name of Site		•	Godrej In											
		-	,			ist-Thane								
Description of Sample		:	Workplace		iaiit. D	ist-i iiaiie								
Location of Sampling		:	SPD Bag Fi		Δrea									
Date of Sampling		:	02/03/202		STITCA									
Sampling Time		÷	11:00 to 1		) hr.	Duration		•	30 min.					
Sample Drawn By		:	AESPL			Transported	Bv	:	AESPL					
<b>Date of Sample Receipt</b>		:	02/03/202	24	Sample			:	A-24/03/05					
Sample Quantity &		:	RSPM-1pa		; SPM-1				, ,					
Date of Sample Analysis	5	:	04/03/202											
Sampling Environmenta	al Cond	liti	ons	: Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.										
Transportation Condition	on			:	Filter papers in plastic container									
Sampling Equipment				:	High Volume Sampler RDS-I-07									
Calibration Status				:		ated on 29/12/			1 29/12/2024					
Project/ Job number				:		527006419 DT.		23						
Reference of Sampling				:		L/LAB/QR/7.3.3								
Method of Sampling & F				:		L/LAB/SOP/7.3								
Environmental Condition				:					d Humidity: 69%					
Parameter	Parameter Result				Limit	s as per	Me	tho	od of sampling &					
							analysis							
SPM, mg/m <sup>3</sup>	0.3	321	1	15mg/m <sup>3</sup> [OSHA (PEL)]			IS 5182 (Part 23) RA2017							
RSPM, mg/m <sup>3</sup>	0.1	124	5	5mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA2017							

# PEL-Permissible Exposure Limit.

Conformity Statement: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

P. C. AECDI /LAD /C /WD 24 /02 /04												
Ref: AESPL/LAB/C	C/WP-24/0					Issue Dat	e	: 10/03/2024				
Name of Customer &	:	Godrej	Indu	stries L	td							
Contact Details		Pirojsh	anag	ar, East	ern Express	Highway						
			Vikroli East, Mumbai – 400079									
						il: abhiiit.ka	na	ase@godrejinds.com				
Name of Site		+		stries L		uemjiwiw		MOU O BOULDJII GOVE OIII				
Name of Site	•	_										
				Piant. D	ist-Thane							
Description of Sample		ace										
Location of Sampling	:	Flaker F										
Date of Sampling	:	02/03/2										
Sampling Time	:	11:00 to	11:3	30 hr.	Duration		:	30 min.				
Sample Drawn By	:	AESPL			Transported	d By :	•	AESPL				
Date of Sample Recei	pt :	02/03/2	2024		Sample		:	A-24/03/06				
Sample Quantity &	:	RSPM-1	pape	r; SPM-1	NRD Cap.							
<b>Date of Sample Analy</b>	sis :	04/03/2	2024	to 07/0	3/2024							
Sampling Environmen	ntal Condit	ions	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Cond	ition		:	: Filter papers in plastic container								
Sampling Equipment				High V	Volume Sampl	er RDS-I-09						
<b>Calibration Status</b>				Calibr	ated on 29/12	2/2023 due d	or	1 29/12/2024				
Project/ Job number				PO#2	527006419 D'	Γ. 09.05.202	3					
Reference of Samplin	g			AESP	L/LAB/QR/7.3	3.3/R-02						
Method of Sampling &	& Preserva	tion		AESP	L/LAB/SOP/7	.3.1/WP-01						
<b>Environmental Condi</b>	tion while	Testing		Ambie	ent Temperatı	ire: 27.6°C a	n	d Humidity: 69%				
Parameter				Limits	s as per	Method of	f	sampling & analysis				
SPM, mg/m <sup>3</sup>	0.30				15mg/m³ [OSHA (PEL)] IS 5182 (Part 23) RA2017							
RSPM, mg/m <sup>3</sup>	0.13	0.132 5r			[Smg/m <sup>3</sup> [OSHA (PEL)] IS 5182 (Part 23) RA2017							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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Testing Laboratory is certified by **ISO 9001:2015**&**ISO 45001:2018**Recognized by **MoEFCC** as "**Environmental Laboratory**" valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Iccua Dato: 10/02/2024

Ref: AESPL/LAB/C/WP-24/03/07

<b>Ref:</b> AESPL/LAB/C/W	/P-24/03/	'07	Issue Date: 10/03/2024										
Name of Customer &	:	Godrej Ir	ıdı	ıstries L	td								
Contact Details		Pirojshai	nag	gar, East	ern Express I	Highway							
				_	ai – 400079	0 )							
			Ar. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com										
Name of Site													
Name of Site		Godrej Industries Ltd.											
		Ambernath Plant. Dist-Thane											
Description of Sample		Workplace											
Location of Sampling		•	AOS plant										
Date of Sampling		02/03/20											
Sampling Time	:	2:30 to 3:	00	hr.	Duration		:	30 min.					
Sample Drawn By		AESPL			Transported	l By	:	AESPL					
Date of Sample Receipt		02/03/20	)24	ŀ	Sample			A-24/03/07					
Sample Quantity &		$SO_2$ -30ml	X	1No.									
<b>Date of Sample Analysis</b>		04/03/20	)24	to 07/03	3/2024								
Sampling Environmenta	l Conditio	ons	: Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.										
Transportation Condition	n		:	: Filter papers in plastic container									
Sampling Equipment			:	RDS-I-09									
Calibration Status			:	Calibra	ted on 29/12/	2023 due o	n	29/12/2024					
Project/ Job number			:	PO#252	27006419 DT.	09.05.202	3						
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02							
Method of Sampling & P	reservatio	on	:	AESPL/	LAB/SOP/7.3	.1/WP-01							
<b>Environmental Conditio</b>	n while T	esting	:	Ambien	t Temperatur	e: 27.6°C a	nd	Humidity: 69%					
Parameter	Result			Limits as	s per	Method	ethod of sampling & analysis						
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	4 13 mg/m³ [OSHA			(PEL)]	IS 5182 (Part 2) RA2017							
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	8 NA [OSHA (PEL)] IS 5182 (Part 2) RA2017											

#### PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil. (Authorized Signatory)



Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024 **Laboratory**: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, **CIN**: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

# Test Report (Workplace)

Iccua Dato: 10/02/2024

Ref: AESPL/LAB/C/WP-24/03/08

Ref: AESPL/LAB/C/W	/P-24/03	3/08	Issue Date: 10/03/2024										
Name of Customer &	:	Godrej l	Godrej Industries Ltd										
Contact Details		Pirojsha	anag	gar, East	ern Express I	Highway							
		-	Vikroli East, Mumbai – 400079										
			Mr. Abhijit Kanse 770982586, Email: <u>abhijit.kanase@godrejinds.com</u>										
Name of Site	<u> </u>					ii. <u>uomjit.ik</u>	um	use e goarejmas.com					
Name of Site	'	Godrej											
				Plant. D	ist-Thane								
Description of Sample	:	Workpla											
Location of Sampling	:			round flo	oor								
Date of Sampling	:	02/03/2	2024										
Sampling Time	:	1:45 to 2	2:15	hr.	Duration		:	30 min.					
Sample Drawn By	:	AESPL			Transported	l By	:	AESPL					
Date of Sample Receipt	:	02/03/2			Sample		:	A-24/03/08					
Sample Quantity &	:	nMHC-1	Blad	lder; SPM	I-1NRD Cap.								
<b>Date of Sample Analysis</b>	:	04/03/2	2024	024 to 07/03/2024									
Sampling Environmenta		ions	:	Temperature: 28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.									
Transportation Condition	n		:	: Filter papers in plastic container									
Sampling Equipment			:	High Vo	olume Samplei	· RDS-I-09							
Calibration Status				Calibra	ted on 29/12/	2023 due c	n	29/12/2024					
Project/ Job number			:	PO#25	27006419 DT.	09.05.2023	3						
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02							
Method of Sampling & P	reservat	tion	:	AESPL/	LAB/SOP/7.3	.1/WP-01							
<b>Environmental Conditio</b>	n while	Testing	:	Ambier	nt Temperatur	e: 27.6°C aı	nd	Humidity: 69%					
Parameter	Re	sult			s as per			sampling & analysis					
SPM, mg/m <sup>3</sup>	0.3	380	15ı	mg/m³ [0	OSHA (PEL)] IS 5182 (Part 23) R.		rt 23) RA2017						
nMHC, ppm	0.	26	NA [OSHA (PEL)] AF			APHA134-Air 3 <sup>rd</sup> Edition							

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

#### Note:

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Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

# **Test Report** (Workplace)

Pof. ACCDI /I AD /C /AND 24 /02 /00												
Ref: AESPL/LAB/C/W	<del></del>					Issue Da	te	: 10/03/2024				
Name of Customer &	:   G	odrej Ir	ıdu	ıstries L	td							
Contact Details	P	irojshai	าลย	gar, East	ern Express	Highway						
		Vikroli East, Mumbai – 400079										
		Mr. Abhijit Kanse 770982586, Email: abhijit.kanase@godrejinds.com										
Name of Site		Godrej Industries Ltd.										
Nume of Site		•										
D : .:				Plant. D	ist-Thane							
Description of Sample		<u>'orkplac</u>										
Location of Sampling		oiler hou										
Date of Sampling		2/03/20										
Sampling Time	: 12	2:00 to 1	L2:3	30 hr.	Duration		:	30 min.				
Sample Drawn By	: A	ESPL			Transported	d By	:	AESPL				
Date of Sample Receipt	: 02	2/03/20	)24	:	Sample		:	A-24/03/09				
Sample Quantity &	: S0	$0_2$ -30ml	X 1	lNo.; SPN	1-1NRD Cap.							
Date of Sample Analysis	: 04	4/03/20	)24	to 07/03	3/2024							
Sampling Environmental	Condition											
Transportation Conditio	n		: Filter papers in plastic container									
Sampling Equipment			••	High Vo	lume Samplei	RDS-I-09						
Calibration Status			:	Calibra	ted on 29/12/	'2023 due o	n	29/12/2024				
Project/ Job number			:	PO#252	27006419 DT.	09.05.2023	}					
Reference of Sampling			:	AESPL/	LAB/QR/7.3.3	3/R-02						
Method of Sampling & Pr	eservation	1	••	AESPL/	LAB/SOP/7.3	.1/WP-01						
<b>Environmental Condition</b>	Environmental Condition while Testing					e:27.6°C an	d I	Humidity: 69%				
Parameter	Result			Limits as		Method of sampling & analysis						
SO <sub>2</sub> , mg/m <sup>3</sup>	0.036	13 mg	-			IS 5182 (Part 2) RA 2017						
SPM, mg/m <sup>3</sup>	0.348	15 mg	5 mg/m³ [OSHA (PEL)]			IS 5182 (Part 23) RA 2017						

PEL-Permissible Exposure Limit.

**Conformity Statement**: The monitoring undertaken indicates that Workplace Air Quality Values for monitored parameters are within the levels stipulated under OSHA (PEL).

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# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R22) No:- Format1.0/CAC/UAN No.0000112073/CO/2305001017

To, M/s. Godrej Industries Ltd. Plot No. 73, Additional Ambernath, MIDC, Anand Nagar Dist- Thane,



Date: 15/05/2023

Sub: Grant of Amendment in Consent to Operate with change in product under Product-Mix

Ref:

- 1. Consent to Operate granted vide No. Format 1.0/CAC/UAN No. 0000087690/CR-2006000744 dated 17/6/2020
- 2. Environmental Clearance granted vide No. F No. J-11011/612/2010-IA. II (I) dated 13/9/2012 which amended on 11/12/2012
- 3. Minutes of Technical Committee Meeting held on 31/7/2021
- 4. Minutes of 9th Consent Appraisal Committee meeting held on 25/1/2022
- 5. Consent to Operate granted vide No. Format 1.0/CAC/UAN No. 0000112073/CO/2204000719 dated 12/4/2022
- 6. Industry request dated 25/8/2022

Your application No.MPCB-CONSENT-0000112073 Dated 02.04.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- 1. The consent to operate is granted for a period up to 28/05/2025
- 2. The capital investment of the project is Rs.431.5185 Crs. (As per C.A Certificate submitted by industry Existing Cl is-Rs. 426.951 Crs + Increase in C.I. Rs. 4.5675 Crs)
- 3. Consent is valid for the manufacture of:

Sr No	Product	Existing Quantity	Proposed Quantity	Total	иом
Prod	ucts				
	Monocarboxillic Fatty Acid	0	0	0	NA
	Fractionated Fatty Acid	16000	16000	16000	MT/A
1	Distilled Fatty Acid & Specialty Fatty Acid	2000	2000	2000	MT/A
	Oleic Acid	10000	10000	10000	MT/A
	Stearic Acid	32000	31500	31500	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	иом
2	Organic Surface-active agent (Surfactants), detergents	17000	17000	17000	MT/A
3	Glycerin	10800	10800	10800	MT/A
4	Fatty Easters and Condensates	0	500	500	MT/A

Total Production Quantity- 87800 MT/A

# 4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	460	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	50	As per Schedule-I	Recycle 100% to achieve ZLD

# 5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Hot Air Generator	1	As per Schedule -II
2	S-2	HP Boiler (2 No 1 Standby Boiler) & MP Boiler	1	As per Schedule -II
3	S-3	LP Boiler (02 Nos)	1	As per Schedule -II
4	S-4	Thermic fluid heater for erucic plant & distillation plant	1	As per Schedule -II
5	S-5	Thermosyphon heater for distillation plant (02 Nos)	1	As per Schedule -II
6	S-6	Thermic fluid heater	1	As per Schedule -II
7	S-7	process stack AOS plant	1	As per Schedule -II
8	S-8	Process stack for spray dryer	1	As per Schedule -II
9	S-9	DG set (1.5 MW)	1	As per Schedule -II

#### 6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	wooden,MS,Aluminium, plastic and paper scrap	610	MT/A	Sale	Sale to authorized party
2	Pitch Oil	3600	MT/A	NA	Used as fuel in boiler/sale to authorised party
3	Briquette Ash	10	MT/Day	Sale	Sale to Brick Manufacturer
4	Empty drums and carboys(20 Ltrs to 200 ltrs)- Decontaminated	11700	Nos./Y	Sale	Sale to authorized party

# 7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	3	MT/A	Recycle	Sale to authorised party
2	5.2 Oil soaked Cotton Waste	1	MT/A	Incineration	CHWTSDF
3	15.2 Discarded asbestos	2	MT/A	Landfill	CHWTSDF
4	17.2 Spent Catalyst (Vanadium Pentoxide)	01	MT/A	Recycle*	sale to authorized party/Recycler
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	500	MT/A	Recycle*	Sale to authorised party
6	35.2 Spent ion exchange resin containing toxic metals	03	MT/A	Incineration	CHWTSDF
7	35.3 Chemical sludge from waste water treatment	1000	MT/A	Landfill	CHWTSDF
8	37.3 Concentration or evaporation residues	600 <sup>H   E  </sup>	MT/A	Landfill	CHWTSDF
9	Used RO Membrane	1.2	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
10	28.3 Spent carbon	01	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
11	Used Glass Wool	05	MT/A	Landfill	CHWTSDF
12	Used Filter Bags	02	MT/A	Incineration	CHWTSDF
13	5.2 Oil Filters/Oil Seperator	01	MT/A	Incineration	CHWTSDF
14	ESP Residue	72	MT/A	Incineration	CHWTSDF
15	Sch II-A-68 Spent Nickel Catalyst	85	MT/A	Landfill/ Recycle*	Sale to authorised party / CHWTSDF
16	Sulphuric Acid	240	MT/A	Recycle*	Sale to authorised party

<sup>\*</sup> Sale to Authorized Party having permission under H &OW Rule

## 8. Conditions under E-Waste Management:

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-waste	1.00	MT/A	Sale to Authorized Party

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.

