

**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  
**Date: 30<sup>th</sup> 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: 13<sup>th</sup> September 2012 and Amendment in environmental Clearance granted Dated: 11<sup>th</sup> 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.
3. 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)	<b>Organic Chemical Manufacturing Industry</b>		
2.	Name of the Project	M/s. Godrej Industries Ltd.		
3.	Clearance letter (s)/OM No. And Date	Environmental clearance granted vide Letter No. <b>J - 11011/612/2010 - IA II (I)</b> dated: 13 <sup>th</sup> September 2012 & Amendment in Environmental Clearance granted dated: <b>11<sup>th</sup> December 2012.</b>		
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 - <a href="mailto:rs.kumar@godrejinds.com">rs.kumar@godrejinds.com</a>		
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	<b>Sr. No</b>	<b>Environmental Protection Measures</b>	<b>O &amp; M Cost</b> <b>Capital</b> <b>Recurring</b>
		1.	ETP	Rs. 450 lacs      Rs. 50 lacs/annum
		2.	SWM	NA      Rs 20.0 lac /annum
		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:  b) Allocation made for environmental management plans with item wise and year wise break-up.:  c) Benefit cost ratio/Internal rate of return and the year of assessment:  d) Whether (c) includes the cost of environmental management as shown in the above  e) Actual expenditure incurred on the project so far.  f) Actual expenditure incurred on the environmental management plans so far	Rs. 355 Cr.  ETP: Rs. 4.0 crore RWH: Rs. 0.2 crore  Not Applicable  Not Applicable  Rs. 431.51 crores  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 b) The status of cleaning felling c) The status of compensatory afforestation, if any d) Comments on the viability and sustainability of compensatory afforestation program in the light of actual field experience	Not Applicable  Not Applicable Not Applicable  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

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	(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 start	Not Applicable 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 (b) Date of site visit for this monitoring report	Not Applicable  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. <b>J - 11011/612/2010 - IA II (I)</b> dated: <b>13<sup>th</sup> September 2012</b> & Amendment in Environmental Clearance granted dated: <b>11<sup>th</sup> December 2012.</b>



<b>Ref</b>	EC No. J-11011/612/2010-IAII (I) dated 13 <sup>th</sup> Sep 2012 & EC No. J-11011/ 612/2010-IA II(I) Dt. 11 <sup>th</sup> December 2012.
<b>To</b>	Godrej Industries Ltd. Additional MIDC, Ambernath.
<b>For</b>	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 Esters and Condensates with quantity of 500 MT/A.
<b>Status</b>	Construction of Factory Buildings and Installation of Equipment is completed. Production activities started from October 2013.

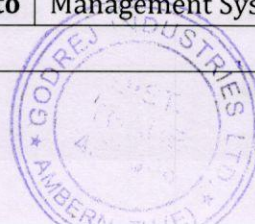
**This Environmental Clearance was obtained for Organic Chemical Manufacturing unit with Capacity of 84,500 MTPA for production of Monocarboxylic Fatty Acids, Organic Surface-Active Agents (Surfactants), Detergents and its by product Glycerin.**

**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. Specific Conditions

Sr. No.	Conditions	Compliance Status
i.	<b>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.</b>	<p>Yes, Agreed.</p> <p>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></p> <p>We are regularly monitoring every stack at site to maintain National Emission Standards at our unit. We are also conducting regular Ambient Air Quality Monitoring in and around our unit premises.</p> <p>Monitoring reports are attached for your reference as <b>Annexure - I.</b></p>
ii.	<b>Stack of adequate height shall be provided to the LSHS / Oil fired boiler as per CPCB / Maharashtra Pollution Control Board (MPCB) guidance to</b>	<p>We have provided automatic modulation control system by Thermax Limited, Pune.</p> <p>We have also provided LMV5 Burner Management System (BMS) for the Boiler.</p>



	<p>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.</p>	<p>Stack with adequate height has been provided as per MPCB norms.</p> <p>Details of Boiler with stack height provided at site is as given below:</p> <table border="1" data-bbox="833 414 1385 696"> <thead> <tr> <th>Sr. No.</th> <th>Stack attached to</th> <th>Stack Height</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>HP Boiler (2 Nos. 1 as standby)</td> <td rowspan="2">46 m</td> </tr> <tr> <td>2.</td> <td>MP Boiler</td> </tr> <tr> <td>3.</td> <td>LP Boiler (2 Nos.1 as standby)</td> <td>46 m</td> </tr> </tbody> </table> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III</b>.</p>	Sr. No.	Stack attached to	Stack Height	1.	HP Boiler (2 Nos. 1 as standby)	46 m	2.	MP Boiler	3.	LP Boiler (2 Nos.1 as standby)	46 m
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iii.	<p>Process stacks connected to sulphonator in Alfa Olefin Sulphonate plant shall be provided with electrostatic precipitator and alkali scrubber to control SO<sub>2</sub> emission below 50 mg/m<sup>3</sup>. 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 online detection and alarm system to indicate higher than permissible value of controlled parameters.</p>	<p>Process stacks connected to sulphonator in Alfa Olefin Sulphonate plant are provided with electrostatic precipitator (ESP) and alkali scrubber to control SO<sub>2</sub> emission below 50 mg/m<sup>3</sup>. The efficiency of scrubber is monitored regularly and maintained properly. Technical details with diagram of ESP, Scrubber, treatment of scrubbing media is already submitted.</p> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III</b>.</p>											
iv.	<p>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 result of monitored data on its website and shall update the same periodically. It shall</p>	<p>The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, 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.</p> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the</p>											


	<p>simultaneously be sent to the Regional Office of MoEF, the respective Zonal office of CPCB and MPCB.</p> <p>same is enclosed as <b>Annexure - III</b>.</p> <p>We will upload monitoring data on <a href="http://www.godrejinds.com">www.godrejinds.com</a> website regular basis.</p>
<p>v. 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 &amp; conveyance of chemical / materials. Multi cyclone separator and water sprinkling system. Dust suppression systems including water sprinkling systems 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 emission shall confirm to the limits stipulated by the MPCB.</p>	<p>GIL has taken utmost precaution in plant design to ensure low fugitive emissions. Practices followed include:</p> <ul style="list-style-type: none"> <li>- Using Double mechanical seal pumps for hydrogen and low volatile hydrocarbon service</li> <li>- Using single mechanical seal pumps for all other service</li> <li>- Using the best preventive and breakdown maintenance through well-trained personnel.</li> <li>- All the raw material and intermediates are in liquid form and charged through the pipeline.</li> <li>- GIL has installed SO<sub>2</sub>, PNG and hydrogen gas detectors at respective areas and tested as decided frequency.</li> </ul> <p>These are best practices for fugitive emissions as practiced in Industry.</p> <p>Recent test reports are attached for your reference as <b>Annexure - I</b>.</p>
<p>vi. For further control of fugitive emission, following step shall be followed:</p> <ul style="list-style-type: none"> <li>• A closed handling system shall be provided for chemicals.</li> <li>• Reflux condenser shall be provided for the over reactor.</li> <li>• System of leak detection and repair of pump/pipeline based on preventive maintenance.</li> <li>• 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.</li> <li>• Cathodic protection shall be provided to underground solvent storage tanks.</li> </ul>	<p>There are no underground chemical storage tanks at the unit.</p> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III</b>.</p> <div style="text-align: center;">  </div>

vii.	<p>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 set to mitigate the noise pollution.</p>	<p>Yes, a D.G. Set with adequate stack height &amp; acoustic enclosure is provided as per CPCB Standards.</p> <p>Photographs of D.G. sets are enclosed as <b>Annexure - IV.</b></p>
viii.	<p>Solvent management shall be carried out as follows:</p> <ol style="list-style-type: none"> <li>1. The reactor shall be connected to chilled brine condenser system.</li> <li>2. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</li> <li>3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</li> <li>4. Solvent shall be stored in a separate space specified with all safety measures.</li> <li>5. Proper earthing shall be provided in all electrical equipment wherever solvent handling is done.</li> <li>6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</li> </ol>	<p>Not applicable as no Solvents are stored.</p>
ix.	<p>Total freshwater requirement from MIDC water supply shall not exceed 990 m<sup>3</sup>/day and prior permission shall be obtained from the concerned Authority. No ground water shall be used.</p>	<p>Yes, NOC from MIDC is obtained. Please refer <b>Annexure - V.</b></p>
x.	<p>Total industrial effluent generation shall not exceed 460 m<sup>3</sup>/day. Industrial effluent shall be treated in ETP comprising primary, secondary and tertiary treatment facility. Treated effluent (100 m<sup>3</sup>/day) shall be recycled/reused within factory premises and the remaining quantity shall be discharged to Common Effluent Treatment Plant (CETP) after meeting</p>	<p>Effluent generated from the unit is treated in effluent treatment plant with capacity of 550 CMD. There was no discharge of any treated effluent water outside the premises. We installed ZLD system at our site in January 2017. After the ZLD installation &amp; operation, MPCB given amended consent with ZLD as enclosed in <b>Annexure - VI.</b></p> <p>Our treated effluent is further treated in RO</p>




	the discharge standards prescribed by the MPCB. Sewage shall be disposed through septic tank followed by soak pit.	<p>&amp; MEE (Multi Effect Evaporator) Plant. The recovered water from ZLD is used for cooling tower for makeup &amp; boilers for steam generation. The residual sludge from MEE is sent as hazardous waste to landfill. Effluent generation and RO permeate water generation data is attached as <b>Annexure - VII</b>.</p> <p>Water balance showing ZLD enclosed as <b>Annexure - VIII</b>.</p> <p>ETP Process flow diagram showing ZLD is enclosed as <b>Annexure IX</b>.</p>
xi.	All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Not Applicable as no Solvents are stored.
xii.	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge shall be disposed of to the TSDF. Spent catalyst/resin shall be sent to authorized recycler/re-processor.	<p>Generated Hazardous waste from process, ETP and MEE are disposed of or recycled as per Condition stipulated in Environmental Clearance. Membership of disposal of Hazardous waste authority is enclosed for your ready reference. Please refer to <b>Annexure - X</b>.</p> <p>Annual Hazardous Waste Return (Form IV) submitted for year 2022-2023 enclosed as <b>Annexure - XI</b>.</p>
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.	<p>Authorization for storage &amp; disposal of Hazardous wastes has been obtained from MPCB. Firefighting facilities are laid out &amp; we are well prepared for any emergency.</p> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III</b>.</p>
xiv.	The company shall strictly comply with the rules and guidance under	Yes. The company is complying with the rules and guidance under the Manufacture,