- 10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 11. This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format 1.0/CAC/UAN No. 0000087690/CR-2006000744 dated 17/6/2020
- 12. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. F No. J-11011/612/2010-IA. II (I) dated 13/9/2012 which amended on 11/12/2012 and comply with all the conditions stipulated in Environmental Clearance & ensure display /upload of six monthly compliance monitoring report on their official website
- 13. Industry shall ensure connectivity of OCEMS data to Board's server and transmit the data continuously
- 14. The applicant shall not manufacture any other product for which permission is not granted by the Board
- 15. This consent is issued pursuant to the decision of Minutes of the Meeting of Technical Committee for change in product mix Dated. 31/7/2021. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by empaneled auditors. If any violation and / or submission of misleading information are noticed, then the consent issued will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance
- 16. This consent is issued overriding effect to earlier consent issued vide No. Format 1.0/CAC/UAN No. 0000112073/CO/2204000719 dated 12/4/2022
- 17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
- 18. This consent is issued as per minutes of Technical Committee under product mix held on 31/7/2021 and minutes of Consent Appraisal Committee meeting held on 25/1/2022
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

### **Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	60000.00	TXN2104001318	20/04/2021	Online Payment
2	863037.00	TXN2202002765	21/02/2022	Online Payment

### Copy to:

- 1. Regional Officer, MPCB, Kalyan and Sub-Regional Officer, MPCB, Kalyan II
- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai

#### **SCHEDULE-I**

### Terms & conditions for compliance of Water Pollution Control:

- 1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 550.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Reverse osmosis, Multi effective evaporator) for the treatment of 460 CMD of trade effluent.
  - B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- 2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.
  - B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.
- 3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	774.00
2.	Domestic purpose	62.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	135.50
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	20

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

## **SCHEDULE-II**

# Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Hot Air	Stack	28.75	LDO 85 Ltr/Hr	1.80	TPM	150 Mg/Nm³
3-1	Generator	Stack	20.73	PNG 100 SCM/Hr	-	SO2	64 Kg/Day
	HP Boiler (2	Stack		FO+pitch oil/LSHS+pitch oil (70:30 ratio) 136 Ltr/Hr	4.5	ТРМ	150 Mg/Nm³
S-2	Nos- 1 Standby)		46.00	PNG 171 SCM/Hr	-	SO2	293 Kg/Day
3-2	MP Boiler	Stack	40.00	FO+pitch oil/LSHS+pitch oil(70:30 ratio) 392 Ltr/Hr	4.5	ТРМ	150 Mg/Nm³
				PNG 1820 SCM/Hr	-	SO2	846.70 Kg/Day
	LP Boiler	Stack	महारा	FO+pitch oil/LSHS+pitch oil(70:30 ratio) 1446 Ltr/Hr	4.5	TPM	150 Mg/Nm³
S-3		· ·	46.00	PNG 1820 SCM/Hr	-	SO2	694 Kg/Day
	LP Boiler	Scrubber		Briquette 65	0.2	TPM	150 Mg/Nm³
	Li Bollei	Scrubber		MT/Day	0.2	SO2	260 Kg/Day
	Thermic Fluid Heater for	Stack		FO/LDO 200 Ltr/Hr	4.5	TPM	150 Mg/Nm³
S-4	Erucic Plant	Stack	20.00	PNG 305 SCM/Hr	-	SO2	432 Kg/Day
5-4	Thermosyphon heater for	Stack	38.00	FO/LDO 125 Ltr/Hr	4.5	TPM	150 Mg/Nm³
	distillation Plant	Stack		PNG 229 SCM/Hr	-	SO2	270 Kg/Day
	Thermosyphon heater for	Stack		FO/LDO 58 Ltr/Hr	4.5	TPM	150 Mg/Nm³
S-5	distillation Plant		38.00	PNG 89 SCM/Hr	-	SO2	125 Kg/Day
	Thermosyphon heater for			FO/LDO 65 Ltr/Hr	4.5	TPM	150 Mg/Nm³
	distillation Plant	2-3-0.1		PNG 99 SCM/Hr	-	SO2	140 Kg/Day

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard	
S-6	Boiler	Scrubber	38.00	Briquette 300	0.20	TPM	150 Mg/Nm³	
3-0	Doller	Scrubber	30.00	Kg/Hr	0.20	SO2	29 Kg/Day	
S-7	Process stack	Scrubber	30.00			SO2 (process)	50 PPM	
3-7	AOS Plant	ESP	30.00		-	Acid Mist	35 Mg/Nm³	
S-8	Process Stack for Spray Dryer	Fabric Bag Filter Cyclone	28.75	ı	-	ТРМ	150 Mg/Nm³	
S-9	DG Set (1.5	Acoustic Enclosure	HSD 300	, HSD 300	HSD 300	1	TPM	150 Mg/Nm³
3-9	MW)	Stack	closure   30.00   <sub>Ltr/Hr</sub>		1	SO2	126 Kg/Day	

Industry shall use cleaner fuel instead of Furnace Oil

- 2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- 3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

# SCHEDULE-III Details of Bank Guarantees:

Sr. No		Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	25 Lakh	15 Days	Towards O&M of Pollution Control System and Compliance of Consent & EC conditions	28/2/2025	31/8/2025

## **BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG		Reason of BG Forfeiture
NA						

#### **BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned	
NA					

### **SCHEDULE-IV**

#### **General Conditions:**

- 1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
- 2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
- 4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
- 5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
  - 1. **Collection of WEEE** The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.
    - **Storage for disassembled parts:** The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.

- 2. Storage for other components and residues:Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with team.
- 3. **Balances:** WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste'. The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
- 4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.
- 5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
- 6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDF.
- 7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
- 8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.
- 9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
- 10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
- 11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
- 6. The Energy source for lighting purpose shall preferably be LED based
- The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
- 8. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 9. The applicant shall maintain good housekeeping.
- 10. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 11. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 12. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
- 16. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 17. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 18. The PP shall provide personal protection equipment as per norms of Factory Act
- 19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 20. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 21. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.

- 22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 24. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 25. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 27. The industry should not cause any nuisance in surrounding area.
- 28. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 29. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
- 30. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 31. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 32. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 34. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.

- 35. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
- 36. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 37. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 38. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.



### Varsha Kalange

From: Varsha Kalange
Sent: 08 March 2022 17:21

**To:** EC Compliance Maharashtra

Cc: Saket Kumar

**Subject:** Re: Review of Six monthly compliance status report

Attachments: Reply to shortcomings observed in six Monthly EC Compliance report Jul21-

Dec21.pdf

### Respected Sir,

We are in receipt of your email on 18.02.2022, containing letter vide no. F. No. EC-1443/RON/2022-NGP/9338 regarding shortcomings observed in six monthly EC compliance report submitted by us for period of July 2021 to December 2021.

In this subject, we are submitting our reply to the shortcoming observed in our above said six monthly EC compliance report.

Hope above is to your satisfaction.

### Thanks & Regards.

From: EC Compliance Maharashtra <eccompliance-mh@gov.in>

**Sent:** Friday, February 18, 2022 4:48 PM **To:** Varsha Kalange <varsha@aespl.co.in> **Cc:** Saket Kumar <ec-rdw.cpcb@gov.in>

Subject: Review of Six monthly compliance status report

### Ma'am,

This is with reference to the six monthly compliance report submitted for the period July 2021 to December 2021.

Herewith attaching the letter stipulating shortcomings observed while reviewing six monthly compliance report by Godrej Industries Ltd., email dated 10.01.2022 kindly submit the needful to proceed further.

Regards, Himani S. Consultant IRO, MoEF&CC, Nagpur



Speed post receipt for submission of Reply to shortcomings observed in six Monthly EC Compliance report July, 2021-December, 2021 to Regional Officer, MOEF&CC, New Delhi for project "Godrej-Ambernath"



Godrej Industries Ltd.

Plot No. N-73, Additional Ambernath Industrial Area, Anand Nagar, Village - Jambivli, Ambernath (E), Dist. Thane - 421 506. India. Tel.: +91-251-262 4000 Website: www.godrejinds.com

Ref. No. -

Dated: 07.03.2022

To,
Regional Office
Ministry of Environment Forest and Climate Change
Gorund Floor, East Wing,
New Secretariat Building
Civil Lines, Nagpur - 440001

Subject

: Reply to shortcomings received for Six Monthly EC Compliance Report submitted for period July 2021 to December 2021.

Reference :

1. Your letter no. F. No. EC-1443/RON/2022-NGP/9338 dated 18.02.2022

- Environmental Clearance EC No. J-11011/612/2010-IAII (I) dated 13th Sep 2012 & EC No. J-11011/612/2010-IA II(I) Dt. 11th December 2012.
- Consent to Operate No.: Format 1.0/CAC/UAN No. 0000087690/CR-2006000744 dated 17.06.2020, Valid upto: 28/02/2025

Dear Sir,

We are having our organic chemicals manufacturing unit located at Plot No. N-73, GB-1/1, Addnl. Ambernath, MIDC, Anand Nagar, Ambernath, Dist. Thane – 421506. We have been granted Environmental Clearance for same from SEIAA & Consent to operate is granted by Board (Vide reference 2 & 3 given above).

Our project is for manufacturing of Organic Chemicals with total capacity of 87, 800 MTPA, Maharashtra Pollution Control Board has permitted us manufacturing of organic chemicals with Glycerin 10,800 MTPA as product. Manufacturing activities are started at site from October 2013.

We are in receipt of your letter vide no. F. No. EC-1443/RON/2022-NGP/9338 dated 18.02.2022 (reference 1 given above) regarding shortcomings in six monthly EC compliance report submitted by us for period of July 2021 to December 2021.

The reply to the shortcomings observed in our above said Six Monthly EC Compliance Report is as given below:

Sr. No.	Shortcomings	Reply
	Specifi	ic Condition
1)	Condition No. i) The condition referring to maintaining National Emission	This observation is noted & we are regretting for same. Corrected reply for same is given as below.



Standards whereas the compliance status mentioning effluent characteristics and monitoring report of the same, which is incorrect

We are regularly monitoring every stack at site to maintain National Emission Standards at our unit. Reports for the period July 2021 - December 2021 were submitted along with the compliance report. Copy of the latest analysis report are enclosed as Annexure - I(A)

We are also conducting regular Ambient Air Quality Monitoring in and around our unit premises. Reports for the period July 2021 – December 2021 were submitted along with the compliance report. Copy of the latest Ambient Air Quality Monitoring Reports enclosed as **Annexure – I (B)**.

# 2) Condition No. ii)

Details of automatic modulation control system is not provided with the compliance status report. Annexure III is not illegible. Letter submitted to MoEF stipulating compliance to specific conditions needs to be resubmitted.

We have provided automatic modulation control system by Thermax Limited, Pune. Technical specification of boiler automatic modulation control system is enclosed herewith as Annexure – II (A) and II (B).

We have also provided LMV5 Burner Management System (BMS) for the Boiler. Details for the same are enclosed as **Annexure – II (C)**.

Stack with adequate height has been provided as per MPCB norms.

Details of Boiler with stack height provided at site is as given below:

Sr. No.	Stack attached to	Stack Height
1.	HP Boiler (2 Nos.1 as standby)	46 mtrs
2.	MP Boiler	
3.	LP Boiler (2 Nos.1 as standby)	46 mtrs

Copy of the letter submitted to MoEF stipulating compliance to specific conditions dated 22.10.2018 along with its Enclosure and its Speed Post receipt is enclosed as **Annexure** - **III** 

3) Condition No. iii)

Process stacks connected to sulphonator in Alfa Olefin Sulphonate plant is provided with

	Details of monitoring efficiency of scrubber and frequency of same shall be provided.	electrostatic precipitator (ESP) and alkali scrubber to control SO2 emission below 50 mg/m3. Efficiency
		of scrubber is monitored regularly and maintain properly.
		Technical details with diagram of ESP, Scrubber, and treatment of scrubbing media are enclosed as <b>Annexure - IV</b> .
		AOS scrubber process stack is monitored monthly for SOx, NOx, Acid Mist & Oxides of Nitrogen. Copy of the latest report for AOS scrubber process stack enclosed as <b>Annexure</b> - V
4)	Condition No. iv) Provide direct link of website where monitoring data are regularly update	The levels of PM10, SO2, NOX, CO and VOC are monitored in the ambient air and displayed at the main gate of the company and at important public places along with its limiting standards as per Consent to Operate granted from Maharashtra Pollution Control Board. Photograph of Notice Board displayed on main gate of industry is enclosed herewith as <b>Annexure</b> – <b>VI</b> .
		We will upload monitoring data on www.godrejinds.com website regular basis.
5)	Condition No. vi) Piping layout of closed handling system. reflux condenser, leak	
	detection system and acid transportation line along with details of cathodic protection to	Block Diagram of Unloading & Consumption Closed System of Chemical NaOH and H2SO4 is enclosed as Annexure VII
	underground storage tank shall be provided.	List of Gas detected provided at various location is enclosed as <b>Annexure VIII</b>
6)	Condition No. x) Process flow diagram of ZLD along with water balance should be provided.	
7)	Condition No. xii) Annual Hazardous Waste returns form (Form IV) need to be submitted	The second secon

	along with receipt of receiving spent carbon from cement industry	to Ch	ermitted by MPCI HWTSDF i.e. TTO icate is enclosed	CWMA. Copy	of Membership			
8)	Condition No. xii)  Details of emergency plan and firefighting facilities implemented onsite shall be provided.	as A	of Onsite Emergonnexure - XIII sed as Annexure	and Fire Hyd				
9)	GENERAL GENERAL	CONI	DITIONS					
,	Condition No. vi)  Details of safety training given to employees to comply occupational health and safety measures along with frequency of it shall be provided.	safety empl exam regul Train impa	rted.	ect of chemica routine peri- employees is rees on handling endar for yea	ds handling Pre- odical medical			
10)	Condition No. xii)  Expenditure made on environmental		Environmental Management Plan for manufacturing unit is as given below:					
	Expenditure made on environmental measures shall be provided.	Sr. Environmental		O & M Cost				
		No	Protection Measures	Capital	Recurring			
		No 1.		Rs. 450	Recurring Rs. 50 lacs / annum			
		1.0.5	Measures	Rs. 450	Rs. 50 lacs /			
		1.	Measures ETP	Rs. 450 lacs	Rs. 50 lacs / annum Rs 20.0 lac /			
		1. 2. 3. Expe	Measures ETP SWM RWH	Rs. 450 lacs NA Rs 20 lac environment ven below:	Rs. 50 lacs / annum Rs 20.0 lac / annum Rs 2.0 lac/ annum annum			
	Additi	1. 2. 3. Experimental Experimen	Measures ETP SWM RWH enditure made on ary 2022 is as given Rs 3.9 Crore I: Rainwater Har	Rs. 450 lacs NA Rs 20 lac environment ven below:	Rs. 50 lacs / annum Rs 20.0 lac / annum Rs 2.0 lac/ annum annum			
1)	Additi	1. 2. 3. Expe	Measures ETP SWM RWH enditure made on ary 2022 is as given Rs 3.9 Crore It: Rainwater Hare	Rs. 450 lacs NA Rs 20 lac environment ven below:	Rs. 50 lacs / annum Rs 20.0 lac / annum Rs 2.0 lac/ annum annum			
1)	C. I'll account and	1. 2. 3. Experimental Section 1.  Experimental Section 1.	Measures ETP SWM RWH enditure made on ary 2022 is as given Rs 3.9 Crore It: Rainwater Hare	Rs. 450 lacs NA Rs 20 lac environment ven below: evesting: Rs. 2	Rs. 50 lacs / annum Rs 20.0 lac / annum Rs 2.0 lac/ annum annum cal measures as o			
1)	Copy of latest safety audit report and details of updating safety audit report	1. 2. 3. Experimental Section 1. Copy	Measures ETP SWM RWH enditure made on ary 2022 is as given Rs 3.9 Crore drawater Hare Details Expation Safety & I enclosed as An	Rs. 450 lacs NA Rs 20 lac environment ven below: evesting: Rs. 2 Health audit nexure - XV	Rs. 50 lacs / annum Rs 20.0 lac / annum Rs 2.0 lac/ annum annum cal measures as o			

3)	Details of import of H	
	Chemicals of Hazardous	and the not im-
4)	Details of safety datach	We have not imported any hazardous chemical during last financial year.
	hazardous chemicals being handled at the project	Copy of safety datasheet of hazardous chemicals being handled at the site are enclosed as <b>Annexure</b> – <b>XVIII</b> .
5)	Copy of valid Public Liability	
		Copy of valid Public Liability Insurance enclosed as Annexure - XIX.
6)	Undertaking (duly signed by authorized signatory on the project letter head) for the compliance of applicable rules for handling of hazardous chemicals / hazardous waste.	Undertaking for the compliance of applicable rules for handling of hazardous chemicals / hazardous waste enclosed as <b>Annexure - XXI</b> .

Hope the above is to your satisfaction & oblige.

Thanking You.

Yours faithfully,

For Godrej Industries Limited.

Authorized Signatory

# Photograph of DG set





# MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

Email:- eeambernath@midcindia.org Contact No.:- 0251-2610377.

No.EE/AMB/N-73 / 3848 /of 11, Office of the Executive Engineer, MIDC, (Civil) Division, Ambernath.

Date: - 08/06/2011

M/s. Godrej Industries Ltd., Regd. Office: Pirojshanagar, Eastern Express Highway, Vikhroli (E), Mumbai 400 079.

Sub :-Addl. Ambernath Indl. Area...
Availability of water supply to Plot No. N-73.

Ref :- Your letter No. Nil dated 15/04/2011 and 18/05/2011.

Dear Sir,

To,

In the subject matter it is to inform you that stage wise water supply demand, as mentioned in your letter dated 18/05/2011, with ultimate water demand of 1200 m3/day to your plot can be made available subject to provisions of water supply rules & regulations and prevailing circulars issued by MIDC.

Thanking you.

Yours faithfully

Executive Engineer, MIDC, (Civil) Division Ambernath

Copy to the Deputy Engineer, MIDC, sub division, Addl. Ambemath for information.

Copy to Guard file.

# MAHARASHTRA POLLUTION CONTROL BOARD

ANNEXURE VI

Tel.No. (0251) 2310167/ 2310212

Fax No. (0251) 2310192 Visit uson:www://mpcb.gov.in E.mail:rokalyan@mpcb.gov.in



Regional Office, Kalyan Sidhivinayak Sankul, 3rd & 4th Floor, Near Oak Baug, Station Road, Kalyan (West) - 421 301.

No. MPCB/ROK/Restart/B-138

M/s.Godrej Industries Ltd, Plot No-N-73,MIDC, Additional Ambernath, Dist-Thane.

Date:09.02.2017.

Conditional Restart Directions under section 33A of the Water (P& CP) Act, Sub:

1974 and under section 31A of the Air (P & CP) Act, 1981.

1) Consent to operate granted by MPC Board.

Direction issued by Board vide letter dated 07/07/2016.

Closure Direction issued by Board vide letter dated 02/08/2016.

Restart Direction issued by Board vide letter dated 6.8.2016.

5) MPCB letter dated 28,12,2016 regarding permission for commissioning of New RO Plant & MEE.

Letter from Godrej Industries Ltd dated 30.12.2016 & 17.01.2017.

7) Visit of Regional Officer, Kalyan and Sub-Regional Officer Kalyan-II to your unit on 18.01.2017.

Office Note submitted by SRO Kalyan-II dated 31.01.2017.

This refers to the Conditional Restart directions issued by Board vide letter under ref 4 and Permission for commissioning of New RO Plant & MEE issued by Board vide letter dated 28.12.2016.

Sub-Regional Officer Kalyan-II vide office note dated 31.01.2017 reported that industry has installed and commissioned the RO Plant with capacity 550 CMD Also MEE & ATFD is commissioned & found in operation. Industry has started the Glycerin Distillation plant and Spray Noodler Plant. Effluent generated is treated in RO Plant Followed by MEE. Industry is using the treated water for boiler and cooling tower feeding purpose. No discharge is observed outside premises into CETP drainage Chamber. Industry has provided SCADA control to ETP, RO & MEE separately.