	<b>Manufacture, Storage and import of Hazardous Chemical (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemical shall be as per Motor Vehicle Act (MVA), 1989.</b>	Storage and import of Hazardous Chemical (MSIHC) Rules, 1989 as amended from time to time.  All Transportation of Hazardous Chemical are as per Motor Vehicle Act (MVA), 1989.
xv.	<b>Entire plant where solvents are used shall be flame proof. The solvent storage tank shall be provided with breather valve to prevent losses.</b>	Not applicable as no Solvents are stored.
xvi.	<b>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.</b>	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.
xvii.	<b>All the recommendations made in the risk assessment report shall be satisfactorily implemented.</b>	Yes. All the recommendations made in the risk assessment report are implemented.
xviii.	<b>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.</b>	Yes. Firefighting systems as per norms are installed to protect from possible fire hazards.  Fire NOC received from MIDC is enclosed as <b>Annexure - XII.</b>
xix.	<b>Occupational health surveillance of the</b>	Occupational health surveillance of the

	workers shall be done on a regular basis and records maintained as per the Factories Act.	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 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.  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 developed in 7 acres out of total land 17.5 acres. 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.  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> .
xxi.	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 a 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.	Construction work is completed.  
<b>B. General Conditions:</b>		
i.	The Project authorities shall strictly adhere to the stipulations made by the	Yes. The Project authorities are adhering to the stipulations made by the Maharashtra

	Maharashtra Pollution Control Board.	Pollution Control Board.
ii.	<b>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.</b>	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.
iii.	<b>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.</b>	<p>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.</p> <p>We already submitted wind rose for additional Ambernath area showing location of monitoring stations taken.</p> <p>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>.</p>
iv.	<b>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 Rules 1989 viz. 75dBA (daytime) and 70dBA (nighttime).</b>	<p>Above Condition is noted. The noise level within plant premises is observed within prescribed Standards.</p> <p>Please refer post monitoring report, Control measures like Acoustic enclosure, hood, Silencers etc. are provided.</p>

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.	The ground water table at plot area is very high. Recharge of groundwater is not feasible. However, rainwater is now being collected from 4 buildings roof top area (1483 sq. mt.) & the same water is used for our process activities. This measure has helped in conservation of natural resources. Photographs of RWH are enclosed as <b>Annexure - XV.</b>
vi.	Training shall be imparted to all employees on the safety and health aspect of chemicals handling Pre-employment 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.	Training is regularly imparted to all 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 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.

		<p>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></p> <p>CSR activities undertaken by the company for the financial year 2022-2023 is enclosed as <b>Annexure - XVI.</b></p>
x.	<b>The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</b>	Yes. The company undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
xi.	<b>A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</b>	<p>Yes, we have established an Environmental Management Cell within the factory. In-house Lab has been set up at ETP. Organogram showing Environmental Management already submitted to MoEF.</p> <p>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 22<sup>nd</sup> October 2018. Ack. of the same is enclosed as <b>Annexure - XIV.</b></p>
xii.	<b>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.</b>	<p>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 <b>Annexure - XVII.</b></p> <p>Reply to this specific condition is submitted to MoEF&amp;CC. Acknowledgement copy of the same is enclosed as <b>Annexure - III.</b></p>
xiii.	<b>A copy of clearance letter shall be sent by the project proponent to the concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local</b>	Copy of environmental Clearance is already submitted to concerned authorities. Same is attached as <b>Annexure - XVIII.</b>

	Body and the local NGO, if any, from whom 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 reports shall be posted on the website of the company.	Six monthly environmental clearance compliance status reports are enclosed herewith. We will post a copy of the environmental clearance with six monthly compliance status reports on the company's website.
xv.	The environmental statement for each financial year ending 31 <sup>st</sup> 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 condition and shall also be sent to the respective Regional Office of MoEF by e-mail.	Above condition is noted. We regularly submit form - V as environmental statement in operational phase of plant.  The Copy of latest Environmental Statement submitted is enclosed as <b>Annexure - XIX</b> .
xvi.	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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> . 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	Yes, we had published Advertisement in two local newspapers and copy of same is attached as <b>Annexure - XX</b> .



	the same shall be forwarded to the concerned Regional Office of the Ministry.	
xvii.	<b>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.</b>	The project was commenced in year 2012 and completed in December 2013.

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### List of Annexures

<b>Sr. No.</b>	<b>Annexure</b>	<b>Details</b>
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 dated 09/02/2017
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



# 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](mailto:pglab@aespl.co.in)

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



## Test Report (Ambient Air)

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

Issue Date: 14/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400109. Mr. Abhijit Kanase ☎771082586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Main Gate				
<b>Date of Sampling</b>	: 03/10/2023 to 04/10/2023				
<b>Sampling Time</b>	: 11:40 to 11:40 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: A-23/10/02		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1;PM <sub>2.5</sub> -1;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 05/10/2023 to 12/10/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-02 & FDS-I-02				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527010419 DT. 10.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 46%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	26.63	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	45.61	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	75.73	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	28.33	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.90	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019
6.	Ozone as O <sub>3</sub>	18.97	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	33.86	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	10 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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.

**Note:**

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/10/03

Issue Date: 14/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400109. Mr. Abhijit Kanase ☎771082586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near ETP				
<b>Date of Sampling</b>	: 03/10/2023 to 04/10/2023				
<b>Sampling Time</b>	: 11:20 to 11:20 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: A-23/10/03		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1;PM <sub>2.5</sub> -1;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 05/10/2023 to 12/10/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-05 & FDS-I-05				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527010419 DT. 10.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 46%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	29.59	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	39.26	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	79.93	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	26.25	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.95	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019
6.	Ozone as O <sub>3</sub>	22.04	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	36.19	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	10 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 11) RA2022

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

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

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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

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



TC-7105

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/10/04

Issue Date: 14/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400109. Mr. Abhijit Kanase ☎771082586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Material Gate				
<b>Date of Sampling</b>	: 03/10/2023 to 04/10/2023				
<b>Sampling Time</b>	: 11:00 to 11:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: A-23/10/04		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1;PM <sub>2.5</sub> -1;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 05/10/2023 to 12/10/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-07 & FDS-I-03				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527010419 DT. 10.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 46%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	35.51	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	48.50	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	69.67	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	22.92	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.89	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019
6.	Ozone as O <sub>3</sub>	24.82	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	38.18	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	10 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 11) RA2022

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

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

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400109. Mr. Abhijit Kanase ☎771082586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near AOS Plant				
<b>Date of Sampling</b>	: 03/10/2023 to 04/10/2023				
<b>Sampling Time</b>	: 12:00 to 12:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: A-23/10/05		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>10</sub> -1;PM <sub>2.5</sub> -1;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 05/10/2023 to 12/10/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-07 & FDS-I-03				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527010419 DT. 10.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 46%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	28.61	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	40.42	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	73.33	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	25.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.85	04 **	mg/m <sup>3</sup>	IS 5182 (part 10) RA2019
6.	Ozone as O <sub>3</sub>	15.62	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	31.21	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
10.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	10 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 11) RA2022

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

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

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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Illumination)

Ref. No.: AESPL/LAB/C/L-23/10/01

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Monitoring Details</b>	: Daytime & Nighttime		
<b>Location Details</b>	: At the Periphery of Site		
<b>Date of Sampling</b>	: 03/10/2023	<b>Period of Sampling</b>	: 45 min
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 11.20 pm - 12.25pm	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 07.15 pm-08.20pm
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: L-23/10/01
<b>Environmental</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 29°C-31°C	
<b>Transportation Condition</b>	: Illumination Data sheet is kept in folder and safely transported to laboratory along with Lux meter.		
<b>Sampling Equipment</b>	: Testo Lux-540 L-I-01		
<b>Calibration Status</b>	: Calibrated on 18/08/2023; calibration due on 17/08/2024		
<b>Project/ Job Number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 3646: RA2018		

Sr. No.	Location	Location Categories as per MFR - Rule No. 35 based on Schedule 'A'/'B'	Lux Level		Recommended Illumination as per MFR - Rule No. 35 - Std. of Lighting in factories
			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



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

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



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 discrimination essential)	130	104	100
27.	Main Substation	Substation (slight discrimination essential)	242	160	100

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

**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)**

-End of Test Report-



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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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 03/10/2023	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 11.20 Hr. - 12.30Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 19.15 Hr.-20.25Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: N-23/10/02
<b>Environmental Condition</b>	: Climate:Semi Cloudy	<b>Ambient Temp:</b> 27°C to 33°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-02		
<b>Calibration Status</b>	: Calibrated on 14/11/2022; calibration due on 13/11/2023		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near ETP	62.3	60.0
2.	FAD Plant	65.8	61.4
3.	Tank farm	62.8	59.3
4.	Near FSP/GDP/SWE Plant	74.2	69.8
5.	Near boiler house	68.4	62.5
6.	Engineering stores	56.3	53.8
7.	AOS Plant	61.4	57.3
8.	Main gate	65.9	61.2
9.	Time office	63.8	60.0
10.	Near canteen	66.3	62.0
11.	Near DG	59.2	57.1
12.	DM Plant	61.8	58.5
13.	RM Plant	67.3	62.3
14.	Near material gate	64.8	61.1
15.	Flaker's section	69.2	65.3
16.	Weigh bridge	67.6	64.0
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

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4. Decision Rule is applied.