Considering the compliance made by industry, it was decided that the closure direction is withdrawn herewith subject to following terms & conditions.

- 1. You are allowed to operate the Fat Splitting Plant (FSP) with overall effluent generation not exceeding 550 CMD, & Zero Elquid Discharge (ZLD) condition.
- You shall maintain the daily record of Production, Water consumption, effluent generation. its treatment and disposal and submit the same weekly to Sub-Regional Officer, MPCB Kalyan-II
- 3. In case of continuous non-compliance observed, you will be held liable for permanent closure.

contd..2..

- In no case, treated effluent shall be discharge on land or outside the premises.
- 5. You shall Operate and maintain the existing Water and Air Pollution Control System properly so as to achieve the consented standards.
- 6. You shall achieve Zero Liquid discharge (ZLD) upon commissioning of full operational capacity. In case of failure of ZLD, you shall voluntarily suspend the operations forthwith.
- You shall dispose off MEE rejects & R.O. Rejects to CHWTSDF regularly and submit the records at regular interval.
- B. In case of failure of any pollution control system, you shall voluntarily suspend the related manufacturing activity and report to Board office, immediately,

These directions are issued under the powers conferred upon me by the Board under section 33 A of Water (Prevention and control of Pollution) Act, 1974. These directions shall be followed scrupulously, in case of non compliance the Board is constrained to take stringent legal action including closure of unit, which may please be noted.

This is issued with approval of competent authority of the Board.

Regional Officer, Kalyan

# Copy submitted for information to:

- 1) Member Secretary, MPCB Sion Mumbal.
- 2] Principal Scientific Officer, MPCB, Sion, Mumbai
- 3] Law Officer, MPCB, Sion, Mumbal

# Copy f.w.cs to:

Executive Engineer, MIDC, Division Ambernath- He is directed to restore the water supply of the said unit, immediately.

# Copy to:-

1] Sub Regional Officer, MPCB, Kaiyan-II - He is directed to ensure the compliance of restart direction and submit the compliance report time to time.

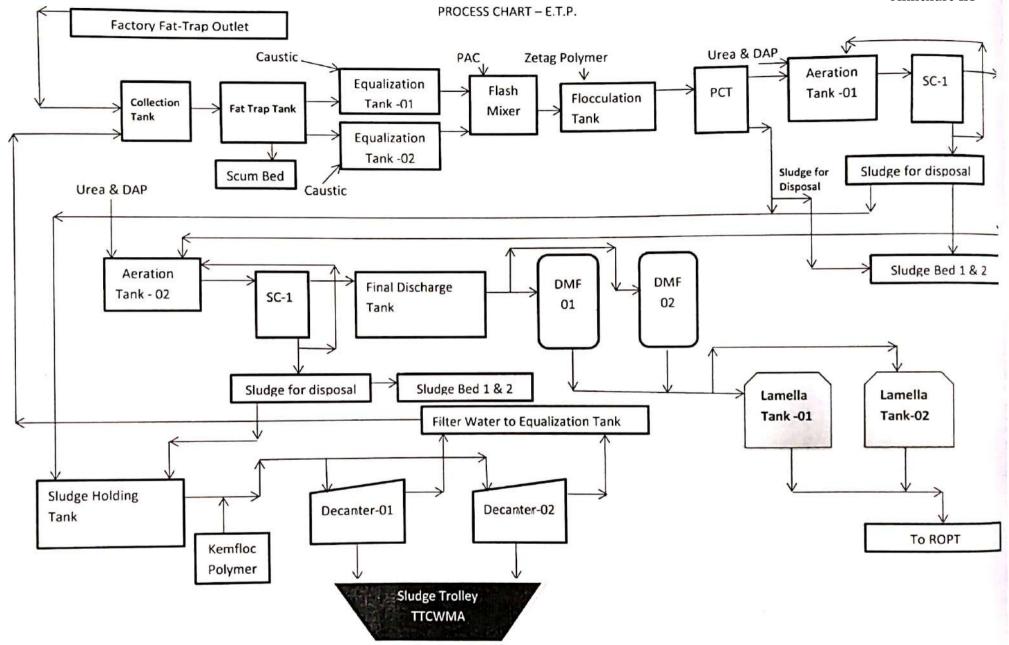
# Effluent and RO permeate data from October 2023 to March 2024

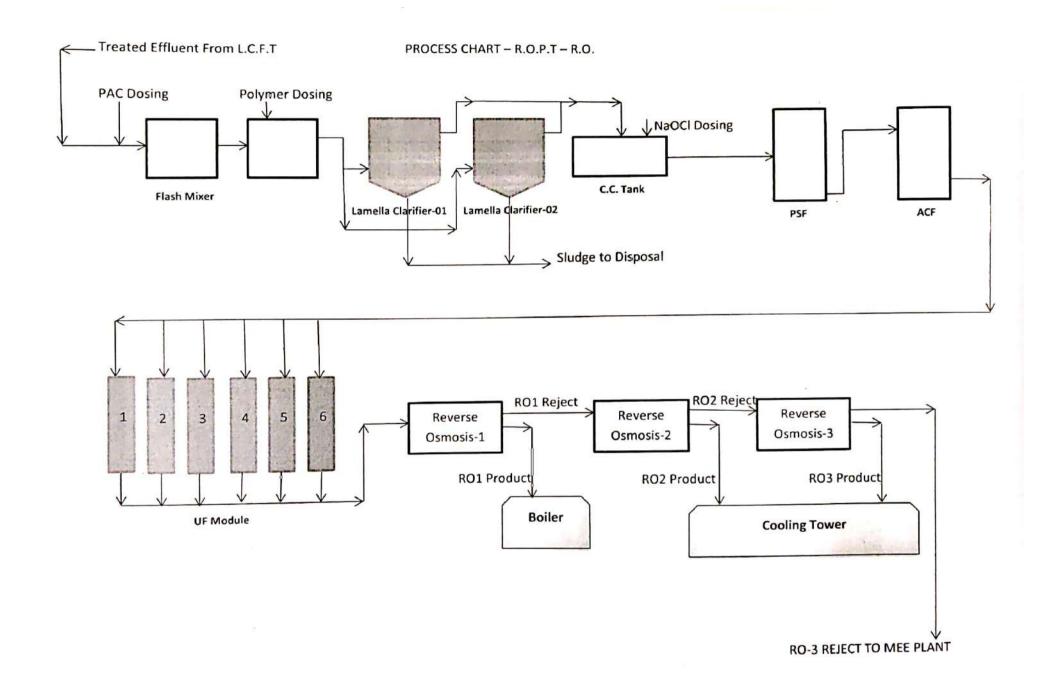
RO Permeate						
Month/Year	Effluent	RO1	RO2	RO3	Total	RO3 reject
		permeate	permeate	permeate	Permeate	
Oct-23	7560	5071	693	337	6101	546
Nov-23	7486	4588	933	383	5904	638
Dec-23	8154	5590	1110	473	7173	769
Jan-24	8343	6039	1058	478	7575	798
Feb-24	7151	4910	1052	445	6407	823
Mar-24	7608	5089	1181	463	6733	883

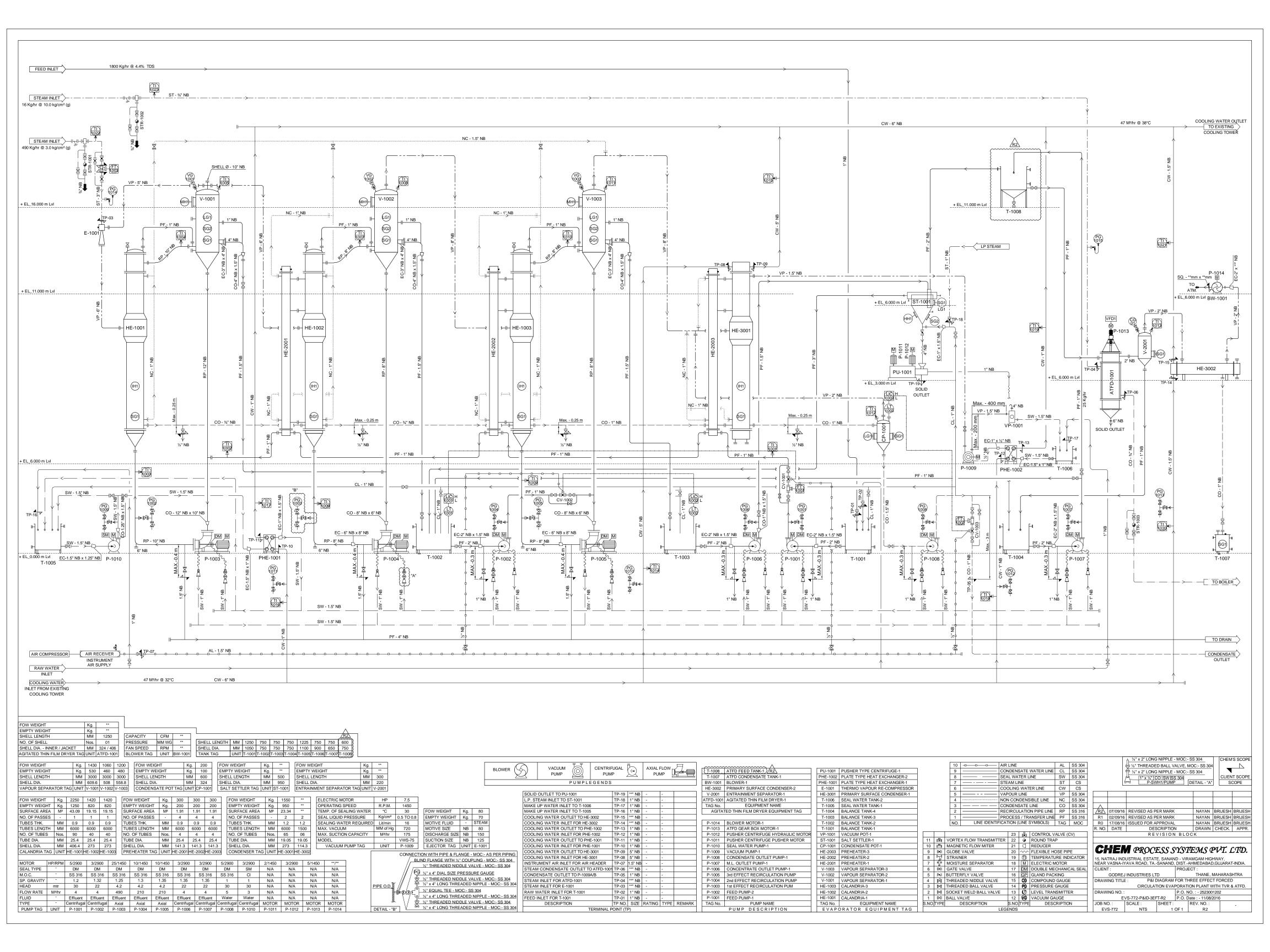
NOTE: Permeate water circulated for maintain RO Feed TDS

# Water Balance Report.

Month/Y	Raw	Sewage	Total Feed	Equalization	Decanter	Etp final	DM reg.	ROPT	Filter	UF	UF	RO1	RO2	RO3	Total	RO3	Total	MEE	MEE
ear	effluent		(Effluent +		Feed	treated	waste	inlet	feed	feed	product	permeate	permeate	permeate	Permeate	reject	Feed	FEED	Condensate
			Sewage)				water												
Oct-23	7368	657	8025	7575	91	7560	220	9008	8174	7845	6927	5071	693	337	6101	546	6647	624.65	792.35
Nov-23	6929	701	7630	7559	490	7486	210	8938	8054	7871	6939	4588	933	383	5904	638	6542	683.5	764.13
Dec-23	8089	284	8373	8766	426	8154	220	10560	9631	9394	8371	5590	1110	473	7173	769	7942	819.05	928.89
Jan-24	8116	319	8435	8709	342	8343	220	10246	9960	8728	6039	6039	1058	478	7575	798	15948	852.39	1046.84
Feb-24	7285	358	7643	7593	152	7151	200	8768	8601	7642	4910	4910	1052	445	6407	823	13637	651.85	929.83
Mar-24	8907	165	8541	9143	831	7608	200	8627	8933	8018	5089	5089	1181	463	6733	883	14349	963.95	1229.46
Total:	46694	2484	48647	49345	2332	46302	1270	56147	53353	49498	38275	31287	6027	2579	39893	4457	65065	4595.4	5691.5









# TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION (PROMOTED BY THANE BELAPUR INDUSTRIES ASSOCIATION)

P-128, SHIL MAHAPE ROAD, NEXT TO L & T INFOTECH LTD. MAHAPE, NAVI MUMBAI-400 710.

TEL.: 27610153/ 27616131/ 27616132, Tel-Fax: 27610153, E-MAIL: ttcwmam@sify.com, ttcwmam@rediffmail.com

Ref No/TTCWMA/2010

4th October, 2010.

To,

M/s. Godrej Industries Ltd. Pirojshanagar, EE Highway, Vikhroli (E), Mumbai 400 079.

# Sub: Membership

M/s. Godrej Industries Ltd. Pirojshanagar, EE Highway, Vikhroli (E), Mumbai 400 079 is admitted as a Member of T. T. C. Common Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF) Mahape, vide our membership No. 356 on 31st December, 2003.

Thanking you,

Yours truly,
For TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION

P.M.SREEVALSAN SITE MANAGER



(PROMOTED BY THANE BELAPUR INDUSTRIES ASSOCIATION)

PIOLNO, P-128, SHIL MAHAPE ROAD, NEXT TO L & T INFOTECH LTD., MAHAPE, NAVI MUMBA - 400 710.

Tel.: 27610153 / 27616131 / 27616132 • Fax: 27610152 E-mail: ttcwmem@gmak.com / Info@ttcwastemanagement.com

Website www.ttcwastemanagement.com



ISO: 9001-2008 Certified

Date: 08.07.2013

To

M/s. Godrej Industries Ltd.

Pirojshanagar,

Eastern Express Highway,

Vikhroli (East), Mumbai,

# Subject: TTCWMA Membership for Godrej Industries.

M/s. Godrej Industries Ltd. is registered with Trans Thane Creek Waste Management Association for the disposals of Hazardous waste vide TTCWMA membership No. 356 issued on 31,12,2003. As informed the industry is relocating and they are happy to continue with the services of TTCWMA for the disposal of Hazardous waste. We are registering your new address N-73, Additional Ambernath MIDC, Dist: Thane in our membership record.

TTCWMA will continue to serve you at your new address based your membership no 356 issued on 31.12.2003.

Thanking you,

For Trans Thane Creek Waste Management Association

P.M. Sreevals

Site Manager



# TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION

(PROMOTED BY THANE BELAPUR INDUSTRIES ASSOCIATION)

Plot No. P-128, TTC MIDC Indl. Area, (Near L & T Infotech Ltd.) Shil Mahape Road, Mahape, Navi Mumbai - 400 710.

Tel.: 27610153 / 27616131 / 27616132 ◆ Fax: 27610152 E-mail: ttcwmam@gmail.com, ttcwmamlab@gmail.com

Website: www.ttcwastemanagement.com CIN NO.: U37100MH1998NPL117284



ISO: 9001-2008 Certified

Date: 16.07.2019

Ref No/TTCWMA/2019

To,
M/s. Godrej Industries Ltd.
Plot No. N-73,
Additional MIDC,
Anand Nagar,
Ambernath (E),
Thane - 421506.

# Sub: Membership

M/s. Godrej Industries Ltd. Plot No. N-73, Additional MIDC, Anand Nagar, Ambernath (E), Thane - 421506 is admitted as a Member of T.T.C. Common Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF) Mahape, vide our membership No. A-13 on 31st December, 2003.

Thanking you,

Yours truly,

For TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION





# Maharashtra Pollution Control Board

# महाराष्ट्र प्रदूषण नियंत्रण मंडळ

#### Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

#### FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:Submitted On:Industry TypeMPCB-HW ANNUAL RETURN-000003517901-06-2023Generator

#### Submitted for Year:

2. Name of the authorised person

Mr. R. S. Kumar (AVP-Manufacturing)

02512624154

2023

1. Name of the generator/operator of facility Address of the unit/facility

M/s. Godrej Industries Ltd.

Plot No. N-73,GB-1/1, Addnl. Ambernath,
MIDC, Anand Nagar, Ambernath, Dist.

Thane - 421506

rs.kumar@godrejinds.com

 1b. Authorization Number
 Date of issue
 Date of validity of validity of consent

 Format 1.0/CAC/UAN No. 0000112073/CO/2204000719 & Format
 Apr 22, 2022
 Feb 28, 2025

Format 1.0/CAC/UAN No. 0000112073/CO/2204000719 & Format 1.0/CAC/UAN No. 0000112073 /CO/2305001017 Dated - 15.05.2023

Full address of authorised person

M/s. Godrej Industries Ltd., Plot No. N-73, Addnl. Ambernath, MIDC, Anand Nagar, Ambernath, Dist. Thane - 421506

Telephone Fax Email

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	<b>Consented Quantity</b>	<b>Actual Quantity</b>	UOM
OTHERS	Monocarboxylic Fatty Acids	59500.0000	53511.49	MT/A
OTHERS	Organic Surface Active Agent (Surfactants), Detergents	17000.0000	16609.62	MT/A
OTHERS	Glycerin	10800.0000	7543.95	MT/A
OTHERS	4) Fatty Easters and Condensates	500.0000	165.64	MT/A

### PART A: To be filled by hazardous waste generators

#### 1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
5.1 Used or spent oil	Used/ Spent Oil	3.000	0	MTA
5.2 Wastes or residues containing oil	Oil Soaked Cotton Waste & Oil Filter or Oil Separator	2.000	0.81	MTA
15.2 Discarded asbestos	Discarded Asbestos gasket	2.000	0.534	MTA
17.2 Spent catalyst	Spent Catalyst (Vanadium Pentoxide)	1.000	0	MTA
28.3 Spent carbon	Spent Carbon	1.000	0	MTA

33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels /Discarded container/ liners / contaminated with Hazardous Chemicals / Waste	500.000	0.08	MTA
35.2 Spent ion exchange resin containing toxic metals	Spent Resin from DM Plant	3.000	0.42	MTA
35.3 Chemical sludge from waste water treatment	Chemical and Bio-sludge from ETP	1000.000	48	MTA
37.3 Concentration or evaporation residues	MEE Salts	600.000	146.25	MTA
Other Hazardous Waste	Spent Nickel Catalyst (Sch – II – A- 68 )	85.000	63.67	MTA
Other Hazardous Waste	Used RO Membrane	1.200	0	MTA
Other Hazardous Waste	Used Glass wool	5.000	9.47	MTA
Other Hazardous Waste	Used Filter Bags	2.000	1.995	MTA
Other Hazardous Waste	ESP Residue	72.000	41.7	MTA
Other Hazardous Waste	Byproduct Sulphuric Acid	240.000	88.74	MTA
36.2 Spent carbon or filter medium	Filter medium	1.000	0.94	MTA
2. Quantity dispatched category wise.				
Type of Waste 5.1 Used or spent oil	<b>Quantity of waste</b> 0	<b>UOM</b> MTA	<b>Dispatched to</b> Recycler or Actual user	Facility Name Authorized Party/use as fuel in Boiler
5.2 Wastes or residues containing oil	0.84	MTA	Disposal Facility	MWML
15.2 Discarded asbestos	0.534	MTA	Disposal Facility	MWML
17.2 Spent catalyst	0	MTA	Disposal Facility	
28.3 Spent carbon	0	MTA	Recycler or Actual user	Authorized Party
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.08	MTA	Recycler or Actual user	Authorized Party
35.2 Spent ion exchange resin containing toxic metals	0.42	MTA	Disposal Facility	MWML
35.3 Chemical sludge from waste water treatment	49.306	MTA	Disposal Facility	MWML
37.3 Concentration or evaporation residues	142.2	MTA	Disposal Facility	MWML
Other Hazardous Waste	62.28	MTA	Recycler or Actual user	(Waste Type-Spent Nickel Catalyst Sch II-A-68) To Authorized Recycler
Other Hazardous Waste	0	МТА	Recycler or Actual user	(Wase Type - Used RO Membrane ) to Authorized Recycler
Other Hazardous Waste	9.47	MTA	Disposal Facility	(Wase Type - Used Glass wool ) to MWML
Other Hazardous Waste	1.995	MTA	Disposal Facility	(Wase Type -Used Filter Bags) to MWML

Type of Waste	Name of Waste	Quantity of	UOM	
4. Quantity in storage at the end of the	year			
	Nil	0.00	MTA	
Type of Waste	Name of Waste	Quantity of Waste	UOM	
3. Quantity Utilised in-house,If any				
36.2 Spent carbon or filter medium	0.94	MTA	Disposal Facility	MWML
Other Hazardous Waste	88.85	МТА	Recycler or Actual user	(Wase Type - By product Sulphuric Acid) Authorized Recycler
Other Hazardous Waste	39.615	МТА	Disposal Facility	(Wase Type -ESP Residue) to MWML

Type of Waste	Name of Waste	Quantity of Waste	UOM
5.1 Used or spent oil	Used / Spent Oil	0	MTA
5.2 Wastes or residues containing oil	Oil Soaked Cotton Waste & Oil Filter or Oil Separator	0	MTA
15.2 Discarded asbestos	Discarded Asbestos gasket	0	MTA
17.2 Spent catalyst	Spent Catalyst (Vanadium Pentoxide)	0	MTA
28.3 Spent carbon	Spent Carbon	0	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Discarded container/ barrels / liners / used for Hazardous waste / chemicals	0	MTA
35.2 Spent ion exchange resin containing toxic metals	Spent Resin from DM Plant	0	MTA
35.3 Chemical sludge from waste water treatment	Chemical and Bio-sludge from ETP	1.198	MTA
37.3 Concentration or evaporation residues	MEE Salts	2.746	MTA
Other Hazardous Waste	Spent Nickel Catalyst	1.7	MTA
Other Hazardous Waste	Used RO Membrane	0	MTA
Other Hazardous Waste	Used Glass wool	0	MTA
Other Hazardous Waste	Used Filter Bags	0	MTA
Other Hazardous Waste	ESP Residue	2.88	MTA
Other Hazardous Waste	Byproduct Sulphuric Acid	9.93	MTA
36.2 Spent carbon or filter medium	Spent Carbon or Filter Medium	0	MTA

# 5. Quantity disposed in landfills as such and after treatment

<b>Type</b> Direct landfilling	<b>Quantity</b> NA	<b>UOM</b> KL/Anum
Landfill after treatment	NA	KL/Anum
6. Quantity incinerated (if applicable)	иом	
NA	KL/Anum	

# PART B: To be filled bt Treatment, storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Maharashtra

**UOM** 2. Quantity in stock at the beginning of the year KL/Anum NA **UOM** 3. Quantity treated KL/Anum NA 4. Quantity disposed in landfills as such and after treatment Quantity иом Type Direct landfilling NA KL/Anum Landfill after treatment NA KL/Anum **UOM** 5. Quantity incinerated (if applicable) NA KL/Anum **UOM** 6. Quantiry processed other than specified above KL/Anum NA **UOM** 7. Quantity in storage at the end of the year. KL/Anum NA PART C: To be filled by recyclers or co-processors or other users 1. Quantity of waste received during the year Waste Name/Category Country Name State Name Quantity of waste received from Quantity of waste Units domestic sources imported(If any) NA India Maharashtra NA KL/Anum 2. Quantity in stock at the beginning of the year иом Waste Name/Category Quantity NA KL/Anum NA 3. Quantity of waste recycled or co-procesed or used Name of Waste Type of Waste Quantity **UOM** NA NA KL/Anum 4. Quantity of products dispatched (wherever applicable) Name of product Quantity **UOM** NA NA KL/Anum 5. Total quantity of waste generated **UOM** Waste name/category quantity NA KL/Anum 6. Total quantity of waste disposed Waste name/category quantity **UOM** KL/Anum NA NA 7. Total quantity of waste re-exported (If Applicable) Waste name/category **UOM** quantity NA KL/Anum NA 8. Quantity in storage at the end of the year Waste name/category **UOM** quantity NA KL/Anum NA 9. Quantity disposed in landfills as such and after treatment Quantity **UOM** Type Direct landfilling NA KL/Anum

NA

KL/Anum

Landfill after treatment

10. Quantity incinerated (if applicable)

UOM

NA

Place

KL/Anum

**Personal Details** 

Date

Designation

Ambernath, Thane

2023-06-01

AVP-Manufacturing

#### MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

HEAD OFFICE

: "Udyog Sarthi", Mahakali Caves Road,

Andheri (E), Mumbai - 400 093.

FORT BRANCH

1 Orient House, 5th Floor,

Adi Marjaban Street, Billard Estate, Fort, Mumbai - 38.

Tele : 2687 0027/52/54/73

Fax: (022) 2687 1587

Tele: 2261 6547 Fax: (020) 2261 6548

No: MIDC/FIRE/ 1868 Date: op/o-1/2015

M/s. Godrej Industries Limited, Plot No.N-73 MIDC, Addl. Ambernath Indl. Area.

Sub:

Grant of "Final No Objection Certificate" for Your

Plant & other Buildings, Plot No.N-73 at MIDC, Addl.

Ambernath Ind. Area.

Ref: i) This office Prov NOC No: MIDC/Fire/30 Dt.03/01/2012.

ii) This office Prov NOC No. MIDC/Fire/2999 Dt. 01/12/2014.

iii) Application Number; SWC/7/1/20150325/339918

Dear Sir.

With reference to the (iii) above, a representative of this office visited your Building on 26/05/2015 at the above-mentioned address for inspection of fire fighting arrangements provided by you. Since the fire fighting arrangements provided by you were found in working conditions this office is issuing a "Final No-Objection Certificate" for following built up area:

Name of Construction	Gr. FL	1 <sup>st</sup> FL	2 <sup>rd</sup> FL	3 <sup>rt</sup> Fl.	4 <sup>th</sup> FI.	5 <sup>th</sup> FL	6 <sup>th</sup> Fl.	For extra Height	Total Built up area (Sq.M.)
Flaker plant	548.80	548.80	548.80					823.20	2469.60
FADP Building	399,20	399.20	399.20	330.90	330.90	330.90	330.90	530.50	3051.70
Hydrogenation plant	350.60	350.60	86.50	135.30	(+)	(00)	34	331.90	1254.90
FSPC plant	768.50	768.50	768.50	768.50	768.50	-	-	384.30	4226,80
G.D plant	237.80	237.80	237.80	237.80	237.80	H	3	118.90	1307.90
Q.C. Lab building	290.10	91.60	290,10	290.10	its	in the	8	99.25	1061,15
Spray Dryer	509.70	263.60	161.30	(25)	577)		=	203.80	1461.00
AOS tank farm	1752.10	-	40	-	125	25.	120	36.00	1788.10
Engg. Store- Workshops	557.50	440.10	123	1	-	4	-	58.70	1056.30
Office Building	113.10	464,60	107,30	/ land	**			144	685.00
Canteen building	800.00	77)	0.77(	**	-		39	2.5	800.00
AOS Plant	1273.20	2	723	-22	44	480	(45)	636.60	1909.80
Deaerator Platform	60.00	60.00	5025	343	122	125	441	50.00	180.00
FADP Plant (Extension)	337.10	294.10	205.10	205.10	205.10	205.10	205.10	352.15	2008.85
M.C.C. Room- FADP Building	94.03	94.03	(ee	43		-	S#3	47.01	235.07
Office Building	52.30	22	58.73	ecit)	8-	=	-	3903	111.03
	Construction  Flaker plant  FADP Building  Hydrogenation plant  FSPC plant  G.D plant  Q.C. Lab building  Spray Dryer  AOS tank farm  Engg. Store- Workshops  Office Building  Canteen building  AOS Plant  Deserator Plant  (Extension)  M.C.C. Room- FADP Building  Office Building  Office Building	Flaker plant	Flaker plant   548,80   548,80   FADP Building   399,20   399,20   Hydrogenation plant   350,60   350,60   350,60   FSPC plant   768,50   768,50   G.D. plant   237,80   237	Construction         Gr. FL.         1 ° FL.         2 ° FL.           Flaker plant         548.80         548.80         548.80         548.80           FADP Building         399.20         399.20         399.20         399.20           Hydrogenation plant         350.60         350.60         350.60         86.50           FSPC plant         768.50         768.50         768.50         768.50           G.D plant         237.80         237.80         237.80         237.80           Q.C. Lab building         290.10         91.60         290.10           Spray Dryer         509.70         263.60         161.30           AOS tank farm         1752.10         —         —           Engg. Store-Workshops         557.50         440.10         —           Office Building         113.10         464.60         107.30           Canteen building         800.00         —         —           Deserator Plant (Extension)         80.00         60.00         —           FADP Plant (Extension)         94.03         94.03         —           Office Building         52.30         —         58.73	Flaker plant	Flaker plant	Flaker plant	Flaker plant	Name of Construction   Gr. FL   t** FL   2** FL   3** FL   4** FL   5** FL   6** FL   For extra teligint

	1000,000,000 - 900-	To	tal Built	un Area	(Sq.M.)				250	19.13
26	Cooling Tower (Free of FSI)	529,00	-	-	9	2	22	#		529.00
25	Toilet Blocks	93.35	***	(77%)	要	8	2	- 2	220	93.35
24	D.M. Water Treatment Plant	392,66	:#:	100	77	7	2	22	77.	392.66
23	Cylinder Storage Shed Near Q.C. Lab	8.75	i jegi	34	54	**	Tel	H	en:	8.75
22	Shed Near Q.C. Lab & GDP Plant	65.12	-	22	2		-	141	-	65.12
21	Sodium Sulphuric Recovery Plant	22.35	22.35	22.35	22.35	Ħ	135	121	# -	67.05
20	Sulphur Godown	100.70	145	24	2	22	7547	5.00	100	100,70
19	Sulphuric Acid Storage Tank	63.90	17.50	2	-	147	ंका	744	+	81.40
18	Noodle Plant	300.00	52.20	2	1	-	1941		150.00	502.20
17	(Cooling Tower)	100.70	100	4	1	100	-	-	540	100,70

. The occupant load of above buildings should not exceed in any case as prescribed in Table - 20 of National Building Code- 2005 part IV.

As per the provision of Section 3, Sub Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006. it is the sole responsibility of Owner or Occupier as the case may be, that he/she shall furnish to Chief Fire Officer & Fire Advisor, MIDC or local Fire Station Officer a Certificate in a 'Form B' issued by License Agency twice a year in the Month of January And July regarding maintenance of fire prevention and life safety measures and systems in good repair and efficient working condition.

Following Statutory Provisions Under Maharashtra Fire Prevention and Life

Safety Measures Act, 2006, should be adhered.

1. Under Section 3 of "Maharashtra Fire Prevention and Life Safety Measures Act, 2006" (hereinafter referred to as "said Act"). The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2005 and as amended from time to time failing which it shall be treated as a violation of the said Act.

2. It is presumed that you have completed the work adhering to the provisions

under Section-3 of the said Act.

3. Under sub-section (3) of Section 3, it is responsibility of the Owner or the Occupier as the case maybe, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in sub-section (1).

 Under sub section (4) of Section 3, no person shall tamper with, alter, remove. or cause any injury or damage to any fire prevention and life safety equipment installed in any such building or part thereof or instigate any other person to do

The Fire Extinguishers & other safety systems installed by you in the Plant building & premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the fire protection system is not maintained, retrenched then this "N.O.C." will stand cancelled without any notice & you will be solely responsible to loss of life or property if any, which may please be noted.

As per Office Order No. MIDC/Fire Dept/1078 dated 12/07/06, M/s Godrej Industries Ltd.., had deposited Fire Protection Fund Fees amounting to Rs.21,60,023/- vide receipt No. 0326651 Dt. 18/11/2011 & Rs. 3,44,364/- vide receipt No. 0315936, Dated; 04/09/2014.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the building.

Thanking you.

Yours faithfully,

Chief Fire Officer & Fire Advisor, MIDC, Mumbai-400 093

Copy to The Executive Engineer, MIDC Ambernath Divn (SPA) for information. Please.

# HEALTH REGISTER

# FORM - 7

GODREJ INDUSTRIES LTD.

Company Name : -

Cont. / Unit Name:

Employee

Plot No. N-73, Additional Ambernath Industrial Area, Anand Nagar MIDC Road, Ambernath, Jambhivali, Address

Maharashtra 421502

Valid From

27-03-2023 To

26-03-2024

MBBS. AFIH. (MUMBAI) DHA.PGD. EMS. DR. SHIVAJI V. KACHARE

Thane, District, under Govt, Of Maharashtra Factories Rules. Certifying Surgeon For Factories

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GODRE	GODREJ INDOSTRIES LTD.		HEALTH REGISTER	REGISTER				0	FRT	CERTIFYING SURGEON	U.	RGF	NO
		FO	FORM NO. 7 (Prescribed under Rule 18 (7))	bed under Rule 18	8(7))			DR	SH.	DR. SHIVAJI V. KACHARE	> X	ACH	ARE
.'White Coller	ller	Fre	From: { 27-03-2023	То	26-03-2024	~		MBBS.	AFIH	(MUME	3AI) D	HAP	MBBS. AFIH. (MUMBAI) DHA. PGD. EMS.
Sr. No. Emp. Code.	уате оf Worker	хәς	98 <sub>V</sub>	Dept.of employement of present work	Date of Leaving or	Transfer to Other Reason For Leaving Fransfer of Discharge	Vature of Job or Occupation Saw Material or by Oroduct Handeled		Result of Medical Examination Suspended from	vork, state Period of suspension with betailed Reasons	ertified fit to resume luty on with signature of certifying surgeon	t certificate of infitness or uspention issued to	ignature with Date of ertifying Surgeon
1 498	A M Patrekar	Male	52 AOS			Z	1	7	1 E	S A	p L	n S	S
2 708335	ROSHAN MATRE	Male	35 AOS		NA			27-03-2023	<u> </u>	Z Z	E	Z Z	
3 709246	ASHOK JADHAV	Male	37 AOS		NA			28-03-2023	<u>L</u>	AN	FIT	NA	
	SANDESH GOLE	Male	33 AOS		AN			29-03-2023	1	A N	E	N AN	
5 718575	ADESH BHOIR	Male	24 AOS		AN	100		27-03-2023	F	AN	=	NA	
6 718944	Gauray Chavan	Male	23 AOS		NA			28-03-2023	H	AN	H	AN	
7 703553	Anil Jadhav	Male	40 AOS		NA			27-03-2023	H	AN	E	AN	
8 714466	ROHAN MORE	Male	28 AOS		AN			29-03-2023	E	AN	FIT	AN	
9 715186	SWAPNIL MALUSARE	Male	28 AOS		A'N			29-03-2023	H	AN	E	AN	
10 715450	PRAKASH HARANE	Male	24 AOS		Z	-		29-03-2023	H	AN	E	Z Z	
11 716404	SAHIL ZAVARE	Male	0 AOS		AN	-		28-03-2023	Ħ	AN	H	AN	
12 716458	TOUFIQ MULLA	Male	25 AOS		NA	NA		27-03-2023	FIT	AN	Ħ	NA N	
13 716587	PRAMOD MORE	Male	28 AOS		AN			28-03-2023	FI	NA	FIT 4	AN	
14 716885	SAGAR MAHALE	Male	29 AOS		NA	AN		29-03-2023	Ħ	NA	FIT	NA	
15 717651	PRAMOD GAIKWAD	Male	25 AOS		NA	AN		29-03-2023	H	AN	Ħ	AN	
16 717893	SARVESH MHATRE	Male	21 AOS		NA	NA		28-03-2023	FIT	AN	Ħ	AN	
17 718176	AKSHAY TATE	Male	26 AOS		NA	AN		28-03-2023	FIT	NA	FIT	AN	
18 /18229	ONKAR CHATAGE	Male	25 AOS		NA	AN		28-03-2023	Ħ	NA	FIT	NA	
19 /18450	AJAY MORE	Male	23 AOS		NA	AN		27-03-2023	FI	AN	FIT	AN	
20 /18/82	MILIND BHOIR	Male	22 AOS		NA	NA		28-03-2023	ᇤ	NA	FIT	AN	
21 /18869	SAURABH YERUDKAR	Male	25 AOS		NA	AN		29-03-2023	Ħ	AN	FIT	AN	
22 /19001	Akash Shrivas	Male	20 AOS		NA	AN		28-03-2023	FIT	NA	FIT	NA	
23 707759	GAJANAN JAISWAL	Male	43 Civil		NA	A		28-03-2023	FIT	NA	FI	AN	
24 365	N T Shetye	Male	60 EHS		NA	NA		28-03-2023	FIT	AN	FIT	AA	
25 704865	Vishram Maral	Male	37 EHS		NA	NA		29-03-2023	జ	NA	FI	NA	
26 714378	GAURAV PATIL	Male	31 EHS		NA	AN		29-03-2023	FIT	NA	FIT	NA	
27 708971	HARSHAL CHOUDHARI	Male	35 Electrical		NA	NA		28-03-2023	FIT	NA	Ħ	AN	
28 710748	RUSHIKANT PENDHARI	Male	44 Electrical		NA .	NA		27-03-2023	FIT	NA	FIT	NA	
29 710749	MAHADEV PAWAR	Male			NA	AN		28-03-2023	FI	NA	FI	AN	
30 /11448	MANGESH MOLAWADE	Male	32 Electrical		NA	NA		27-03-2023	FIT	NA	FIT	NA	0
									1	Charles	N	9	T