**Anjan Pramanik.**  
**(Authorized Signatory)**

-End of Test Report-





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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.

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>					
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane					
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution					
<b>Description of Sample</b>	: DG Noise					
<b>Location Details</b>	: DG-1500KVA					
<b>Date of Sampling</b>	: 03/10/2023	<b>Period of Sampling</b>	: DG Spot			
<b>Start Time of Sampling</b>	: 12:45Hr.	<b>End Time of Sampling</b>	: 12.55Hr			
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL			
<b>Date of Data Receipt</b>	: 05/10/2023	<b>Sample Identification</b>	: N-23/10/03			
<b>Environmental Condition</b>	: <b>Climate:</b> Clear		: <b>Ambient Temp:</b> 32°C			
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.					
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-02					
<b>Calibration Status</b>	: Calibrated on 14/11/2022; calibration due on 13/11/2023					
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023					
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02					
<b>Method of Sampling</b>	: IS 4758 RA:2017					
<b>Sr No.</b>	<b>Location</b>	<b>Sound Pressure Level dB(A)</b>				
		<b>Readings from 0.5 m away from DG</b>				
		<b>East</b>	<b>West</b>	<b>South</b>	<b>North</b>	<b>Avg.</b>
1.	DG-1500KVA					
	Door closed	73.8	72.9	73.5	72.0	73.1
	Door opened	99.2	98.8	99.0	98.6	98.9
						25.9

### 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:

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- DG set Sound Pressure Level measured at 0.5m from the enclosure.
- 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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400109. Mr. Abhijit Kanase ☎770982586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/10/01		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 03/10/2023, 14:30-15:10 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/10/2023		
<b>Date of sample analysis</b>	: 05/10/2023 to 09/10/2023		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527010419 DT. 09.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 29°C		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
Height of stack from ground level (m)	: 46		
Height of sampling point from ground level (m)	: 30		
Diameter of Stack at sampling point (m)	: 1.2		
Area of stack (m <sup>2</sup> )	: 1.131		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption (Ton/hr.)	: 6		
Details of pollution control devices attached with the stack:	: Scrubber, Stack		



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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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

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

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 ✉: <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 23/10/02		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle.		
Date & Time of sampling	:	09/10/2023, 12:00-12:50 hr.		
Sampling Environmental Conditions	:	Temp.:33°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	:	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		
Environmental Condition while Testing	:	Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		



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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 20/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.

**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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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

Name of Customer & Contact Details	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <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: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	:	ST- 23/10/02			
Sample Quantity	:	SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.			
Date & Time of sampling	:	09/10/2023, 12:00-12:50 hr.			
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.			
Transportation Condition	:	Bottles <5°C			
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 & Calibration	:	ST-I-02; Calibration on 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	:	Temperature: 27°C; RH-40%			
<b>A. General Information About Stack:</b>					
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 platform	:	Yes			
<b>B. Physical Characteristics of Stack:</b>					
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 (m <sup>2</sup> )	:	0.283			
<b>C. Analysis/ Characteristic of Stack:</b>					
Fuel used & Consumption	:	--			
Details of pollution control devices attached with the stack:	:	Scrubber + ESP			
<b>D. Result of Sampling &amp; Analysis of Gaseous Emission:</b>					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	3.40	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.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

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

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 ✉ <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 23/10/02		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	:	03/10/2023, 13:10-13:34 hr.		
Sampling Environmental Conditions	:	Temp.:29°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
Transportation Condition	:	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
Sample Monitored & Transported by	:	AESPL		
Date of sample receipt	:	05/10/2023		
Date of sample analysis	:	05/10/2023 to 09/10/2023		
Sampling Equipment Used	:	ST-I-02		
Calibration status	:	25/05/2023 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/LAB/SOP/7.3.1/ST-01		
Environmental Condition while Testing	:	Temperature: 29°C		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.196		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	Diesel		
Fuel consumption (liter/hr.)	:	90		
Details of pollution control devices attached with 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- 23/10/02

Issue Date: 12/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

#### 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)

-End of Test Report-





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

## Test Report (Stack Emission)

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

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai - 400109. Mr. Abhijit Kanase ☎770982586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of site</b>	:	Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>	:	Chemical: Atmospheric Pollution			
<b>Description of sample</b>	:	Stack Emission			
<b>Name of Stack</b>	:	DG, 1500KVA			
<b>Sample Identification number</b>	:	ST- 23/10/11			
<b>Sample Quantity</b>	:	Bladder-01			
<b>Date &amp; Time of sampling</b>	:	03/10/2023, 13:10-13:34 hr.			
<b>Sampling Environmental Conditions</b>	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> :754 mmHg.			
<b>Transportation Condition</b>	:	Bottles < 5°C	Bladder is kept at ambient temperature.		
<b>Sample Monitored &amp; Transported by</b>	:	AESPL			
<b>Date of sample receipt</b>	:	05/10/2023			
<b>Date of sample analysis</b>	:	05/10/2023 to 11/10/2023			
<b>Sampling equipment &amp; Calibration status</b>	:	ST-I-02 - Calibrated on 25/05/2023 Due on 25/05/2024			
<b>Project/ Job number</b>	:	AESPL/Q/2022-23/SHK/22 dt 22.10.22			
<b>Reference of sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of sampling &amp; preservation</b>	:	AESPL/LAB/SOP/7.3.1/ST-01			
<b>A. GENERAL INFORMATION ABOUT STACK:</b>					
Stack Connected to	:	DG, 1500KVA	Emission due to	:	Combustion of Diesel
Shape of stack	:	Circular	stack with permanent platform	:	Yes
<b>B. Physical Characteristics of Stack:</b>					
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
<b>C. Analysis/ Characteristic of Stack:</b>					
Fuel used	:	Diesel	Fuel consumption (lit/day.)	:	90
Details of pollution control devices attached with the stack:					Stack
<b>D. Result of Sampling &amp; Analysis of Gaseous Emission:</b>					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	NMHC	11.53	--	mg/Nm <sup>3</sup>	USEPA-18,1996

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**Anjna Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/10/03

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 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 23/10/03		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :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 plastic container	Bladders at 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-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		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/10/03

Issue Date: 16/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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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)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/10/04

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 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
Name of Site	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
Discipline & Group	: Chemical: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 23/10/04		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 09/10/2023, 15:00 to 15:28 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	: 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		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/10/04

Issue Date: 16/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.



**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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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

Name of Customer & Contact Details	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai - 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 23/10/05		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :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 plastic container	Bladders at 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-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		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG + Mixed oil	
Fuel consumption	:	72 Sm <sup>3</sup> /hr. + 1965 kg/hr.	
Details of pollution control devices attached with the stack:	:	Stack	



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/10/05

Issue Date: 16/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/10/07		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 09/10/2023, 11:30-11:58 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 10/10/2023		
<b>Date of sample analysis</b>	: 11/10/2023 to 14/10/2023		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	50 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with 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- 23/10/07

Issue Date: 16/10/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/10/08		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 09/10/2023, 13:00-13:32 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 10/10/2023		
<b>Date of sample analysis</b>	: 11/10/2023 to 14/10/2023		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	1035	
Details of pollution control devices attached with 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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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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)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/10

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	ETP Inlet
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	10.50 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/10
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 28°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>		
1.	pH @ 25°C	6.92	APHA-2017(4500H <sup>+</sup> -B)		
2.	Suspended Solids @ 103°C, mg/l	82	APHA-2017(2540-D)		
3.	Chemical Oxygen Demand, mg/l	3450	APHA-2017(5220-B)		
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	1260	IS-3025 (Part 44) RA2019		
5.	Total Dissolved Solids @ 180°C,	950	APHA-2017(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l	520	APHA-2017(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	170	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)		
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	APHA-2017(4500NH <sub>3</sub> -B&C)		
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2017(5540-C)		
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019		

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/11

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	ETP - Outlet
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	11.00 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/11
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 28°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr. No.</b>	<b>Parameter with unit</b>	<b>Result</b>	<b>MPCB Consent Limit</b>	<b>Method of analysis</b>	
1.	pH @ 25°C	7.32	6.0 to 8.5	APHA-2017(4500H+-B)	
2.	Suspended Solids @ 103°C, mg/l	16	< 100	APHA-2017(2540-D)	
3.	Chemical Oxygen Demand, mg/l	60	< 250	APHA-2017(5220-B)	
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	22	< 100	IS-3025 (P-44) RA2019	
5.	Total Dissolved Solids @ 180°C, mg/l	610	< 2100	APHA-2017(2540-C)	
6.	Chloride as Cl <sup>-</sup> , mg/l	105	< 600	APHA-2017(4500Cl-B)	
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	80	< 1000	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)	
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	< 50	APHA-2017(4500NH <sub>3</sub> -B&C)	
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5	APHA-2017(5540-C)	
10.	Oil & Grease, mg/l	< 2.0	< 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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- Decision Rule is applied.