दि. १६-०१-२०२३ पासुन दि. १५-०१-२०२५ पर्यंत प्राधिकृत प्रमाणक शत्य चिकित्सक क्र. ACS31-SK/2023 कलम १० (२) प्रमाने, ठाणे जिल्ह्याकरिता डॉ. शिवाजी वि. कचरे M.B.B.S,DHA, FIH (MUM) कारखाने अधिनियम १९४८ च्या

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		FC	FORM NO. 7 (Prescribed under Rule 18 (7))	le 18 (7))			DR	SHIV	/AJI	V. KA	DR. SHIVAJI V. KACHARF
. White Coller	ler	F	From: { 27-03-2023 To	26-03-2024	~		MBBS, AFIH, (MUMBA)) DHA	YFIH. (N	AUMB,	AD OH	A PGD FMS
Sr. No. Emp. Code.	Изте оf Worker	хэς	Age Dept.of employement of present work	ne of Leaving or	ransfer to Other eason For Leaving ransfer of Discharge	sture of Job or reduct Handeled reduct Handeled		esult of Medical camination are sured of Medical	ork, state Period of tspension with stailed Reasons stiffed fit to resume	tty on with signature certifying surgeon certificate of	ot beussi noitneas
31 718829	ROHIT PATIL	Male	. Electrical	gZ	a z	8 0 N	28-03	H E	15 .	ip !	us
32 718858	MAHESH MALI	Male	28 Electrical		2		27-03-2023		NA .		Α.
33 717533	DIPAK AGIVALE	Male	27 Electrical		-		78-03-2023		A :		AN
34 718968	Rahul Pingle	Male	25 Electrical		-		28-03-2023		A S		A .
35 719029	Rahul Anjarlekar	Male	23 Electrical	. 2	-		28-03-2023		A V		NA
36 /08816	YOGESH BAVISKAR	Male	47 Electrical				27-03-2023		Y		4 .
37 892	C V Arun Kumar	Male	48 Electrical & Insrumentation	. 2	100		27-03-2023		H		AN AN
38 103513	Vidyadhar Takle	Male	46 Engineering Services	. 2			27.03.2023				NA
39 709498	KULDEEP BHENDUGADE	Male	30 Engineering Stores	2			27-03-2023				AN
40 718198	YOGESH MORE	Male	31 Engineering Stores	2			28 03 2023				NA
41 716580	ABHIJIT KANASE	Male	30 ETP	2 2	NA NA		28-03-2023			+	AN
42 101336	AMEY THOMBARE	Male	24 FADP	2 2			28-03-2023				AN
43 707969	KALPESH K KHEDEKAR	Male	29 FADP	. 2			27-03-2023			t	NA
44 708262	SWAPNIL MOKAL	Male	32 FADP	2 2			27.03.2023				AN
45 714282	ANKIT JADHAV	Male	27 FADP	2 2			20 03-2023				d
46 715113	SHUBHAM PAWAR	Male	26 FADP	AN A			20-03-2023				4
47 715451	ROHIT MADANE	Male	31 FADP	N N			20 03 2023				-
48 715761	DHEERAJ NAWADKAR	Male	24 FADP	VN VN	N N		28-03-2023				T .
49 716079	- CHANDRESH SINGH	Male	24 FADP	Z A	-		27-03-2023		AN	FIT NA	
50 /16217	AMIR MULLA	Male	28 FADP	AN	4		29-03-2023			EIT NA	+ -
81791/10	KUNAL SHEDGE	Male	23 FADP	AN	-		29-03-2023				
52 /16/50	SANDESH GODSE	Male	24 FADP	AN	-		28-03-2023				
53 /16984	AMOL KATKE	Male	28 FADP	AN			27-03-2023				
54 /16985	SIDDHANT SHINDE	Male	25 FADP	AN			27-03-2023		+		
55 717595	ADITYA KADAM	Male	24 FADP	AN			29-03-2023		-		
56 /1/699	KUSHAL SHARMA	Male	25 FADP	AN			28-03-2023		+	+	
57 717888	TEJAS KARANJE	Male	21 FADP	NA	L. Day		27-03-2023			FIT	
58 /1/986	SAQUIB SHAH	Male	24 FADP	AN			27-03-2023	L	-		
59 /1819/	SUMIT KAMBALE	Male		NA			27-03-2023		+		
10700	WEHULPAIL	Mala	23 EAND		15000		00000000				

दि. १६-०१-२०२३ पासुन दि. १५-०१-२०२५ पर्यंत पाधिकत पमापक शान्य किकित्यक क 🗚 ८८९१। २४/१००२ कलम ९० (२) प्रमाने, ठाणे जिल्ह्याकरिता डॉ. शिबीजी चि. कचरे M.B.S.DHA,AFIH (MUM) कारखाने अधिनियम १९४८ च्या

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**CERTIFYING SURGEON** 

HEALTH REGISTER

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		Fro	From: { 27-03-2023	023 To	26-03-2024	_		MBBS A	AFIH	FIH (MUMBAI)	SAN DHA	A PGD	EMS
Emp. Code.	Name of Worker	хэς	yge	Dept.of	0	Fransfer to Other Season For Leaving Fransfer of Discharge	Vacure of Job or Secupation Saw Material or by	Product Handeled	lesult of Medical	York, state Period of uspension with uspension with letsiled Beasons	ertified fit to resume  Ly on with signature f certifying surgeon certificate of	nfitness or or near the propertion is seen to	ignature with Date of
61 718277	ROHIT MORE	Male	24 FADP			2	)		1	S <	o p E		
62 718439	ABHISHEK MISHRA	Male	25 FADP		AN	2		27-03-2023	: :	2 2	E	Y V	
63 718579	MAYUR SHAHANE	Male	24 FADP		NA	+	ŀ	28-03-2023		V V		Z V	
64 718634	AKSHAY BHOSALE	Male	26 FADP		NA	-		28-03-2023		2 2		VIV	
65 718655	SANIL MORE	Male	24 FADP		NA	-	H	28-03-2023		Z Z		C V V	
66 718847	RAVIRAJ KENJALE	Male	26 FADP		AN			29-03-2023		Z N		Q V	
67 718898	ANIKET INGOLE	Male	24 FADP		AN	-		29-03-2023		V V		( V	
68 718899	ADESH KOLHATKAR	Male	24 FADP		AN			28-03-2023	30 000	Z Z		V V	
69 G103742	Arockia Dixon	Male	23 FADP		AN	-		28-03-2023	200			C 42	
70 98310	LAXMIPRASAD UNIYAL	Male	57 Finance		AN	-		29-03-2023		V V		VV	
71 600019	SUDHEER PUTHRAN	Male	46 Finance		AN			28-03-2023	1	V		C V	
709639	SANDEEP LADKE	Male	36 Flaker		AN	10		27-03-2023	H	C V	,		
711656	MANDAR SAKPAL	Male	41 Flaker		AN			28-03-2023	- 1	2 2		Z V	ŀ
74 717534	KUNAL GANGURDE	Male	32 Flaker		NA			27-03-2023	173	( V		V V V	
75 718195	KIRAN GUDEKAR	Male	24 Flaker		NA			27-03-2023	i ii	NA		1 2	
76 718214	ROHIT GAUDSE	Male	23 Flaker		AN			28-03-2023	<u> </u>	2 4 2		VIV	
77 718266	OMKAR NAIK	Male	22 Flaker		AN			28-03-2023	1	V V		Y VN	
78 718298	SANDIP CHOPDE	Male	29 Flaker		NA			27-03-2023	H	AN		NA N	
79 718483	VIVEK SAWANT	Male	21 Flaker		NA			29-03-2023	ᇤ	AN		Z AN	
80 718485	RUTIK MHATRE	Male	22 Flaker		AN	1		28-03-2023	1	ΔN		NA	
81 718903	RUSHIKESH SHINDE	Male	24 FSP		AN			27-03-2023	H	NA		VIV	
82 100812	MRUTYUNJAY NAGARE	Male	26 FSP		AN			27-03-2023	L	NA		V V	Ì
83 101988	VINAY GUPTA	Male	25 FSP		AN			28-03-2023	1	V V		VV	
84 712277	SUSHANT KEREKAR	Male	28 FSP		AN	AN		27-03-2023	FIT	VAN		VIV	
85 714023	RAHUL KAMBLE	Male	32 FSP		AN	AN		28-03-2023	FIE	V V	1	V V V	
86 714703	AKSHAY THAKUR	Male	25 FSP		AN	AN		27-03-2023	1	C V	25 0	1 2	
715135	MANURAJ NIKAM	Male	32 FSP		AN	NA		29-03-2023	E	Z V		Z V V	Ì
88 717650	BHUSHAN CHIKHALKAR	Male	27 FSP		AN	AN		27-03-2023	H	V		C V	
89 717826	DIPESH DALVI	Male	24 FSP		AN	AN		28-03-2023	H	AN		V V	
90 717891	NITIN BODEKAR	Male	23 FSP		Z	ΔN		28-03-2023	1		T		5

डा. शिवाजी वि. कचरे M.B.B.S.DHA,AFIH (MUM) कारखाने अधिनियम १९४८ च्या कलम १० (२) प्रमाने, ाणे जिल्ह्याकरिता दि. १६-०१-२०२३ पासुन दि. १५-०१-२०२५ पर्यंत

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CERTIFYING SURGEON DR. SHIVAJI V. KACHARE

HEALTH REGISTER
FORM NO. 7 (Prescribed under Rule 18 (7))

	ot Worke			0								1.0
		хәς	93A	Dept.of employement present work	Date of Leaving or Tansfer to Other	Reason For Leaving Transfer of Discharge	Nature of Joh or Occupation Raw Material or by Product Handeled	Date of Medical Examination	Result of Medical Examination It Suspended Irom	work, state Period of Suspension with	Detailed Reasons	Detailed Reasons Certified fit to resum duty on with signatu of certifying surgeon It certificate of
	N PATIL	Male			AN	Z		00	FIT	A		FIT
	SANDESH JADHAV	Male	21 FSP		AN	NA		28-03-2023	FIT	AN		FIT
	SAGAR SUTAR	Male	23 FSP		NA	AN		27-03-2023	FIT	AN		FIT
	MANISHANKAR THAKUR	Male	25 FSP		AN			27-03-2023	Ħ	NA		FI
	SAGAR DHUMAL	Male	23 FSP		NA	AN		28-03-2023	FI	NA		EH
	SHIVAM SONAWANE	Male	24 FSP		AN			27-03-2023	FI	NA		FIT
	SHIVAM RAUT	Male	24 FSP		NA	-		27-03-2023	FIT	AN	_	Ħ
98 718677 AAKAS	AAKASH PAWAR	Male	23 FSP		NA	AN		29-03-2023	FIT	AN	LL.	FIT
99 718688 NIKHIL KOLI	KOLI	Male	23 FSP		AN	NA		29-03-2023	Ħ	AN	II.	FIT NA
	VISHWAJIT JADHAV	Male	22 FSP		AN	NA		28-03-2023	Ħ	NA	ш	
	HARSHAL MALI	Male	23 FSP		NA	AN		27-03-2023	FIT	AN	ᇤ	
	RAVINDRA UNDE	Male	23 FSP		NA	AN		27-03-2023	F	AN	H	
	Gunjal	Male	23 FSP		NA	AN		27-03-2023	FIT		표	
	Abhishek Jagtap	Male			AN	AN		27-03-2023	PH		FI	
17	1 Gore	Male	23 FSP		AN	A N		29-03-2023	FIT		F	100
	lurthy	Male	52 Hydrogen		NA	AN		27-03-2023	FIT		FIT	3
	NITESH EGADE	Male	26 Hydrogen		NA	NA		27-03-2023	FIT		표	
	SAGAR DINKAR	Male	30 Hydrogen		AN	NA		29-03-2023	FI		늗	
	JOEL MATHEW	Male			AN	NA		28-03-2023	Ħ	NA	표	
	NAYANESH THORVE	Male	28 Hydrogen		NA	NA		29-03-2023	FIT	NA	H	AN
	AKSHAY JADHAV	Male	26 Hydrogen		NA	AN		28-03-2023	FIT		F	NA
	CHANDAN THAKUR	Male	24 Hydrogen		NA	NA		27-03-2023	FIT		FIT	NA
	PRASHANT SAKHARE	Male	31 Hydrogen		NA	AN		29-03-2023	FI		H	
	KISHAN SINGH	Male	27 Hydrogen		NA	NA		29-03-2023	H		늗	
115 716401 AJIT RATHOD	тнор	Male	29 Hydrogen		NA	AN		27-03-2023	FIT		ᇤ	
	AKASH N GAIKWAD	Male	25 Hydrogen		AN	AN		27-03-2023	FIT		E	
	KALE	Male	28 Hydrogen		AN	NA		29-03-2023	FIT	-	E	
	MOHAMMAD RIYAZ	Male	26 Hydrogen		AN	NA		29-03-2023	FIT	H	ᇤ	
	RITESH THAKUR	Male	24 Hydrogen		AN	NA		28-03-2023	FIT		ᇤ	
120 717985 SANDEE	SANDEEP AHIRE	Male	26 Hydrogen		NA	NA		29-03-2023	FIT	NA	FI	-

डॉ. शिवाजी वि. कचरे M.B.B.S.DHA,AFIH (MUM) कारखाने अधिनियम १९४८ च्या कलम १० (२) प्रमाने, जणे जिल्ह्याकरिता दि. १६-०१-२०२३ पसून दि. १५-०१-२०२५ पर्यंत

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PRANAV PATIL   Wale   Comparison   Promise of Workshopen   Wale   Comparison   Wale	'White		1.0	JKM NO. 7 (Prescrib	ed under Rule 1	8(7))			D	HS &	IVA II	× ×	VIOV	10
PRAMAY PATIL   Name	. white co		F	om: { 27-03-2023	To 26-	03-2024	~		MARS	D HI∃V	WI IN		¥ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	מו ש
Second   Personal Part   Per		61.							200	-	INO IN	DAI) D	HA.P.C.	D. EMS
7.4         PRANNY PATILL         Maje         7.4         Hydrogen         D. D	1-11-11-11	Vame of Work	Xa	əä	mployement o	to of Leaving or	ansfer to Other	ure of Job or upation W Material or by	leoibaM lo e	nothenim	k, state Period of Sension with siled Reasons	ified fit to resume on with signature reifying surgeon	ruess ot	
A	121 718174		W S on	IV C	Э	Da	Tre	Nat Occ Ray	teQ	exa	TOW Susp Tel	ert inty of ce	yuı	
400         FORTH THOUSARE         Maile         25 Invicagen         NA         <	122 718213	RAHUL NAMDE	Male			Z	d		28-03-2023	E	NAN	H	n S	
8 M Shelke         Male         57 Instrumentation         NA         NA         28 03-3023         FT         NA         FT           8 M Shelkee Musale         Male         57 Instrumentation         NA         NA         29-03-2023         FT         NA         FT           8 M Shelkee Musale         Male         25 Instrumentation         NA         NA         29-03-2023         FT         NA         FT           19 M SHAHUL SHINDE         Male         29 Instrumentation         NA         NA         NA         29-03-2023         FT         NA         FT           19 M SHAHUL SHINDE         Male         27 Logistics         NA         NA <td< td=""><td>123 718840</td><td>ROHIT THOMBARE</td><td>Male</td><td>23 Hydrogen</td><td></td><td>Z</td><td></td><td></td><td>29-03-2023</td><td></td><td>NA</td><td>FIT</td><td>AN</td><td></td></td<>	123 718840	ROHIT THOMBARE	Male	23 Hydrogen		Z			29-03-2023		NA	FIT	AN	
RALESH CALLELAKE Musale   Maie 3   Instrumentation   Ma Na	124 341	B M Shelke	Malo	24 nydrogen		Z			28-03-2023	FIT	NA	FIT	NA	
99         RAJESH SAJEKAR         Male         29         Instrumentation         NA         29         03-2023         FIT         NA         FIT         NA <td>125 706233</td> <td>Rushikesh Musale</td> <td>Male</td> <td>37 Instrumentation</td> <td></td> <td>Z</td> <td></td> <td></td> <td>28-03-2023</td> <td>F</td> <td>NA</td> <td>FIT</td> <td>NA</td> <td></td>	125 706233	Rushikesh Musale	Male	37 Instrumentation		Z			28-03-2023	F	NA	FIT	NA	
83         PRANAY BHOPH         Male         28 Instrumentation         NA         A         A         A         A         A         A         FIT         NA         RA <t< td=""><td>126 712029</td><td>RAJESH SAJEKAR</td><td>Mala</td><td>35 Instrumentation</td><td></td><td>Z</td><td></td><td></td><td>29-03-2023</td><td>FIT</td><td>AN</td><td>FIT</td><td>AN</td><td></td></t<>	126 712029	RAJESH SAJEKAR	Mala	35 Instrumentation		Z			29-03-2023	FIT	AN	FIT	AN	
77         RAHUL SHINDE         Male         20         Instrumentation         NA         NA         A         A         A         A         A         A         FIT         NA         FIT         NA         FIT         NA         RA         B         C90-32023         FIT         NA         FIT         NA         FIT         NA         FIT         NA         FIT         NA         FIT         NA         FIT         NA         RA         NA	127 712048	PRANAY BHOPI	Male	30 Instrumentation		Z			27-03-2023	FIT	AN	FIT	AN	
19         NIKHIL ADHAW         Male         29 Instrumentation         INA         NA         A9         29-03-2023         FIT         NA         FIT           9         R S Deshpande         Male         57 Logistics         NA         NA         NA         A         25-03-2023         FIT         NA         FIT           1         AVINASH KAMELA         Male         57 Logistics         NA         NA         NA         NA         A         57-03-2023         FIT         NA         FIT           4         ASLAM SAROTHIVA         Male         30 Logistics         NA	128 714807	RAHUL SHINDE	Male	30 lestrumentation		Z			27-03-2023	FI	AN	FIT	NA	
R.S. Desphande         Maile         7.1 Logistics         NA         <	129 716459	NIKHIL JADHAV	Malo	30 Instrumentation		Ž			29-03-2023	FI	NA	FIT	NA	
94         AVINASH KAMBLE         Male         31         Objektics         NA         NA         A         22-03-2023         FIT         NA         FIT           1         TUSHAR GUJAR         Male         34         Logistics         NA         NA         A         22-03-2023         FIT         NA         FIT           2         SWAPNII PATILI         Male         30         Logistics         NA         NA         NA         A         22-03-2023         FIT         NA         FIT           1         TUSHAR KESARKAR         Male         21         Logistics         NA         NA         NA         NA         NA         NA         A         A         PA         A <td>130 425</td> <td>R S Deshpande</td> <td>Male</td> <td>29 Instrumentation</td> <td></td> <td>Ž</td> <td></td> <td></td> <td>28-03-2023</td> <td>FIT</td> <td>AN</td> <td>FIT</td> <td>AN</td> <td></td>	130 425	R S Deshpande	Male	29 Instrumentation		Ž			28-03-2023	FIT	AN	FIT	AN	
1         TUSHAR GUJAR         Male         34 Logistics         NA         NA         NA         27-03-2023         FIT         NA         FIT           4         ASLAM SAROTHIVA         Male         34 Logistics         NA         NA         NA         29-03-2023         FIT         NA         FIT           2         SWAPNII SHEKE         Male         30 Logistics         NA         NA         NA         29-03-2023         FIT         NA         FIT         FIT         NA         NA         NA <td< td=""><td>131 708859</td><td>AVINASH KAMBLE</td><td>Male</td><td>37 Logistics</td><td></td><td>ż</td><td></td><td></td><td>29-03-2023</td><td>FIT</td><td>NA</td><td>FIT</td><td>AN</td><td></td></td<>	131 708859	AVINASH KAMBLE	Male	37 Logistics		ż			29-03-2023	FIT	NA	FIT	AN	
4         ASLAM SAROTHIYA         Male         30 Logistics         In A         NA         FIT         NA         NA         NA         <	132 711931	TUSHAR GUJAR	Male	34 LOGISTICS		ż			27-03-2023	FUT	AN	FIT	NA	
2         SWAPNIL PATIL         Male         37 Logistics         NA         N	133 712064	ASLAM SAROTHIYA	Male	34 Logistics		ž			29-03-2023	H	AN	FIT	NAN	
1         TUSHAR KESARARR         Male         21 Cagistics         NA         NA <th< td=""><td>134 714632</td><td>SWAPNIL PATIL</td><td>Maje</td><td>30 Logistics</td><td></td><td>Ň</td><td>_</td><td></td><td>27-03-2023</td><td>H</td><td>NA</td><td>FIT</td><td>NA</td><td></td></th<>	134 714632	SWAPNIL PATIL	Maje	30 Logistics		Ň	_		27-03-2023	H	NA	FIT	NA	
7         SAGAR MEHER         Male         27 Logistics         NA         NA         NA         A         29-03-2023         FIT         NA         FIT	135 714701	TUSHAR KESARKAR	Male	33 Logistics		Ž	_		29-03-2023	FIT	NA	FIT	AN	
6         SAGAR MEHER         Male         27 Logistics         Logistics         NA	136 714707	SWAPNIL SHLEKE	ole M	27 Logistics		N	-		29-03-2023	FH	NA	FIT	NA	
7         YOGESH PARAB         Male         28 Logistics         Logistics         NA         NA         A         NA         A         FIT         NA	137 716796	SAGAR MEHER	Male	28 Logistics		N	_		27-03-2023	FIT	AN	H	NA	1
4         Akshay Mane         Male         28 Logistics         NA         NA<	138 717707	YOGESH PARAB	MajeM	28 Logistics		AN	-		29-03-2023	FIT	NA		NA	
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CERTIFYING SURGEON

FORM NO. 7 (Prescribed under Rule 18 (7)) HEALTH REGISTER

डॉ. शिवाजी वि. कचरे M.B.B.S.DHA,AFIH (MUM) कारखाने अधिनियम १९४८ च्या कलम १० (२) प्रमाने, ठाणे जिल्ह्याकरिसा

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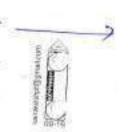
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			Иате оf Worker	MAHESH PATIL	PRACHIT SHINDE	ALPESH JADHAV	SURAJGUPTA	Kamesh Shimpi	Kajesh Patil	DAVELL DODAGE	MANANIN MADANICITIAN	WOOFELL BATH	YUGESH PAIIL	Priya Dhasade	R.P. Prajapati	KIRAN SAHANE	ARUN JAWALE	SACHIN PADWAL	SATISH WARGHUDE	MRUNMAYEE GOKHALE	SUNIL PATIL	AKASH GAIKWAD	Ranjit Atapalkar	GANESH KURANE	SHAILENDRA NIKALE	PRAVIN KAMBLE	PARVIN YADAV	ARUN KUMAR SINGH	BASANT NAHAK	AJAY KUMAR	SAGAR SANE
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डॉ. शिवाजी वि. कचरे M.B.B.S,DHA,AFIH (MUM) कारखाने अधिनियम १९४८ च्या

दि. १६-०१-२०२३ पासुन दि. १५-०१-२०२५ पर्यंत कलम ९० (२) प्रमाने, ठाणे जिल्ह्याकरिता

Nagpur



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Godrej Ambernath

Reply to queries during six nonthey complian

Godrej Industries Ltd.

Plot No. N-73,

Additional Ambernath Industrial Area, Anand Nagar, Village - Jambivli,

Anand Nagar, Village - Jambivli, Ambernath (E), Dist. Thane - 421 506. India.

Tel.: +91-251-262 4000

Website: www.godrejinds.com

Date: 22nd October 2018

Regional Office (WCZ)

Ministry of Environment, Forests & Climate

Ground Floor, East Wing,

New Secretariat Building,

Civil Lines, Nagpur- 440001

Sub: Reply to shortcomings occurred during compliance to EC condition.

Ref: Your letter received vide No. F. No. 5-10/2015 (ENV) Dated: 24th September 2018

Dear Sir,

We have been granted Environmental Clearance and Amendment in same for our Organic chemicals manufacturing unit at Plot No. N 73, Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra.

Our project is for Manufacturing Organic Chemicals with total capacity of 84,500 MTPA. MPCB has permitted us manufacturing of organic chemicals with recovery unit for Glycerin 7500 MTPA as by product. Manufacturing activities are started at site from October 2013.

We are regularly submitting six monthly compliance report against Environmental Clearance granted to us. Some of the shortcomings are observed by your office in our last submitted six monthly compliance report for period of January 2018 – June 2018 and we are submitting herewith point wise reply to each condition as given below:

Page 1 of 5

Godrej

## Compliance to EC Condition for EC Granted vide No. J-11011/612/2010-IA II (I) Dated: 13<sup>th</sup> September 2012 & Amendment in same vide dated: 11<sup>th</sup> December 2012

Conditions	Specific Condition					ndition		
Specific	All the effluent parameters	Currently	59			nitoring		
condition-i	mentioned in G.S.R. 608 (E)	character				existing		
	dated 21.07.2010 not being	condition						
	monitored.	Cell/EIC					CAC/864	
	-	Dated: 20	/01/20	016, v	alid up	oto 28.02	2.2020.	
		Attached	is efflu	ent pa	aramet	ers anal	vsis as pe	
		G.S.R. 608	3( E) dt	d 21.	07.201	0. Anne	xure XXV	
		is attache	d. Non	e of h	eavy n	netals ar	e the par	
		of our ray	w mate	rial a	s well	as chen	nicals tha	
		we add i						
		products.						
		analysis						
		mentione	d in S.	R. 60	8 (E)	dated: 2	1.07.201	
		and confi	rm the	same		¥		
Specific	No details provided regarding							
condition -ii	boiler automatic modulation							
	control system. Also, height of	Technical						
	stack provided not mentioned.	modulatio						
		herewith	as <b>Anr</b>	exui	e – II (	(A) and	II (B).	
		Stack wit	h adea	uate l	height	has beer	n provide	
		Stack with adequate height has been provide as per MPCB norms.						
		Details of	Roiler	with	stack	height n	rovided a	
		site is as				neight p	Tovided a	
		[ C . N	10.			Ct1-	TT = 1 = 1 = 4	
		Sr. No.	to	K atta	ached	Stack	Height	
		1.	НР В	oiler		46 mtr	'S	
		1	(2 No	s.1 as	3			
			stand	by)				
		2.	MPE	Boiler				
		3.	LP B	oiler		46 mti	'S	
				os.1 a	S			
			stan	dby)				

Specific condition -iii	Details of ESP, Scrubber, treatment of scrubbing media not provided.	Process stacks connected to sulphonator in Alfa Olefin Sulphonate plant is provided with electrostatic precipitator (ESP) and alkali scrubber to control SO <sub>2</sub> emission below 50 mg/m <sup>3</sup> . Efficiency of scrubber is monitored regularly and maintain properly. Technical details with diagram of ESP, Scrubber, and treatment of scrubbing media is enclosed as <b>Annexure – III</b> .
Specific	Details of website in which the	The levels of PM10, SO2, NOX, CO and VOC are
condition -iv	monitoring data uploaded.	monitored in the ambient air and displayed at the main gate of the company and at important public places along with its limiting standards as per Consent to Operate granted from Maharashtra Pollution Control Board. Photograph of Notice Board displayed on main gate of industry is enclosed herewith as Annexure – V.
	*	We will upload monitoring data on www.godrejinds.com website regular basis.
Specific	Details of mitigation measures	GIL has taken utmost precaution in plant
condition -v	being implemented for fugitive emission control. Fugitive emission monitoring data not provided.	design to ensure low fugitive emissions.  Practices followed include:  - Using Double mechanical seal pumps for hydrogen and low volatile hydrocarbon service  - Using single mechanical seal pumps for all other service  - Using best preventive and break down maintenance through well trained personnel
		<ul> <li>All the raw material and intermediates are in liquid forms and charged through the pipeline.</li> <li>GIL has installed SO2, PNG and hydrogen gas detectors at respective areas and tested as decided frequency.</li> <li>These are best practices for fugitive emissions as practiced in Industry</li> </ul>

Specific	Details of waste minimization	Prescribed measures are followed at the most					
Condition- xvi	measures being implemented.						
		<ul> <li>a. Metering and control of quantities of active ingredients to minimize waste.</li> <li>b. Reuse of by-products from the process as raw material or as raw material substitutes in other processes.</li> <li>c. Use of automated filling to minimize spillage.</li> <li>d. Use of closed feed system in to batch reactor.</li> <li>e. Venting equipment through vapor recovery system.</li> <li>f. Use of high-pressure hoses for equipment clearing to reduce waste water generation.</li> <li>g. All the materials are charged through the pipelines and hence there is no spillage or wastes.</li> </ul>					
		h. All the materials can be reprocessed to					
		make finish products.					
Specific condition -xix	Details of health checkup.	Occupational health surveillance of the workers is done as per the Factories Act. Details of Occupation Health Centre provided at site & Latest medical checkup report of workers is enclosed as <b>Annexure – XIII.</b> Health checkup are done for all the officers, workers and contractors on yearly basis and form 7 is attached for reference. Note on OHC is attached as <b>Annexure- XXIII</b>					
condition - xx	Details of green belt already developed (area, no. of sapling, types of species, survival rate)	Green Belt is developed in 7 acres. Details of tree plantation with no of samplings, types of the species and survival rates are enclosed as <b>Annexure</b> – <b>XIV</b> & Photographs showing green belt developed around unit are enclosed					
condition-iii	Details monitoring locations w.r.t. upwing and downwind directions.	as Annexure - XV.  S Ambient air quality monitoring stations are					

		where maximum ground level concentrations are anticipated.
		We are enclosing herewith wind rose for additional Ambernath area showing location of monitoring stations taken. <b>Annexure - IV</b> is attached for reference.
General Condition-ix	Details of CSR expenditure during last 3 years.	Company has started following social activities.
		Volunteering Initiatives – (a) in improving health, sanitation, hygiene and education of the local school children (b) Scholarships distribution to economically challenged students. Annexure – XXII is attached for your reference.
<b>a</b> 1		However, we wish to bring your kind notice that since Net profit of Company for last financial year is NIL we are unable to spend some amount of profit on CSR activities.
General	Details of Environmental	Yes, we have established Environmental
Condition-xi	Management Cell.	Management Cell within the factory. In-house Lab has been set up at ETP. Organogram
		showing Environmental Management Cell as
		Annexure XVII.  GIL is ISO 9001:2015, ISO 14001:2015 and ISO 45001:2015 certified company. Certificates are attached as Annexure XXIV (A) and Annexure XXIV (B).

We hope the above is to your satisfaction.

Thanking You,

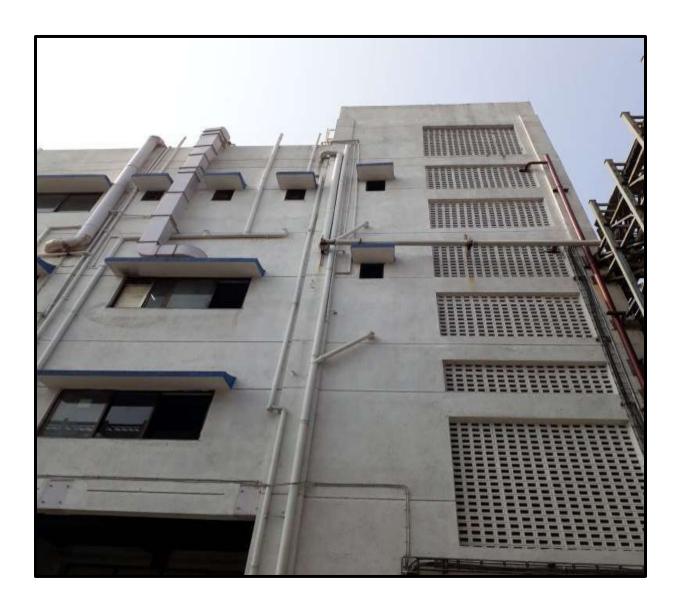
Yours faithfully

For Godrej Industries Ltd.

R. S. Kumar

Associate Vice President (Production)

## **Photographs of Rainwater Harvesting**



## **Photographs of Rainwater Harvesting**





## CSR Activities undertaken by the company for the financial year 2021-2022

## **Our Good initiatives**

## **Community Development**

Along with our team members at our manufacturing sites, we address the critical need of improving education, water, sanitation and health of the local community around our sites. At GIL Chemicals, we work closely with communities across our manufacturing facilities and operations in India and directly impact lives of close to 600 people.

### 6,500+

Lives are directly impacted through community development issues in communities around manufacturing plants across the Godrej Group.



## **Our Good initiatives**

## **Enhancing livelihoods**

In Gujarat we run our flagship plant and we work closely with our neighbouring communities. Our team assessed the need of young people to skill train and enhance their income earning potential. We've run several skill training programmes such as a technical training programme for skill building for fitters, welders, machinists and plumbers. We've also run tailoring programmes for women of our neighbouring Valia village. Together we've trained 850 young people.

## 550,000+

Young people trained in India and Kenya across Godrej Group.



## **Our Good initiatives**

#### **Public health**

Around our Valia plant we partnered with the local community in Kanerao village and identified BPL families that had no access to sanitation facilities. We collaborated with the local panchayat and constructed 21 toilets at a household level that helped provide sanitation access to over 100 people. The people also contributed with community labour for the project. These toilets are now being used by the households and our team on ground also organises periodic health awareness sessions to help the village become open defecation free.

### 3,500,000+

People reached through our Malaria and vector borne disease awareness programme across the Godrej Group.



## Our Green initiatives in communities

## We run a number of community environment initiatives across the Godrej Group

## Integrated watershed management



regions of Maharashtra, Telengana, Karnataka, and Madhya Pradesh. We've developed over 7,000 kectares of land and helped restore over 15 million kL of water in FY 2020-22.

### **Community waste management**



In collaboration with local municipalities and social enterprises in India we are diverting waste from landfill. We process over 3,650 MT of waste annually from landfills.