**Reshma S. Patil  
(Authorized Signatory)**

End of Test Report

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/12

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	RO 1 Product
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	10.00 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/12
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 28°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>		
1.	pH @ 25°C	7.22	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)		
5.	Total Dissolved Solids@ 180°C, mg/l	100	APHA-2017(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l	25	APHA-2017(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	50	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)		
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)		
9.	Hardness CaCO <sub>3</sub> , mg/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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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 24.04.2024Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/13

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	RO 2 Product
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	10.15 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/13
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 32°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>		
1.	pH @ 25°C	7.15	APHA-2017(4500H <sup>+</sup> -B)		
2.	Turbidity, NTU	<2.0	APHA-2017(2130-B)		
3.	Suspended Solids @ 103°C, mg/l	6.0	APHA-2017(2540-D)		
4.	Chemical Oxygen Demand, mg/l	20	APHA-2017(5220-B)		
5.	Total Dissolved Solids@ 180°C, mg/l	100	APHA-2017(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l	30	APHA-2017(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	6.8	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)		
8.	Residual Chlorine, mg/l	< 0.56	APHA-2017(4500Cl <sup>-</sup> -B)		
9.	Hardness CaCO <sub>3</sub> , mg/l	50	APHA-2017(2340-C)		
10.	Iron as Fe, mg/l	0.031	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/14

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	RO 3 Product
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	10.20 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/14
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 32°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr.No.</b>		<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>	
1.		pH @ 25°C	7.31	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)	
5.		Total Dissolved Solids@ 180°C, mg/l	490	APHA-2017(2540-C)	
6.		Chloride as Cl <sup>-</sup> , mg/l	72	APHA-2017(4500Cl <sup>-</sup> -B)	
7.		Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	52	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)	
8.		Residual Chlorine, mg/l	<0.56	APHA-2017(4500Cl <sup>-</sup> -B)	
9.		Hardness CaCO <sub>3</sub> , mg/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	

**Note:**

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/10/15

Issue Date: 12/10/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	RO 3 Reject
<b>Date of Sample Drawn</b>	:	03/10/2023	<b>Time of Sample Drawn</b>	:	10.05 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	05/10/2023	<b>Sample Identification</b>	:	W- 23/10/15
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	05/10/2023 to 10/10/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 32°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 29°C and Humidity: 69%			
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>		
1.	pH @ 25°C	7.53	APHA-2017(4500H <sup>+</sup> -B)		
2.	Turbidity, NTU	<2.0	APHA-2017(2130-B)		
3.	Suspended Solids @ 103°C, mg/l	36	APHA-2017(2540-D)		
4.	Chemical Oxygen Demand, mg/l	710	APHA-2017(5220-B)		
5.	Total Dissolved Solids@ 180°C, mg/l	1480	APHA-2017(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l	370	APHA-2017(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	1010	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)		
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)		
9.	Hardness CaCO <sub>3</sub> , mg/l	1080	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		

**Note:**

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-23/10/02**Issue Date:** 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/02
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.265	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.048	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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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



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

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

## Test Report (Workplace)

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

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/03
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.226	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.047	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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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/10/04

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/04
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.262	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.034	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

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

## Test Report (Workplace)

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

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/05
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.260	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.046	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

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

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/06
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.028	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-23/10/07**Issue Date:** 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid -Ground floor		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/07
<b>Sample Quantity &amp;</b>	: nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.252	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
nMHC, ppm	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).**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)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/10/08

Issue Date: 09/10/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 04/10/2023		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 05/10/2023	<b>Sample</b>	: A-23/10/08
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 05/10/2023 to 07/10/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.022	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.203	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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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)

-End of Test Report-



**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](mailto:pglab@aespl.co.in)Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7115

**Test Report  
(Ambient Air)****Ref. No.:** AESPL/LAB/C/ A-23/11/02**Issue Date:** 11/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Main Gate				
<b>Date of Sampling</b>	: 01/11/2023 to 02/11/2023				
<b>Sampling Time</b>	: 10:00 to 10:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: A-23/11/02		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>11-1</sub> ;PM <sub>2.5-1</sub> ;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 03/11/2023 to 10/11/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	Filter papers in plastic container	Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-06 & FDS-I-06				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 35%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	41.43	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	51.16	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	151.99	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	64.58	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.95	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	24.55	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	45.38	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	11 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> & PM<sub>2.5</sub> 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)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7115

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/11/03

Issue Date: 11/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near ETP				
<b>Date of Sampling</b>	: 01/11/2023 to 02/11/2023				
<b>Sampling Time</b>	: 10:50 to 10:50 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: A-23/11/03		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>11-1</sub> ;PM <sub>2.5-1</sub> ;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 03/11/2023 to 10/11/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-07 & FDS-I-07				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 35%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	34.53	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	42.54	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	122.13	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	50.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.78	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	19.53	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	37.94	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	11 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> 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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7115

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/11/04

Issue Date: 11/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Material Gate				
<b>Date of Sampling</b>	: 01/11/2023 to 02/11/2023				
<b>Sampling Time</b>	: 10:15 to 10:15 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: A-23/11/04		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>11-1</sub> ;PM <sub>2.5-1</sub> ;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 03/11/2023 to 10/11/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-10 & FDS-I-01				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 35%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	44.39	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	56.91	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	130.33	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	55.00	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.96	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	28.45	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	50.59	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	11 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> 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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7115

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/11/05

Issue Date: 11/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: AOS Plant				
<b>Date of Sampling</b>	: 01/11/2023 to 02/11/2023				
<b>Sampling Time</b>	: 10:30 to 10:30 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: A-23/11/04		
<b>Sample Quantity &amp; Container</b>	: SO <sub>2</sub> :1 Bottle; NO <sub>x</sub> :1 Bottle; PM <sub>11-1</sub> ;PM <sub>2.5-1</sub> ;Bladder:1,Charcoal tube-1				
<b>Date of Sample Analysis</b>	: 03/11/2023 to 10/11/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:27-33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-02 & FDS-I-02				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 35%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	37.49	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	60.36	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	141.67	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	69.17	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.88	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	22.59	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	54.31	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	11 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> & PM<sub>2.5</sub> 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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/11/03

Issue Date: 06/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 01/11/2023	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 12.00 Hr. - 12.30Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 22.00 Hr.-22.30Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: N-23/11/03
<b>Environmental Condition</b>	: Climate:Semi Cloudy	<b>Ambient Temp:</b> 27°C to 32°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-09		
<b>Calibration Status</b>	: Calibrated on 21/02/2023; calibration due on 20/02/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near ETP	69.2	65.0
2.	FAD Plant	66.7	62.9
3.	Tank farm	67.2	61.8
4.	Near FSP/GDP/SWE Plant	68.9	66.8
5.	Near boiler house	67.0	65.0
6.	Engineering stores	59.0	58.2
7.	AOS Plant	58.5	57.2
8.	Main gate	62.9	58.5
9.	Time office	61.5	58.0
10.	Near canteen	60.0	59.3
11.	Near DG	59.8	57.6
12.	DM Plant	62.7	60.5
13.	RM Plant	65.3	62.6
14.	Near material gate	67.0	60.2
15.	Flaker's section	62.9	60.8
16.	Weigh bridge	62.8	60.2
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

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4. Decision Rule is applied.



**Anjan Pramanik.**  
**(Authorized Signatory)**

-End of Test Report-



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

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



TC-7115

## Test Report (Stack Emission)

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

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 ✉: <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 23/11/02		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle.		
Date & Time of sampling	:	01/11/2023, 12:00-12:50 hr.		
Sampling Environmental Conditions	:	Temp.:33°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-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	:	Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		



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



TC-7115

## Test Report (Stack Emission)

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

Issue Date: 09/11/2023

D. Result of Sampling & Analysis of Gaseous Emission:					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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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)

-End of Test Report-



# 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](mailto: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

Name of Customer & Contact Details	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <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: Atmospheric Pollution
Description of sample	:	Stack Emission
Sample Identification number	:	ST- 23/11/02
Sample Quantity	:	SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.
Date & Time of sampling	:	01/11/2023, 10:00-11:00 hr.
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.
Transportation Condition	:	Bottles <5°C
Sample Monitored & Transported by	:	AESPL
Date of sample receipt	:	04/11/2023
Date of sample analysis	:	04/11/2023 to 08/11/2023
Sampling Equipment used & Calibration	:	ST-I-02; Calibration on 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	:	Temperature: 27°C; RH-35%

### 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 platform	:	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 (m <sup>2</sup> )	:	0.283

### C. Analysis/ Characteristic of Stack:

Fuel used & Consumption	:	--
Details of pollution control devices attached with the stack:	:	Scrubber + ESP

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	2.00	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.



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-



**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](mailto:pglab@aespl.co.in)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>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/11/11		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/11/2023, 13:45-14:09 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/11/2023		
<b>Date of sample analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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

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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/11/04

Issue Date: 11/11/2023

Name of Customer & Contact Details	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
Name of Site	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
Discipline & Group	: Chemical: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 23/11/04		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 01/11/2023, 15:00 to 15:28 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	: 05/11/2023		
Date of sample analysis	: 05/11/2023 to 11/11/2023		
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		
Environmental Condition while Testing	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/11/04

Issue Date: 09/11/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.