### **Rural electrification**



In collaboration with non-profits and social enterprises, we provided decentralised, offgrid renewable energy systems through community level installations for 87 energy dark villages in India.

## We encourage volunteering

Employee volunteering
We encourage Godrejites to volunteer their time through different programmes and initiatives. As part of our long-term volunteering platform, our volunteers have worked on projects ranging from developing a marketing strategy for an NGO to mentoring a child from a low-income background. Additionally, we facilitate day-long ground volunteering activities, and fundraising for disaster emergencies. Each year about 40% of our GIL Chemicals employees volunteer across various initiatives.



## SATKARMA ASHRAM IN BADLAPUR, THANE, MUMBAI

- ESTABLISHED IN THE YEAR 2000.
- SATKARMA ASHRAM IN BADLAPUR, THANE, MUMBAI IS A TOP PLAYER IN THE CATEGORY ORPHANAGES IN THE THANE, MUMBAI.
- IT IS KNOWN TO PROVIDE TOP SERVICE IN THE FOLLOWING CATEGORIES: ORPHANAGES, NGOS, ORPHANAGES FOR CHILDREN, CHILDREN WELFARE ORGANISATIONS,

INSTITUTIONS FOR DESTITUTE CHILDREN, INSTITUTIONS FOR SLUM CHILDREN EDUCATION, ORPHANAGES FOR BOY, INSTITUTIONS FOR STREET CHILDREN.

- AROUND 215 CHILDREN HAVE BEEN ORPHANAGE
- CURRENTLY 20 ORPHANAGE CHILDREN ARE STAYING THERE.
- FROM GODREJ INDUSTRIES LTD. WE HAVE DONE CONSTRUCTION WORK (SANITATION ROOM) AT THE SAID SITE.
- WE HAVE STATED THIS ACTIVITY IN THE YEAR 2020 AND COMPLETED IN 2021.

## INAUGURATION EVENT OF SANITATION UNIT AT SATKARMA ORPHANAGE AT BADLAPUR. FEW GLIMPSES









## INAUGURATION EVENT OF SANITATION UNIT AT SATKARMA ORPHANAGE AT BADLAPUR. FEW GLIMPSES









## FOOD GRAIN DISTRIBUTION

DURING COVID -19 PERIOD

Name: Anugrah Seva Mandal

Owener: Dr. Ila Paul

She started Anugrah children home to take care of the severely to moderately malnourished children that were brought to her notice by several social workers and pastors. It is now a hostel for destitute underprivileged children.

We have provided them a Godrej Kit (Which includes, Oil, Dal, Rice, Milk, etc) in Covid Situation











LOCATION: JAMBHIVALIPADA

KILOMETRE : LESS THAN 1 KM

• SCHOOL ESTABLISHED: SINCE 1956

• STUDENT STRENGTH: 80 STUDENT

ACTIVITY CARRIED OUT: BOOKS AND STATIONERY PROVIDED FOR







## Capital and Recurring Cost as per Environmental Management Plan

		O & M Cost							
Sr. No.	Environmental Protection Measures	Capital	Recurring						
1.	Effluent Treatment	Rs. 400 lacs	Rs. 40 lacs / annum						
	Pant								
2.	Solid Waste	NA	Rs 10.0 lac / annum						
	Management								
3.	Rain Water Harvesting	Rs 20 lac	Rs 2.0 lac/ annum						
	system								

## F. No. J-11011/612/2010- IA II (I) Government of India Ministry of Environment and Forests (I.A. Division)

Paryavaran Bhawan CGO Complex, Lodhi Road New Delhi – 110 003

E-mail: ahuja.rai@nic.in Telefax: 011: 2436 3973 Dated 13<sup>th</sup> September, 2012

To.

Shri A.D.Padhye (Vice-President) M/s Godrej Industries Ltd. Phirojshahnagar, Eastern Express Highway Vikhroli (E), Mumbai-400079 Maharashtra

E-mail: ad.padhye@godrejinds.com; Fax No. 022-25188063:

Subject: Organic Chemical Manufacturing Unit (84,500 MTPA) at Plot No. N 73, Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra by M/s Godrej

Industries Ltd. - Environmental Clearance reg.

Ref. : Your letter no. ADP dated 29th July, 2011.

Sir,

Kindly refer your letter dated 29<sup>th</sup> July, 2011alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report and subsequent communications vide your letters dated 8<sup>th</sup> September, 2011, 28<sup>th</sup> September, 2011, 5<sup>th</sup> December, 2011, 18<sup>th</sup> January, 2012, 19<sup>th</sup> March, 2012 and 11<sup>th</sup> May, 2012 on the above mentioned subject.

2.0 The Ministry of Environment and Forests has examined the application. It is noted that the proposal is for Organic Chemical Manufacturing Unit (84,500 MTPA) at Plot No. N 73, Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra by M/s Godrej Industries Ltd. Total plot area is 70,806 m². Matheran Eco-sensitive Zone is located within 10 km. Ulhas River and Chikloli dam are located at 5 Km and 1.2 Km respectively. No national park/wildlife sanctuary is located within 10 km. Total cost of the project is Rs. 222.00 Crores. Following products will be manufactured:

S.N.	Products <sub>e</sub>	Quantity (MTPA)
1)	Product 1 ( Monocarboxilic Fatty Acid)	
i	Fractionated Fatty Acid	16,000
ii	Distilled Fatty Acid & Speciality Fatty Acids	2,000
iii	Oelic Acid	10,000
iv	Stearic Acid	32,000
	Sub Total	60,000
2)	Organic surface active Agents (Surfactants), Detergents	17,000
Ву-р	roducts	
i	Glycerine	7,500
	Total	84,500

3.0 Process stacks connected to sulphonator in Alfa Olefin Sulfonate plant will be provided with electrostatic precipitator and alkali scrubber. Stack of adequate height will be provided to the low sulfur heavy stock (LSHS)/ oil fired boiler and DG set (2x1.6 MW) to disperse gaseous emissions. Total fresh water requirement from MIDC water supply will be 990 m³/day. Industrial effluent generation will be 460 m³/day and treated in effluent treatment plant (ETP) comprising primary, secondary and tertiary treatment facilities. Treated effluent (150 m³/day) will be recycled/reused within factory premises and remaining quantity will be discharged to common effluent treatment plant (CETP). Multi-effect evaporator (MEE) will

be used to separate by-product glycerin to reduce organic load to ETP. ETP sludge will be sent to treatment storage disposal facilities (TSDF) for hazardous waste. Used oil and spent catalyst will be sold to registered recyclers/re-processor.

- 4.0 Public hearing was exempted as per section 7 (i), (iii) Stage (3), Para (i)(b) of EIA Notification, 2006.
- 5.0 All the Synthetic Organic Chemical located inside notified industrial area are listed at S.N. 5(f) under Category 'B' and appraised at the State level. However applicability of general condition (i.e. Matheran Ecosensitive Zone is located within 10 km), proposal is treated as Category 'A' and appraised at Central level.
- 6.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 21<sup>st</sup> and 30<sup>th</sup> meetings held during 23<sup>rd</sup>-24<sup>th</sup> March, 2011and 15<sup>th</sup>-16<sup>th</sup> December, 2011 respectively. The Committee recommended the proposal for environmental clearance.
- 7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific and General Conditions:

### A. SPECIFIC CONDITIONS:

- i) National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21<sup>st</sup> July, 2010 and amended time to time shall be followed by the unit.
- Stack of adequate height shall be provided to the LSHS/ oil fired boiler as per CPCB/ Maharashtra Pollution Control Board (MPCB) guidelines to discharge waste gases into atmosphere to disperse gaseous emissions. As proposed, all the boilers shall be provided with the automatic modulation control systems to ensure right air to fuel ratio to reduce the emission. As proposed, boiler and thermic fluid heater shall be switched over to natural gas whenever gas supply is available.
- Process stacks connected to sulphonator in Alfa Olefin Sulfonate plant shall be provided with electrostatic precipitator and alkali scrubber to control SO<sub>2</sub> emissions below 50 mg/m³. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards. Scrubbers vent shall be provided with on-line detection and alarm system to indicate higher than permissible value of controlled parameters.
- iv) Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> September, 2009. The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>X</sub>, CO and VOC shall be monitored in the ambient air and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and MPCB.
- In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the MPCB.
- vi) For further control of fugitive emissions, following steps shall be followed:
  - 1. Closed handling system shall be provided for chemicals.
  - Reflux condenser shall be provided over reactor.
  - 3. System of leak detection and repair of pump/pipeline based on preventive maintenance.
  - The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.
  - Cathodic protection shall be provided to the underground solvent storage tanks.

- vii) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- viii) Solvent management shall be carried out as follows:
  - Reactor shall be connected to chilled brine condenser system
  - ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
  - iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.
  - iv. Solvents shall be stored in a separate space specified with all safety measures.
  - v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
  - vi. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
- Total fresh water requirement from MIDC water supply shall not exceed 990 m³/day and prior permission shall be obtained from the concerned Authority. No ground water shall be used.
- x) Total industrial effluent generation shall not exceed 460 m³/day. Industrial effluent shall be treated in ETP comprising primary, secondary and tertiary treatment facility. Treated effluent (100 m³/day) shall be recycled/reused within factory premises and remaining quantity shall be discharged to common effluent treatment plant (CETP) after meeting the discharge standards prescribed by the MPCB. Sewage shall be disposed through septic tank followed by soak pit.
- xi) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- xii) As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge shall be disposed off to the TSDF. Spent catalyst/ resin shall be sent to authorized recycler/re-processor.
- xiii) The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from MPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.
- xiv) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- Entire plant where solvents are used shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
- xvi) The company shall undertake following waste minimization measures :-
  - Metering and control of quantities of active ingredients to minimize waste.
  - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - c. Use of automated filling to minimize spillage.
  - d. Use of Close Feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- xvii) All the recommendations made in the risk assessment report shall be satisfactorily implemented.
- xviii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms
- xix) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- xx) Green belt shall be developed in 7 acres out of total land 17.5 acres. Selection of plant species shall be as per the CPCB guidelines.
- Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

#### B. GENERAL CONDITIONS:

- The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- v. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vi. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- vii. Usage of Personnel Protection Equipments (PPEs) by all employees/ workers shall be ensured.
- viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- ix. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
- x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xii. As proposed, the company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xiii. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.

- xiv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Maharashtra Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- xvii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
- 10.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

(Dr. P L Ahujarai) Director

#### Copy to :-

 The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032

 The Chief Conservator of Forests (Central), Regional Office (Northern Zone), Bay No.24-25, Sector 31-A, Dakshim Marg, Chandigarh-160030.

 The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.

 The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022.

 Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.

6. Guard File/Monitoring File/Record File.

(Dr. P L Ahujarai) Director



## Maharashtra Pollution Control Board

## महाराष्ट्र प्रदूषण नियंत्रण मंडळ

**FORM V** 

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

**Unique Application Number** 

MPCB-ENVIRONMENT\_STATEMENT-0000061942

Submitted Date

30-09-2023

**PART A** 

**Company Information** 

M/s. Godrej Industries Ltd.

**Address** 

Plot No. N 73. Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra, 421501.

Plot no

Plot No. N 73

Capital Investment (In lakhs)

43151.85

Pincode 421501

Telephone Number

02512624154

Region

SRO-Kalyan II

Last Environmental statement

submitted online

Consent Valid Upto

yes

2025-05-28

Company Name

Not Applicable

Taluka

Ambernath

Scale

Large Scale Industry (L.S.I.)

Application UAN number

**Person Name** 

Mr. R. S. Kumar

Fax Number

0

**Industry Category** 

Red

**Consent Number** 

Format1.0/CAC/UAN

No.0000112073/CO/2204000719

Establishment Year

2012

Village

Additional Ambernath Industrial Area

City

Thane

Designation

Associate Vice President (Production)

**Email** 

rs.kumar@godrejinds.com

**Industry Type** 

R22 Organic Chemicals manufacturing

Consent Issue Date

2022-04-12

Date of last environment statement

submitted

Sep 28 2022 12:00:00:000AM

**Product Information** 

& Secondary (STC Code)

Industry Category Primary (STC Code)

**Product Name** Consent Quantity Actual Quantity UOM 59500 Monocarboxilic Fatty Acid, Fractionated Fatty Acid, Distilled Fatty Acid & Specialty Fatty 53511.49 MT/A Acid, Oleic Acid, Stearic Acid Organic Surface-active agent (Surfactants), detergents 17000 16609.616 MT/A Glycerin 10800 7543.95 MT/A 500 Fatty Easters and Condensates 165.64 MT/A

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

## Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	135.50	49.67
Cooling	774.00	283.75
Domestic	62.00	22.75
All others	20.00	7.25
Total	991.50	363.42

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	<b>Actual Quantity</b>	UOM
Daily quantity of trade e?uent from the factory	460.00	276.71	CMD
Daily quantity of sewage effluent from the factory	50.00	13.72	CMD
Daily quantity of treated efluent	0.00	276.26	CMD

## Process water per unit of product) Name of Products (Production) During the Previous financial Year Fractionated Fatty Acid 2.178 Organic Surface Active Agent (Surfactant), Detergents During the Previous Financial year 0.0022 0.817 0.0215

0.436

0.0079

Fatty Easters and Condensates 0 0.3598

## 3) Raw Material Consumption (Consumption of raw material per unit of product)

Glycerin

2) Product Wise Process Water Consumption (cubic meter of

per unit or product,			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Oil (Rapeseed, RBD ST, Acid Oil, CPKO, Oleic Acid, PKFAD, PFAD)	0.512	0.711	Ton/Ton
Crude Glycerin	0.110	0.077	Ton/Ton
Hydrogen	17.453	22.299	Ton/Ton
Alfa ole?n	0.161	0.145	Ton/Ton
Sulphur	0.029	0.025	Ton/Ton
Caustic Soda Lye	0.011	0.034	Ton/Ton

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
PNG (Unit- scm/A)	28563840	3383165	MT/A
FO/LDO	16543.87	49.62	MT/A
LSHS	11116.2	0	MT/A
Pitch	5116.608	2283.13	MT/A
Solid Briquette	25992	14791.836	MT/A
HSD	2592	18.617	KL/A

## Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
рН	0.00	7.44	12.42	6-8.5	Not applicable
Suspended Solids	6.20	21.64	78.36	100 mg/l	Not applicable
COD	22.91	80.00	68.00	250 mg/l	Not applicable
BOD @ 27°C for 3 Days	8.51	29.71	70.29	100 mg/l	Not applicable
TDS	356.99	1246.36	40.65	2100 mg/l	Not applicable
Chlorides	72.47	253.00	57.83	600 mg/l	Not applicable
Sulphate	52.03	181.64	81.84	1000 mg/l	Not applicable
TAN	1.45	5.05	89.89	50 mg/l	Not applicable
Detergents	0.14	0.49	90.18	5 mg/l	Not applicable
Oil & Grease	0.78	2.73	72.73	10 mg/l	Not applicable

[B] Air (Stack) Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
Boiler 15928 (LP) - PM	<b>Quantity</b> 17.92	<b>Concentration</b> 52.28	<b>%variation</b> 65.15	Standard 150 mg/Nm3	Reason
, ,				<b>J</b> .	Not applicable
Boiler 15928 (LP) - SO2	14.82	43.23	97.86	694 kg/day	Not applicable
Boiler 15928 (LP) - NOx	8.62	25.14	86.57	150 ppm	Not applicable
Boiler 16043 &14335 (MP) - PM	8.15	50.08	66.62	150 mg/Nm3	Not applicable
Boiler 16043 &14335 (MP) - SO2	5.90	36.25	99.30	846.7 kg/day	Not applicable
Boiler 16043 &14335 (MP) - NOx	3.61	22.17	86.50	150 ppm	Not applicable
Thermic Fluid Heater/Thermo Syphon heater TP15/TS10 - PM	3.27	39.40	73.73	150 mg/Nm3	Not applicable
Thermic Fluid Heater/Thermo Syphon heater TP15/TS10 - SO2	1.56	18.77	98.75	125 kg/day	Not applicable
Thermic Fluid Heater/Thermo Syphon heater TP15/TS10 - NOx	1.60	19.24	88.79	150 ppm	Not applicable
FADP-2 TS-04 & TS-06 - PM	0.86	31.06	79.29	150 mg/Nm3	Not applicable
FADP-2 TS-04 & TS-06 - SO2	0.49	17.46	99.82	270 kg/day	Not applicable
FADP-2 TS-04 & TS-06 - NOx	0.59	21.10	88.10	150 mg/Nm3	Not applicable
AOS Scrubber-Process stack - SO2	2.74	18.92	62.17	50 mg/m3	Not applicable
AOS Scrubber-Process stack - SO3	3.42	23.61	52.79	50 mg/m3	Not applicable
AOS Scrubber-Process stack - Acid Mist	1.07	7.36	78.99	35 mg/m3	Not applicable
AOS Scrubber-Process stack - NOx	2.61	18.05			Not applicable
DG Set (2000 KVA) - PM	4.44	53.81	64.13	150 mg/Nm3	Not applicable

DG Set (2000 KVA) - SO2	3.12	37.86	97.83	144 kg/day	Not applicable
DG Set (2000 KVA) - NOx	3.22	39.12	80.14	150 ppm	Not applicable
Spray Dryer- TPM	5.13	19.81	86.79	150 mg/Nm3	Not applicable
Spray Dryer- SO2	1.21	4.66			Not applicable
Spray Dryer- NOx	2.81	10.85			Not applicable
FADP-7 Briquette Fired Thermic Fluid Heater) - PM	2.66	59.33	60.45	150 mg/Nm3	Not applicable
FADP-7 Briquette Fired Thermic Fluid Heater) - SO2	1.81	40.32	93.75	29 kg/day	Not applicable
FADP-7 Briquette Fired Thermic Fluid Heater) - NOx	1.29	28.75			Not applicable
Hot Air Generator- TPM	1.48	26.44	82.37	150 mg/Nm3	Not applicable
Hot Air Generator- SO2	1.10	19.60			Not applicable
Hot Air Generator- NOX	1.36	24.30			Not applicable