**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/11/05		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/11/2023, 09:00-09:20 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/11/2023		
<b>Date of sample analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG + Mixed oil	
Fuel consumption	:	72 Sm <sup>3</sup> /hr. + 1965 kg/hr.	
Details of pollution control devices attached with the stack:	:	Stack	



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

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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

#### 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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7115

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 23/11/06**Issue Date:** 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/11/06		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/11/2023, 10:00-10:34 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/11/2023		
<b>Date of sample analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption	: Briquette 50 ton/hr.		
Details of pollution control devices attached with the stack:	: Scrubber, 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- 23/11/06

Issue Date: 09/11/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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)

-End of Test Report-



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TC-7115

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 23/11/07

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/11/07		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/11/2023, 11:30-11:58 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/11/2023		
<b>Date of sample analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	50 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with the stack:	:	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. Result of Sampling & Analysis of Gaseous Emission:					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7115

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 23/11/08

Issue Date: 11/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/11/08		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>x</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/11/2023, 13:00-13:32 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/11/2023		
<b>Date of sample analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-35%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	1035	
Details of pollution control devices attached with the stack:	:	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- 23/11/08

Issue Date: 09/11/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/11

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	ETP Inlet
<b>Date of Sample Drawn</b>	:	02/11/2023	<b>Time of Sample Drawn</b>	:	10.45 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	02/11/2023	<b>Sample Identification</b>	:	W- 23/11/11
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	02/11/2023 to 06/11/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 30.2°C and Humidity: 57%			
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>		
1.	pH @ 25°C	6.85	APHA-2017(4500H <sup>+</sup> -B)		
2.	Suspended Solids @ 103°C, mg/l	72	APHA-2017(2540-D)		
3.	Chemical Oxygen Demand, mg/l	3490	APHA-2017(5220-B)		
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	1265	IS-3025 (Part 44) RA2019		
5.	Total Dissolved Solids @ 180°C,	910	APHA-2017(2540-C)		
6.	Chloride as Cl <sup>-</sup> , mg/l	470	APHA-2017(4500Cl <sup>-</sup> -B)		
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	165	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)		
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	APHA-2017(4500NH <sub>3</sub> -B&C)		
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2017(5540-C)		
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019		

**Note:**

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/12

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane			
<b>Nature of Sample</b>	:	Effluent	<b>Location of Sample</b>	:	ETP - Outlet
<b>Date of Sample Drawn</b>	:	02/11/2023	<b>Time of Sample Drawn</b>	:	10.30 am
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	:	02/11/2023	<b>Sample Identification</b>	:	W- 23/11/12
<b>Sample Quantity &amp; Container</b>	:	A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	:	02/11/2023 to 06/11/2023			
<b>Environmental Conditions at site</b>	:	Water Temperature: 26°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	:	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.			
<b>Project/ Job number</b>	:	2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 30.2°C and Humidity: 57%			
<b>Sr. No.</b>	<b>Parameter with unit</b>	<b>Result</b>	<b>MPCB Consent Limit</b>	<b>Method of analysis</b>	
1.	pH @ 25°C	7.28	6.0 to 8.5	APHA-2017(4500H <sup>+</sup> -B)	
2.	Suspended Solids @ 103°C, mg/l	14	< 100	APHA-2017(2540-D)	
3.	Chemical Oxygen Demand, mg/l	70	< 250	APHA-2017(5220-B)	
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	24	< 100	IS-3025 (P-44) RA2019	
5.	Total Dissolved Solids @ 180°C, mg/l	590	< 2100	APHA-2017(2540-C)	
6.	Chloride as Cl <sup>-</sup> , mg/l	95	< 600	APHA-2017(4500Cl <sup>-</sup> -B)	
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	75	< 1000	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)	
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	< 50	APHA-2017(4500NH <sub>3</sub> -B&C)	
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5	APHA-2017(5540-C)	
10.	Oil & Grease, mg/l	< 2.0	< 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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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.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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](mailto:pglab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/13

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 1 Product
<b>Date of Sample Drawn</b>	: 02/11/2023	<b>Time of Sample Drawn</b>	: 11.05 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: W- 23/11/13
<b>Sample Quantity &amp; Container</b>	: F-1lit, Plastic can		
<b>Date of Sample Analysis</b>	: 02/11/2023 to 06/11/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: Water Temperature: < 6°C, Cold storage.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 30.2°C and Humidity: 57%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.18	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	10	APHA-2017(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	90	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	23	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	48	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	58	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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

**Note:**

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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](mailto:pglab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/14

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 2 Product
<b>Date of Sample Drawn</b>	: 02/11/2023	<b>Time of Sample Drawn</b>	: 11.05 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: W- 23/11/14
<b>Sample Quantity &amp; Container</b>	: F-1lit, Plastic can		
<b>Date of Sample Analysis</b>	: 02/11/2023 to 06/11/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 28°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: Water Temperature: < 6°C, Cold storage.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 30.2°C and Humidity: 57%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.21	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	110	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	32	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	7.1	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	< 0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	52	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.031	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;ISO 45001:2018

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

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/15

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Product
<b>Date of Sample Drawn</b>	: 02/11/2023	<b>Time of Sample Drawn</b>	: 11.20 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: W- 23/11/15
<b>Sample Quantity &amp; Container</b>	: F-1lit, Plastic can		
<b>Date of Sample Analysis</b>	: 02/11/2023 to 06/11/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: Water Temperature: < 6°C, Cold storage.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 30.2°C and Humidity: 57%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.29	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	460	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	68	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	50	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	<0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	52	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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](mailto:pglab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/11/16

Issue Date: 08/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Reject
<b>Date of Sample Drawn</b>	: 02/11/2023	<b>Time of Sample Drawn</b>	: 11.20 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/11/2023	<b>Sample Identification</b>	: W- 23/11/16
<b>Sample Quantity &amp; Container</b>	: F-1lit, Plastic can		
<b>Date of Sample Analysis</b>	: 02/11/2023 to 06/11/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 28°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: Water Temperature: < 6°C, Cold storage.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 30.2°C and Humidity: 57%		
Sr.No.	Parameter	Result	Method of analysis
1.	pH @ 25°C	7.48	APHA-2017(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2017(2130-B)
3.	Suspended Solids @ 103°C, mg/l	34	APHA-2017(2540-D)
4.	Chemical Oxygen Demand, mg/l	690	APHA-2017(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	1350	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	180	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	1120	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	1120	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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

**Note:**

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)**

Ref: AESPL/LAB/C/WP-23/11/01

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/01
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.360	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.112	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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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

## Test Report (Workplace)

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

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/02
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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:

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)**

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

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid -Ground floor		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/03
<b>Sample Quantity &amp;</b>	: nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.382	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
nMHC, ppm	0.24	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.
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)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/11/04

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/04
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.356	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.124	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:

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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/11/05

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/05
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.314	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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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

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

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/06
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.326	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.120	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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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)

-End of Test Report-





# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/11/07

Issue Date: 09/11/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 02/11/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 03/11/2023	<b>Sample</b>	: A-23/11/07
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/11/2023 to 07/11/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.317	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.126	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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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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/12/06

Issue Date: 13/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near AOS plant				
<b>Date of Sampling</b>	: 01/12/2023 to 02/12/2023				
<b>Sampling Time</b>	: 09:30 to 09:30 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample Identification</b>	: A-23/12/06		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 04/12/2023 to 11/12/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-05 & FDS-I-05				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	33.54	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	52.31	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	140.97	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	62.50	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.80	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	15.06	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	45.01	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> & PM<sub>2.5</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.
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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Ambient Air)****Ref. No.:** AESPL/LAB/C/ A-23/12/07**Issue Date:** 13/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Material gate				
<b>Date of Sampling</b>	: 01/12/2023 to 02/12/2023				
<b>Sampling Time</b>	: 10:00 to 10:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample Identification</b>	: A-23/12/07		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 04/12/2023 to 11/12/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-04 & FDS-I-04				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	38.47	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	48.29	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	157.79	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	68.00	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.88	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	18.97	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	42.41	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> & PM<sub>2.5</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.
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)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Ambient Air)****Ref. No.:** AESPL/LAB/C/ A-23/12/08**Issue Date:** 13/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near ETP				
<b>Date of Sampling</b>	: 01/12/2023 to 02/12/2023				
<b>Sampling Time</b>	: 10:30 to 10:30 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample Identification</b>	: A-23/12/08		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 04/12/2023 to 11/12/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-06 & FDS-I-06				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
<b>Sr. No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Limits #</b>	<b>Unit</b>	<b>Method of Analysis</b>
1.	Sulphur dioxide as SO <sub>2</sub>	28.61	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	45.41	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	174.25	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	88.75	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.75	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	21.76	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	32.36	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<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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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)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel:9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Ambient Air)****Ref. No.:** AESPL/LAB/C/ A-23/12/09**Issue Date:** 13/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Main gate				
<b>Date of Sampling</b>	: 01/12/2023 to 02/12/2023				
<b>Sampling Time</b>	: 11:00 to 11:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample Identification</b>	: A-23/12/09		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 04/12/2023 to 11/12/2023				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-07 & FDS-I-07				
<b>Calibration Status</b>	: Calibration on 31/12/2022 due on 30/12/2023				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	31.57	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	54.03	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	152.89	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	55.00	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.77	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	23.54	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	40.55	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.**Note:**

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4. Decision Rule is applied.

**Anjan Pramanik  
(Authorized Signatory)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/12/05

Issue Date: 07/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 01/12/2023	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 10.00 Hr. - 10.40Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 22.00 Hr.-22.40Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 04/12/2023	<b>Sample Identification</b>	: N-23/12/05
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 27°C to 32°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-02		
<b>Calibration Status</b>	: Calibrated on 28/11/2023; calibration due on 27/11/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		

Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime 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 Plant	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	66.8	60.2
15.	Flaker's section	64.8	61.2
16.	Weigh bridge	65.5	59.9
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

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4. Decision Rule is applied.



**Anjan Pramanik.**  
**(Authorized Signatory)**

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/12/03

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 ✉: <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 23/12/03		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Acidmist-1 Bottle.		
Date & Time of sampling	:	01/12/2023, 10:00-10:40 hr.		
Sampling Environmental Conditions	:	Temp.:33°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	:	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		
Environmental Condition while Testing	:	Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		



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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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/12/03

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### Note:

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-





# 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](mailto:pglab@aespl.co.in)

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

Name of Customer & Contact Details	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <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: Atmospheric Pollution
Description of sample	:	Stack Emission
Sample Identification number	:	ST- 23/12/02
Sample Quantity	:	SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.
Date & Time of sampling	:	01/12/2023, 10:00-10:40 hr.
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.
Transportation Condition	:	Bottles <5°C
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 & Calibration	:	ST-I-02; Calibration on 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	:	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 platform	:	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 (m <sup>2</sup> )	:	0.283

### C. Analysis/ Characteristic of Stack:

Fuel used & Consumption	:	--
Details of pollution control devices attached with the stack:	:	Scrubber + ESP

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	1.53	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.

#### Note:

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- Decision Rule is applied.



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

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

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 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 ✉ <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: 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 plastic container	: Bladders at 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		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/12/04

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 23/12/05

Issue Date: 12/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/12/05		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/12/2023, 12:40 to 13:12 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/12/2023		
<b>Date of sample analysis</b>	: 05/12/2023 to 09/12/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	:	Yes	
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	--	
Fuel consumption	:	--	
Details of pollution control devices attached with the stack:	:	Cyclone + Bag filter	



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/12/05

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### 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.



**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 23/12/06

Issue Date: 12/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/12/06		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/12/2023, 09:00-09:32 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/12/2023		
<b>Date of sample analysis</b>	: 05/12/2023 to 09/12/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	180	
Details of pollution control devices attached with 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- 23/12/06

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/12/07		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/12/2023, 10:20-10:48 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/12/2023		
<b>Date of sample analysis</b>	: 05/12/2023 to 09/12/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	56 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with 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- 23/12/07

Issue Date: 12/12/2023

D. Result of Sampling & Analysis of Gaseous Emission:					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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4. Decision Rule is applied.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/12/08

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 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 23/12/08		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 02/12/2023, 11:30-12:04 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	: 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		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG + Mixed oil	
Fuel consumption	:	57 Sm <sup>3</sup> /hr. + 1570 kg/hr.	
Details of pollution control devices attached with 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- 23/12/08

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### Note:

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4. Decision Rule is applied.



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)**

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

Issue Date: 12/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/12/09		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/12/2023, 12:45-13:21 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/12/2023		
<b>Date of sample analysis</b>	: 05/12/2023 to 09/12/2023		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption	: Briquette 50 ton/hr.		
Details of pollution control devices attached with the stack:	: Scrubber, Stack		



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 12/12/2023

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### 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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400099. Mr. Abhijit Kanase. ☎770982586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 23/12/10		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/12/2023, 14:00-14:28 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 05/12/2023		
<b>Date of sample analysis</b>	: 05/12/2023 to 09/12/2023		
<b>Sampling Equipment Used</b>	: ST-I-01		
<b>Calibration status</b>	: 14/01/2023 to 14/01/2024		
<b>Project/ Job number</b>	: PO#2527009419 DT. 09.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Briquette	
Fuel consumption (Kg/hr.)	:	--	
Details of pollution control devices attached with the stack:	:	Wet Scrubber	



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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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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

**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)

-End of Test Report-

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/12/13

Issue Date: 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Reject
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.00 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/13
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.52	APHA-2017(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2017(2130-B)
3.	Suspended Solids @ 103°C, mg/l	38	APHA-2017(2540-D)
4.	Chemical Oxygen Demand, mg/l	630	APHA-2017(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	12900	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	160	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	1090	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	1136	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/12/14

Issue Date: 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Product
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.10 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/14
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.25	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	30	APHA-2017(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	390	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	65	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	44	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	<0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	56	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/12/15

Issue Date: 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 2 Product
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.15 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/15
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%		
Sr.No.	Parameter	Result	Method of analysis
1.	pH @ 25°C	7.28	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	100	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	28	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	8.4	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	< 0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	54	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.031	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

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TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/12/16

Issue Date: 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 1 Product
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.20 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/16
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%		
Sr.No.	Parameter	Result	Method of analysis
1.	pH @ 25°C	7.15	APHA-2017(4500H <sup>+</sup> -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 Demand, mg/l	20	APHA-2017(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	100	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	25	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	50	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	APHA-2017(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	56	APHA-2017(2340-C)
10.	Iron as Fe, mg/l	0.030	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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**

TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-23/12/17**Issue Date:** 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane			
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP - Outlet	
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.30 am	
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL	
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/17	
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle			
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023			
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	: 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.			
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%			
<b>Sr. No.</b>	<b>Parameter with unit</b>	<b>Result</b>	<b>MPCB Consent Limit</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.20	6.0 to 8.5	APHA-2017(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	12	< 100	APHA-2017(2540-D)
3.	Chemical Oxygen Demand, mg/l	60	< 250	APHA-2017(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	18	< 100	IS-3025 (P-44) RA2019
5.	Total Dissolved Solids @ 180°C, mg/l	520	< 2100	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	90	< 600	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	70	< 1000	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	< 50	APHA-2017(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5	APHA-2017(5540-C)
10.	Oil & Grease, mg/l	< 2.0	< 10	IS-3025 (P-39) RA2019

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

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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](mailto:pglab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-23/12/18

Issue Date: 08/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP Inlet
<b>Date of Sample Drawn</b>	: 02/12/2023	<b>Time of Sample Drawn</b>	: 10.40 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/12/2023	<b>Sample Identification</b>	: W- 23/12/18
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 02/12/2023 to 06/12/2023		
<b>Environmental Conditions at site</b>	: Water Temperature: 29°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.7°C and Humidity: 59%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.90	APHA-2017(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	82	APHA-2017(2540-D)
3.	Chemical Oxygen Demand, mg/l	3510	APHA-2017(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	1275	IS-3025 (Part 44) RA2019
5.	Total Dissolved Solids @ 180°C,	890	APHA-2017(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	450	APHA-2017(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	170	APHA-2017(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	APHA-2017(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2017(5540-C)
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019

**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.

**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-23/12/01**Issue Date:** 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/01
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.374	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.123	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:**

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)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)**

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

Issue Date: 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/02
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.032	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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:**

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/12/03

Issue Date: 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	:	Workplace		
<b>Location of Sampling</b>	:	Fatty acid -Ground floor		
<b>Date of Sampling</b>	:	02/12/2023		
<b>Sampling Time</b>	:	1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	04/12/2023	<b>Sample</b>	: A-23/12/03
<b>Sample Quantity &amp;</b>	:	nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	:	04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	:	Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	:	Filter papers in plastic container		
<b>Sampling Equipment</b>	:	High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	:	Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>	
SPM, mg/m <sup>3</sup>	0.367	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017	
nMHC, ppm	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).

**Note:**

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-





# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/12/04

Issue Date: 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/04
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.360	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.127	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:

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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/12/05

Issue Date: 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/05
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.036	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.307	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:**

1. The test report shall not be reproduced except in full, without written approval of laboratory.
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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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-23/12/06**Issue Date:** 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/06
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.336	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.130	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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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)**

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-23/12/07

Issue Date: 09/12/2023

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 02/12/2023		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 04/12/2023	<b>Sample</b>	: A-23/12/07
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/12/2023 to 07/12/2023		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/12/2023		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.322	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.120	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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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

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

Issue Date: 19/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Material gate				
<b>Date of Sampling</b>	: 08/01/2024 to 09/01/2024				
<b>Sampling Time</b>	: 09:30 to 09:30 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: A-24/01/30		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 10/01/2024to 17/01/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-04 & FDS-I-04				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	29.33	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	42.54	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	127.89	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	45.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.95	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	16.91	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	32.22	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

**Note:**

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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/31

Issue Date: 19/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Main gate				
<b>Date of Sampling</b>	: 08/01/2024 to 09/01/2024				
<b>Sampling Time</b>	: 09:45 to 09:45 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: A-24/01/31		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 10/01/2024 to 17/01/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-05 & FDS-I-05				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	39.89	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	49.43	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	124.10	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	37.50	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.88	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	20.61	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	43.94	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/32

Issue Date: 19/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near ETP				
<b>Date of Sampling</b>	: 08/01/2024 to 09/01/2024				
<b>Sampling Time</b>	: 10:00 to 10:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: A-24/01/32		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 10/01/2024 to 17/01/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-06 & FDS-I-06				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	23.46	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	36.79	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	119.50	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	50.00	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.85	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	14.53	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	28.64	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/01/33

Issue Date: 19/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near AOS				
<b>Date of Sampling</b>	: 08/01/2024 to 09/01/2024				
<b>Sampling Time</b>	: 10:20 to 10:20 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: A-24/01/33		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 10/01/2024 to 17/01/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:26-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-09 & FDS-I-09				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	26.98	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	46.56	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	138.94	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	46.25	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.75	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	22.19	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	36.13	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

**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.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-





# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Illumination)

Ref. No.: AESPL/LAB/C/L-23/01/03

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586 Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Monitoring Details</b>	: Daytime & Nighttime		
<b>Location Details</b>	: At the Periphery of Site		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: 50 min
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 12.15 hr - 13.05hr	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 20.30 pm-21.20hr
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: L-24/01/03
<b>Environmental</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 29°C-31°C	
<b>Transportation Condition</b>	: Illumination Data sheet is kept in folder and safely transported to laboratory along with Lux meter.		
<b>Sampling Equipment</b>	: Testo Lux-540 L-I-01		
<b>Calibration Status</b>	: Calibrated on 18/08/2023; calibration due on 17/08/2024		
<b>Project/ Job Number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 3646: RA2018		

Sr. No.	Location	Location Categories as per MFR - Rule No. 35 based on Schedule 'A'/'B'	Lux Level		Recommended Illumination as per MFR - Rule No. 35 - Std. of Lighting in factories
			Day time	Night time	
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

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 discrimination essential)	163	150	100
27.	Main Substation	Substation (slight discrimination 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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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.