### **Part-D**

HAZARDOUS WASTES  1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
5.1 Used or spent oil	0.00	0.00	MT/A
5.2 Wastes or residues containing oil	1.06	0.8	MT/A
15.2 Discarded asbestos	0.649	0.534	MT/A
17.2 Spent catalyst	0.039	0	MT/A
28.3 Spent carbon	0	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.02	0.08	MT/A
35.2 Spent ion exchange resin containing toxic metals	0	0	MT/A
37.3 Concentration or evaporation residues	142.13	146.25	MT/A
Other Hazardous Waste	68.46	63.67	MT/A
Other Hazardous Waste	0.75	0	MT/A
Other Hazardous Waste	5.82	9.47	MT/A
Other Hazardous Waste	1.84	1.995	MT/A
Other Hazardous Waste	45.38	41.7	MT/A
Other Hazardous Waste	69.77	88.74	MT/A
Other Hazardous Waste	0	0.001	MT/A
Other Hazardous Waste	0	2.21	MT/A

2) From Pollution Control Facilities			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	ИОМ
35.3 Chemical sludge from waste water treatment	68.946	48	MT/A

## SOLID WASTES 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
Wooden, MS, Aluminium, Plastic and paper scrap	97.11	140.38	MT/A
Empty drums and carboys (20Ltrs to 200Ltrs)	17.47	15.11	MT/A
Pitch Oil	1177.13	2375.95	MT/A
Briquette Ash	2784.64	3445.26	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Not Applicable	0.00	0.00	MT/A

## 3) Quantity Recycled or Re-utilized within the

Waste Type	Total During Previous Financial year	Total During Current Financial year	ИОМ
0	0.00	0.00	MT/A

#### **Part-F**

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

#### 1) Hazardous Waste

Type of Hazardous Waste Generated	Oty of Hazardous	ПОМ	Concentration of Hazardous Waste
Type of mazardous waste Generated	Waste	JUN	Concentration of nazardous Waste
5.1 Used or spent oil	0.00	MT/A	Sale to authorized recycler
5.2 Wastes or residues containing oil	0.8	MT/A	TTCWMA
15.2 Discarded asbestos	0.534	MT/A	TTCWMA
17.2 Spent catalyst	0	MT/A	TTCWMA
28.3 Spent carbon	0	MT/A	Sale to authorized recycler
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.08	MT/A	Sale to authorized recycler
35.2 Spent ion exchange resin containing toxic metals	0.00	MT/A	TTCWMA
35.3 Chemical sludge from waste water treatment	0.00	MT/A	TTCWMA
37.3 Concentration or evaporation residues	146.25	MT/A	TTCWMA
Other Hazardous Waste	63.67	MT/A	Sale to authorized recycler
Other Hazardous Waste	0	MT/A	Sale to authorized recycler
Other Hazardous Waste	9.47	MT/A	TTCWMA
Other Hazardous Waste	1.995	MT/A	TTCWMA
Other Hazardous Waste	41.7	MT/A	TTCWMA
Other Hazardous Waste	88.74	MT/A	Sale to Authorized Party / Recycler
Other Hazardous Waste	0.001	MT/A	Sale to authorized recycler
Other Hazardous Waste	2.21	MT/A	Sale to authorized recycler

#### 2) Solid Waste

Wooden, MS, Aluminium, Plastic and paper scrap	140.38	MT/A Sold to Authorized dealer/ Recyclers
Empty drums and carboys (20Ltrs to 200Ltrs)	15.11	MT/A Sold to Authorized dealer/ Recyclers
Pitch Oil	2375.95	MT/A Use as fuel in Boiler/Heater or sale to MPCB authorized party
Briquette Ash	3445.26	MT/A Sale to briquette manufacturer

#### Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
ETP, RO & MEE.	37.73	2187	0.00	0.00	0.00	0.00

#### Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.
[A] Investment made during the period of Environmental
Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
		0.00

#### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
<del></del>		0.00

#### Part-I

### Any other particulars for improving the quality of the environment.

#### **Particulars**

Reduction in fuel (PNG) consumption is 979.80 SCM/day. The company maintains green belt around the factory. the company maintains a safe and healthy environment within the factory premises. Maximum ventilation is provided by natural as well as mechanical means to keep working environment healthy.

#### Name & Designation

MR. R. S. Kumar - Associate Vice President (Production)

#### **UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000061942

#### **Submitted On:**

30-09-2023

or all of the all of Baus's clinics trom the collection 'Magic Moments' (Rs silows me to collect funds for the under spiendor My biggest inspiration is my ca moments when words are not sufficient Photography is an artistic expression that photography celebrates the equilibrium sensitivity alive through some form or th much pain and suffering of my patients ! on the occasion, Dr Mukesh Batta said, 'A an institution for children with visual/mu the event will be donated to Happy Horn collection of photographs titled 'Magic M at his 8th annual charity photo exhibition Founder and Chairman of Dr. Batta's Positi Padma Shri by President of India, India, Continuing his passion of photography, D

statio & Electronics Association wilders' Association of India, albril IIA seitzeubril lo noist ossa sibril IIA ya bestobne osis amations rade Association. The Fairs are OF VINU and Kolne Hell wou woodens 4 China and Korea with group payflons President of Global Sources Exhibitions. The Fairs received five-year economic cooperation plan, said Tommy Wong. relationship, india and China have gone so far as to create a pillion by 2015. Highlighting the importance of this Pico Event Mariagement under license from Global Sources. Products in India, the China Sourcing Fairs are managed by & Components, Listabuere & Building Materials and Bathroom between Chins and India. The co-located events are Electronic main objective of the Fairs is to strengthen trade relationships Bombay Exhibition Centre, Mumbai and will end today. The The fifth suring Fairs opened recently stated recently at the



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The second secon	. 3909 Kg.
Strip.	200 Nos.
t Printer. Thermal Bonded Polyester Blocks.	1300 Nos.
Corrosive Biteminous Black.	52987 Ltr.
	35 Nos.
aling Beam. or bogie Bolster Suspension.	16116 Nos.
on Arrangement.	2100 Nos.
Fittings.	84 Set.
dy Mix. Red Oxide	210620 Ltr.
Fittings.	57 Set.
uffer Spring Sets.	2737 Set.
look.	6600 Nos.
topper Arrangement	800 Set.
al Unit.	3889 Nos.
Manifold Thermal Insulation Loco	22 Set.
ox Assembly.	9 Nos.
eed Sensors Assly.	36 Set.
Signating Cable.	482 Km.
Single Phase generating set.	19 Nos.
Grooved Axle Pulley.	521 Nos.
s Alternator 25 KW.	40 Set.
S Mile Hator 201171.	CRE NOS

r Opening: S. Nos. 01 & 02 on 16-10-2012, S. No. 03 05 on 18-10-2012, S. No. 06 on 19-10-2012, S. Nos. 07 12 to 16 on 26-10-2012, S. Nos. 17 & 18 on 30-10-2012, 2, 6. No. 24 on 02-11-2012.

ed Emergency Lighting Unit.

Controller of Stores, Secunderabad

665 Nos.

-2012. (e-Procurement Tender Notice).
TRACK MACHINES SPARES.

pen floated through s-Procurement. Tenderers are a view treps. sev. In and submittheir offers. It may be

### GODREJ INDUSTRIES LTD.

Regd. Office:
Pirojshanagar, Eastern
Expess Highway, Vikhroli (E),
Mumbai-400 079, India.

#### PUBLIC NOTICE

The proposed Organic Chemical manufacturing plant by Godrej Industries Ltd. to be located at plot No. N 73. Additional Ambernath Industrial Area Tehsil Ambernath, Dist. Thane Maharashtra has been accorded, Environmental Clearance by The Ministry of Environment & Forests, Govt. of India.

Copies of the Environmental Clearance letter are available with Maharashtra Pollution Control Board and website of the Ministry at http://env-for.nic.in.

For Godrej Industries Ltd.

Authorised Signatory
Date: 21-09-2012

between Mr. Bhagwandas S. Pamnani of one Part & Mrs. Tulsibal Kundandas Chhabria of other Part in respect of Block No.12-A-5 admeasuring 585 square feet area in The New Sion Cooperative Housing Society Ltd., Road No.24, Sion (West), Mumbai-400 022 have been misplaced/lost.

Mrs. Dhanwanti P Chhabria & Mr. Deepak P Chhabria (present members in respect of Block No.12-A-5 and holding Share Certificate No. 143 bearing distinctive numbers from 427 to 431 of The New Sion Co-operative Housing Society Ltd.,) have filed a complaint with the Sion Police Station, Mumbai under Registration Sr. No. 2030 dated 11th day of September 2012.

All persons having any claim against the said lost Agreement by way of inheritance, legacy, bequest, transfer, mortgage, sale, gift, lien, lease, charge, trust, maintenance, easement or otherwise howsoever are required to make the same known to the undersigned by registered post with acknowledgement due along with documentary proof within 15 days from the date of Publication of Notice. In case no claim is made within the stipulated period of 15 days it will be construed that such claim, right, title or interest has been waived for all intents and purposes.

SCHEDULE

5 Floor, Bank of India Building, Manatina Ganoni Road, Fort, Mumbai - 400 023. Tel. 2267 5008, 2267 0024.

## THE BOMBAY BURMAH TRADING CORPORATION, LIMITED

Regd. Office: 9, Wallace Street, Fort, Mumbai - 400 001.

#### NOTICE

NOTICE is hereby given pursuant to Rule 3(c) of the Companies (Passing of the Resolution by Postal Ballot) Rules, 2011 that the Corporation has, an Friday, the 21st September, 2012 completed despatch by Speed Post, of the Notice under section 192A of the Companies Act, 1956 (the Act) along with the Explanatory Statement, Postal Ballot Form and self-addressed postage prepaid reply envelope, seeking approval of the members for: a) sub-division of the Corporation's Equity Shares from one share of Rs. 10/- to five shares of Rs.2/- each; b) consequent amendment to the Memorandum of Association of the Corporation, and c) consequent amendment to the Articles of Association of the Corporation.

Voting through Postal Ballot shall commence on 22nd September, 2012 and end on 22nd October, 2012. The voting rights of Members have been reckoned as on 14th September, 2012.

Mr. Tusher Shridharani, Practising Company Secretary, has been appointed as the Scrutinizer for conducting the Postal Ballot in a fair and transparent manner. Members are requested to note that the Postal Ballot Form duly completed and signed should reach the Scrutinizer at the following address not later than 5.00 p.m. on 22nd October, 2012:

Mr. Tushar Shridharani, Scrutinizer

C/o. The Bombay Burmah Trading Corporation, Ltd.

9, Wallace Street, Fort, Mumbai - 400001.



## जियारिक www.navshakti.co.in मुंबई, शनिवार, २२ साटॅबर २०१२

## जाहीर सूचना

तुम्हाला सदर लक्षात आणून देण्यात येते की, श्री. इरुवाशॉ स्ट्तम इराणी (विकासक) आणि श्री. बाब्राव बांदिवडेकर दरम्यान निष्पादित २४/१०/१९७७ रोजीचा मूळ करार आणि पलॅट क्र. २०, इस मजला, वेस्टर्न प्रभादेवी को-ऑप. हाऊसिंग सोसायटी, बीर सावरकर मार्गाजवळ, प्रमादेवी, मुंबई-४०००२५ संदर्भातील सी. भाग्यश्री बांदिवडेकर आणि मेसर्स रिचीरिच इन्व्हेंचर्स लि. द्राम्यान निष्पादित ३०/०४/१९९३ रोजीचा दुसरा मूळ विक्री करार आणि नोंदणी पावती हरविले/गहाळ झाले आहे आणि अजिबात सापडत नाही.

कोणत्याही व्यक्तीला सापडल्यास, कृपया वरील नमूद पत्त्यावर संपर्क साधावा.

## PUBLIC NOTICE

This is to bring in knowledge of General Public that there was Agreement executed between Mr. Shyam Sharadprasad Dubey and Mr. Tribeni Prasad R Dubey dated 30th July, 1996, in respect of Gala, bearing Gela No 04, Ground Floor, in SHYAM SHRADA situated S.N.

## जाहीर नोटीस

तमाम लोकांस कळविण्यात येते की, गाव भीजे खोचिवडे, ता. वसई, जिल्हा ठाणे येथील स.नं. ४५, हि.नं. १ पै, एकूण क्षेत्र हे.आर. ०-४०-१ ह्यामधील फ्लॅट नं. ७, क्षेत्र २,१६ गुंठे खणजेच २१६ चौ. मीटर असा जमिनीचा तुकडा जमीन मालक निष्मुद्दीन रफीउद्दीन सिध्दीकी ह्यांनी लेखी कायम विकत देण्याचे आमचे अशिलास कन्ल व मान्य केले आहे. तरी सदर प्लॉट जमीन मिळकतीवर कोणाही इसमाचा विक्री, गहाण, दान, कब्जा, कुळारग अगर वारसा अगर इतर प्रकार हक असल्यास सदरचा हक लेखी पुराव्यासह खालील पत्त्यावर सदरची नोटीस प्रसिध्द झाल्याचे तारखेपासून १४ दिवसांचे आतं कळवावे, अन्यथा तशा प्रकारचा कोणाचाही हक नाही व तो असल्यास कायमचा सोइन दिलेला आहे असे गृहीत घरून आमचे अशील सदर जमीन मिळकतीचा विक्री व्यवहार पूर्ण करतील ह्याची नोंद घ्यावी.

शिवनेर - झेंडाबाजार वसई, ता. वसई, जि. ठाणे

## जाहीर नोटीस

सर्व , जनतेस नोटिसेद्वारे कळविण्यात येते की, गाव मीजे परळी, तालुका वाडा, जिल्हा ठाणे येथील जमीन मिळकत जिचा गट नं. ८, हिस्सा नं. १/२, क्षेत्र २०,००० चौ.मी. असून सद्रह् मिळकत माझ्या अशिलांनी श्री. अशोक काशिनाथ पाटील यांच्याकडून विकत घेण्याचे ठरविले आहे. कोणत्याही मिळकतीसंदर्भात व्यक्तीचा कुठल्याही प्रकारचा हक्क, अधिकार किंवा हितसंबंध असल्यास सदरह नोटीस प्रसिद्ध झाल्यापासून १४ दिवसाचे आत सर्व लेखी पुराव्यानिशी खालील पत्थावर कळवावे, अन्यथा तसा कोणाचाही कोणताही हक्क, अधिकार किंवा हितसंबंध नाही असे समजून व्यवहार पूर्ण केला जाईल. अंड. राजेश ध. पाटील

५४१, मोर्वा गाव. भाईदर (प.), ठाणे-४०११०१

## जाहीर नोटीस

नोटिसेद्वारे कळविण्यात येते की, गाव करोळ, तालुका मोखांड, जिल्हा येथील जमीन मिळकत जिला सव १००, हिस्सा नं, पैकी, क्षेत्र ३६१०० ची.मी. असून सदरह् मिळकत । अशिलांनी श्री. मधुकर नामदेव र यांच्याकड्न विकत घेण्याचे द अ:हि. तरी सदरह मिळकती कोणत्याही व्यक्तीचा कुठा प्रकारचा हक्क, अधिकार हितसंबंध असल्यास सदरह प्रसिद्ध झाल्यापासून १४ आत सर्व लेखी पुराव्यानिशी व पत्त्यावर कळवावे, अन्यथा कोणाचाही कोणताही अधिकार किंवा हितसंबंध नाही अ समजून व्यवहार पूर्ण केला जाईल. अंड. राजेश ध. पाटा ५४१, मोर्चा गान

भाईदर (प.) ठाणे-४०११०१

## पब्लिक नोटीस

गोदरेज इंडस्ट्रिज लिमिटेडच्या संभाव्य ऑर्गेनिक केमिकल मॅन्य्फॅक्चरिंग प्लान्टला जी प्लॉट नं. एन ७३ ॲडिशनल अंबरनाथ इंडस्ट्रियल एरिया, तहसील अंबरनाथ जिल्हा ठाणे महाराष्ट्र येथे आहे, सदर कंपनीला भारत सरकारच्या पर्यावरण आणि वन्य विभागाने पर्यावरणीय मंजुरी दिलेली आहे.

TISP (IN

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प्रत

पर्यावरणीय मंजुरी पत्राच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण बोर्ड यांजकडे आणि मिनिस्ट्री http://envfor.nic.in या वेबसाईटवर उपलब्ध आहेत. गोवरेज इंडस्ट्रीज लि.करिता

सही/-अधिकृत स्वाक्षरीकर्ता दिनांक २१.०९.२०१२

## PUBLIC NOTICE

Public at large is hereby informed that Mr. Paresh Harakhchand Chheda - Owner of Shop No. 3, admeasuring 245 sq. ft Carpet area, Ground floor, in Jai Janaki Cooperative Housing Society Ltd. being lying on Tika No. 11, City Survey No. 1A/1/2/(pt). 2A/(pt) and 3 and situate at Dhobi Ali, Village Thane, Thane (W), Tal & Dist Thane has lost / misplaced the Original Agreement between M/s. Madhura Enterprises - Builders and Mr. Nazamuddin Shaikh Kasam Anjurkar & Mrs Zarina Banu Nazamuddin Anjurkar Purchasers or any other title

document/s. if any person has any claim, right, and interest of any nature whatsoever shall write to the undersigned within 14 days from the date of publication of this notice hereof, if no claim or objection is received within the above stipulated period, the said Owner shall be free to deal with the said flat as desired. V. T. Hundlani

B.Com. LL.B Advocate High Court 101, 1" floor, May Fair Bldg. Edulji Road, Charal, Thane (W) Place: Thane Date: 21/9/2012

## महा वितरण

निविदा स्वना

पात्र असणाऱ्या निविदाकारांची निविदा खालील कामासाठी मागविण्यात येत आ

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जाहीर नोटीस