**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/01/38

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 11.30 Hr. - 12.30Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 22.40 Hr.-23.40Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/38
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 27°C to 30°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-08		
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near ETP	69.8	67.5
2.	FAD Plant	66.2	61.9
3.	Tank farm	62.9	59.8
4.	Near FSP/GDP/SWE Plant	66.7	62.5
5.	Near boiler house	70.1	68.5
6.	Engineering stores	63.2	59.0
7.	AOS Plant	59.0	57.5
8.	Main gate	66.1	62.9
9.	Time office	65.4	60.0
10.	Near canteen	66.0	63.3
11.	Near DG	59.5	57.9
12.	DM Plant	63.5	62.0
13.	RM Plant	64.9	61.8
14.	Near material gate	67.8	65.0
15.	Flaker's section	66.2	61.9
16.	Weigh bridge	65.7	64.3
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

**Note:**

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**Anjan Pramanik.**  
**(Authorized Signatory)**

-End of Test Report-



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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/01/39

Issue Date: 11/01/2024.

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>						
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane						
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution						
<b>Description of Sample</b>	: DG Noise						
<b>Location Details</b>	: DG-1500KVA						
<b>Date of Sampling</b>	: 09/01/2024	<b>Period of Sampling</b>	: DG Spot				
<b>Start Time of Sampling</b>	: 12:40Hr.	<b>End Time of Sampling</b>	: 12.50Hr				
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL				
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/39				
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 29°C					
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-08						
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024						
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023						
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02						
<b>Method of Sampling</b>	: IS 4758 RA:2017						
<b>Sr No.</b>	<b>Location</b>	<b>Sound Pressure Level dB(A)</b>				<b>Avg.</b>	<b>Difference</b>
		<b>Readings from 0.5 m away from DG</b>					
		<b>East</b>	<b>West</b>	<b>South</b>	<b>North</b>		
1.	DG-1500KVA						
	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	

### 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)

-End of Test Report-



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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/01/40

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Workplace Noise		
<b>Location Details</b>	: AOS Plant Air Dryer Bed		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: 08 hrs.
<b>Start Time of Sampling</b>	: 10.00 hr.	<b>End Time of Sampling</b>	: 18.00 hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/40
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C-34°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-05		
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Time (hrs.)</b>	<b>Location: AOS Plant Air Dryer Bed</b>		
10.00 to 11.00	83.1		
11.00 to 12.00	84.6		
12.00 to 13.00	85.2		
13.00 to 14.00	84.8		
14.00 to 15.00	84.5		
15.00 to 16.00	86.7		
16.00 to 17.00	87.1		
17.00 to 18.00	86.4		
<b>Avg. SPL</b>	<b>85.3</b>		
<b>Limit as per Factory Act</b>	<b>90</b>		

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

**Note:**

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/01/41

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Workplace Noise		
<b>Location Details</b>	: DM Plant Air Compressor		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: 08 hrs.
<b>Start Time of Sampling</b>	: 10.00 hr.	<b>End Time of Sampling</b>	: 18.00 hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/41
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C-34°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-06		
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Time (hrs.)</b>	<b>Location: DM Plant Air Compressor</b>		
10.00 to 11.00	83.1		
11.00 to 12.00	83.5		
12.00 to 13.00	82.9		
13.00 to 14.00	82.4		
14.00 to 15.00	85.3		
15.00 to 16.00	84.6		
16.00 to 17.00	85.8		
17.00 to 18.00	84.7		
<b>Avg. SPL</b>	<b>84.0</b>		
<b>Limit as per Factory Act</b>	<b>90</b>		

**Conformity Statement:** Noise Levels at given location are found 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.



**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/01/42

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Workplace Noise		
<b>Location Details</b>	: Flaker Plant Section		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: 08 hrs.
<b>Start Time of Sampling</b>	: 10.00 hr.	<b>End Time of Sampling</b>	: 18.00 hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/42
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C-34°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-02		
<b>Calibration Status</b>	: Calibrated on 28/11/2023; calibration due on 27/11/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Time (hrs.)</b>	<b>Location: Flaker Plant Section</b>		
10.00 to 11.00	76.2		
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		
16.00 to 17.00	76.8		
17.00 to 18.00	75.4		
<b>Avg. SPL</b>	<b>75.1</b>		
<b>Limit as per Factory Act</b>	<b>90</b>		

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

### Note:

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Workplace Noise		
<b>Location Details</b>	: AOS plant Sulphur melter		
<b>Date of Sampling</b>	: 08/01/2024	<b>Period of Sampling</b>	: 08 hrs.
<b>Start Time of Sampling</b>	: 10.00 hr.	<b>End Time of Sampling</b>	: 18.00 hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: N-24/01/43
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 28°C-34°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-03		
<b>Calibration Status</b>	: Calibrated on 28/11/2023; calibration due on 27/11/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Time (hrs.)</b>	<b>Location: AOS plant Sulphur melter</b>		
10.00 to 11.00	81.2		
11.00 to 12.00	82.6		
12.00 to 13.00	82.5		
13.00 to 14.00	83.2		
14.00 to 15.00	83.0		
15.00 to 16.00	84.1		
16.00 to 17.00	84.2		
17.00 to 18.00	82.8		
<b>Avg. SPL</b>	<b>82.9</b>		
<b>Limit as per Factory Act</b>	<b>90</b>		

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

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222,  
 E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in) Tel: 9112844844,  
 CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Test Report  
(Soil)**

Ref. No.: AESPL/LAB/C/S-24/01/02

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>	
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant. Dist-Thane	
<b>Nature of Sample</b>	: Soil	<b>Location of Sample</b>	: East M.G.1
<b>Date of Sample Drawn</b>	: 08/01/2024	<b>Time of Sample Drawn</b>	: 02:30 pm
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: S-24/01/02
<b>Sample Quantity &amp; Container</b>		: 1kg; PG bag & Aluminum container	
<b>Date of Sample Analysis</b>		: 09/01/2024 to 15/01/2024	
<b>Environmental Conditions at site</b>		: Area: Clean, Colour: Brown	
<b>Transportation Condition</b>		: Kept soil in polythene bag in a dry place	
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023	
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02	
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/S-01	
<b>Environmental Condition while Testing</b>		: Ambient Temperature: 28.8°C and Humidity: 45%	
Sr.no	Parameter with Unit	Result	Method of analysis
1.	pH@ 25°C	6.68	IS 2720 (part 26); RA2021
2.	Conductivity@ 25°C,	488.2	IS-14767; RA 2021
3.	Water content, %	8.4	IS 2720 (part 2); RA2020
4.	WHC, %	36	AESPL/LAB/SOP/7.2.1.2/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,	44	AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22
8.	Potassium as K, kg/hector	80	AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
9.	Chloride, mg/kg	30	AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22
10.	Available Sulphur, mg/kg	54	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
11.	Sodium as Na, mg/kg	70	IS-9497; RA 2015
12.	Calcium as Ca, meq/l	38	AESPL/LAB/SOP/7.2.1.2/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	< 0.2	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>	0.94	AESPL/LAB/SOP/7.2.1.2/S-16; 01.07.22
17.	Color	Brown	AESPL/LAB/SOP/7.2.1.2/S-22; 01.07.22
18.	Texture, %	Clay	76
		Slit	12
		F. Sand	12

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**Sushma A Gujar**  
(Authorized Signatory)



# 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](mailto: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

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Nature of Sample</b>	:	Soil	<b>Location of Sample</b>	: East M.G.1
<b>Date of Sample Drawn</b>	:	08/01/2024	<b>Time of Sample Drawn</b>	: 02:30 pm
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	09/01/2024	<b>Sample Identification</b>	: S-24/01/02
<b>Sample Quantity &amp; Container</b>	:	1kg; PG bag & Aluminum container		
<b>Date of Sample Analysis</b>	:	09/01/2024 to 15/01/2024		
<b>Environmental Conditions at site</b>	:	Area: Clean, Colour: Brown		
<b>Transportation Condition</b>	:	Kept soil in polythene bag in a dry place		
<b>Project/ Job number</b>	:	2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	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	Result	Method of analysis	
19.	Porosity, %	34	Soil Testing in India Ministry of Agriculture, GoI, January 2011	

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**Sushma A Gujar**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**Testing Laboratory is certified by **ISO 9001:2015 & ISO 45001:2018**  
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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222,

E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in) Tel: 9112844844,CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Soil)**

Ref. No.: AESPL/LAB/C/S-24/01/03

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Soil	<b>Location of Sample</b>	: South Near AOS Corner
<b>Date of Sample Drawn</b>	: 08/01/2024	<b>Time of Sample Drawn</b>	: 02:51 pm
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: S-24/01/03
<b>Sample Quantity &amp; Container</b>	: 1kg; PG bag & Aluminum container		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 15/01/2024		
<b>Environmental Conditions at site</b>	: <b>Area:</b> Clean, <b>Colour:</b> Brown		
<b>Transportation Condition</b>	: Kept soil in polythene bag in a dry place		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/S-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.8°C and Humidity: 45%		
<b>Sr.</b>	<b>Parameter with Unit</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH@ 25°C	6.58	IS 2720 (part 26); RA2021
2.	Conductivity@ 25°C, µS/cm	154.2	IS-14767; RA 2021
3.	Water content, %	6.2	IS 2720 (part 2); RA2020
4.	WHC, %	34	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
5.	Organic Carbon, %	0.94	IS 2720 (part 22); RA2020
6.	Available Nitrogen, %	0.0084	AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22
7.	Available Phosphorus,	18	AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22
8.	Potassium as K, kg/hector	70	AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
9.	Chloride, mg/kg	28	AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22
10.	Available Sulphur, mg/kg	18	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
11.	Sodium as Na, mg/kg	70	IS-9497; RA 2015
12.	Calcium as Ca, meq/l	28	AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22
13.	Magnesium as Mg, meq/l	08	AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22
14.	Iron as Fe, mg/kg	< 0.2	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	Brown	AESPL/LAB/SOP/7.2.1.2/S-22; 01.07.22
18.	Texture, %	Clay	72
		Slit	14
		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

Name of Customer & Contact Details	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
Name of Site	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
Nature of Sample	:	Soil	Location of Sample	: South Near AOS Corner
Date of Sample Drawn	:	08/01/2024	Time of Sample Drawn	: 02:51 pm
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	09/01/2024	Sample Identification	: S-24/01/03
Sample Quantity & Container	:	1kg; PG bag & Aluminum container		
Date of Sample Analysis	:	09/01/2024 to 15/01/2024		
Environmental Conditions at site	:	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		
Environmental Condition while Testing	:	Ambient Temperature: 28.8°C and Humidity: 45%		
Sr.	Parameter with Unit	Result	Method of analysis	
19.	Porosity, %	30	Soil Testing in India Ministry of Agriculture, GoI, January 2011	

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(Authorized Signatory)

-End of Test Report-

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**CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787**



TC-7085

**Test Report  
(Soil)**

Ref. No.: AESPL/LAB/C/S-24/01/04

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>	
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant. Dist-Thane	
<b>Nature of Sample</b>	: Soil	<b>Location of Sample</b>	: North Near ETP
<b>Date of Sample Drawn</b>	: 08/01/2024	<b>Time of Sample Drawn</b>	: 03:10 pm
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: S-24/01/04
<b>Sample Quantity &amp; Container</b>		: 1kg; PG bag & Aluminum container	
<b>Date of Sample Analysis</b>		: 09/01/2024 to 15/01/2024	
<b>Environmental Conditions at site</b>		: <b>Area:</b> Clean, <b>Colour:</b> Brown	
<b>Transportation Condition</b>		: Kept soil in polythene bag in a dry place	
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023	
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02	
<b>Method of Sampling &amp; Preservation</b>		: 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	Result	Method of analysis
1.	pH@ 25°C	6.88	IS 2720 (part 26); RA2021
2.	Conductivity@ 25°C, µS/cm	210.4	IS-14767; RA 2021
3.	Water content, %	6.8	IS 2720 (part 2); RA2020
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, %	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/hector	80	AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
9.	Chloride, mg/kg	16.2	AESPL/LAB/SOP/7.2.1.2/S-09; 01.07.22
10.	Available Sulphur, mg/kg	32	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
11.	Sodium as Na, mg/kg	90	IS-9497; RA 2015
12.	Calcium as Ca, meq/l	28	AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22
13.	Magnesium as Mg, meq/l	08	AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22
14.	Iron as Fe, mg/kg	< 0.2	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	Brown	AESPL/LAB/SOP/7.2.1.2/S-22; 01.07.22
18.	Texture, %	Clay	72
		Slit	16
		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)

Ref. No.: AESPL/LAB/C/S-24/01/04

Issue Date: 16/01/2024

Name of Customer & Contact Details	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
Name of Site	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
Nature of Sample	:	Soil	Location of Sample	: North Near ETP
Date of Sample Drawn	:	08/01/2024	Time of Sample Drawn	: 03:10 pm
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	09/01/2024	Sample Identification	: S-24/01/04
Sample Quantity & Container	:	1kg; PG bag & Aluminum container		
Date of Sample Analysis	:	09/01/2024 to 15/01/2024		
Environmental Conditions at site	:	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		
Environmental Condition while Testing	:	Ambient Temperature: 28.8°C and Humidity: 45%		
Sr.	Parameter with Unit	Result	Method of analysis	
19.	Porosity, %	26.4	Soil Testing in India Ministry of Agriculture, GoI, January 2011	

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Sushma A Gujar  
(Authorized Signatory)

-End of Test Report-

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**E-mail:** [pglab@aespl.co.in](mailto: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

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli E Mumbai 400079 Mr. Abhijit Kanse 770982586, email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Nature of Sample</b>	:	Soil	<b>Location of Sample</b>	: West Gate No.2
<b>Date of Sample Drawn</b>	:	08/01/2024	<b>Time of Sample Drawn</b>	: 03:40 pm
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	09/01/2024	<b>Sample Identification</b>	: S-24/01/05
<b>Sample Quantity &amp; Container</b>	:	1kg; PG bag & Aluminum container		
<b>Date of Sample Analysis</b>	:	09/01/2024 to 15/01/2024		
<b>Environmental Conditions at site</b>	:	<b>Area:</b> Clean, <b>Colour:</b> Brown		
<b>Transportation Condition</b>	:	Kept soil in polythene bag in a dry place		
<b>Project/ Job number</b>	:	2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/S-01		
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 28.8°C and Humidity: 45%		
<b>Sr.no.</b>	<b>Parameter with Unit</b>	<b>Result</b>	<b>Method of analysis</b>	
1.	pH@ 25°C	7.12	IS 2720 (part 26); RA2021	
2.	Conductivity@ 25°C, µS/cm	190.4	IS-14767; RA 2021	
3.	Water content, %	6.8	IS 2720 (part 2); RA2020	
4.	WHC, %	34	AESPL/LAB/SOP/7.2.1.2/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/hector	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	52	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22	
11.	Sodium as Na, mg/kg	80	IS-9497; RA 2015	
12.	Calcium as Ca, meq/l	34	AESPL/LAB/SOP/7.2.1.2/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	< 0.2	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>	0.92	AESPL/LAB/SOP/7.2.1.2/S-16; 01.07.22	
17.	Color	Brown	AESPL/LAB/SOP/7.2.1.2/S-22; 01.07.22	
18.	Texture, %	Clay	78	AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22
		Slit	12	
		F. Sand	10	

**Note:**

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**Sushma A Gujar**  
**(Authorized Signatory)**



# 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](mailto: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

Name of Customer & Contact Details	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli E Mumbai-400079 Mr. Abhijit Kanse 770982586, email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
Name of Site	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
Nature of Sample	:	Soil	Location of Sample	: West Gate No.2
Date of Sample Drawn	:	08/01/2024	Time of Sample Drawn	: 03:40 pm
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	09/01/2024	Sample Identification	: S-24/01/05
Sample Quantity & Container	:	1kg; PG bag & Aluminum container		
Date of Sample Analysis	:	09/01/2024 to 15/01/2024		
Environmental Conditions at site	:	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		
Environmental Condition while Testing	:	Ambient Temperature: 28.8°C and Humidity: 45%		
Sr.	Parameter with Unit	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)

-End of Test Report-





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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/26

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 ✉: <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 24/01/26		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Acidmist-1 Bottle.		
Date & Time of sampling	:	08/01/2024, 10:00-11:00 hr.		
Sampling Environmental Conditions	:	Temp.:33°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	:	10/01/2024		
Date of sample analysis	:	10/01/2024 to 13/01/2024		
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	:	Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/26

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/26

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 ✉ <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: Atmospheric Pollution
Description of sample	:	Stack Emission
Sample Identification number	:	ST- 24/01/26
Sample Quantity	:	SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.
Date & Time of sampling	:	08/01/2024, 10:00-11:00 hr.
Sampling Environmental Conditions	:	Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.
Transportation Condition	:	Bottles <5°C
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 & Calibration	:	ST-I-02; Calibration on 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	:	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 platform	:	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 (m <sup>2</sup> )	:	0.283

### C. Analysis/ Characteristic of Stack:

Fuel used & Consumption	:	--
Details of pollution control devices attached with the stack:	:	Scrubber + ESP

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	1.53	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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- Decision Rule is applied.



Anjan Pramanik  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)**Tel:** 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/01/27**Issue Date:** 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/01/27		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 08/01/2024, 12:00 to 12:30 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 10/01/2024		
<b>Date of sample analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	:	Yes	
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	--	
Fuel consumption	:	--	
Details of pollution control devices attached with the stack:	:	Cyclone + Bag filter	



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/27

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/28

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 ✉ <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: 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		
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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/28

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	39.70	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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/01/29**Issue Date:** 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/01/29		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 08/01/2024, 14:00-14:28 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 10/01/2024		
<b>Date of sample analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption	: Briquette 50 ton/hr.		
Details of pollution control devices attached with the stack:	: Scrubber, Stack		





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/29

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 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 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 24/01/30		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-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> : 753 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		
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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG + Mixed oil	
Fuel consumption	:	635 Sm <sup>3</sup> /hr. + 1484 kg/hr.	
Details of pollution control devices attached with 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- 24/01/30

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/31

Issue Date: 15/01/2024

Name of Customer & Contact Details	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 24/01/31		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 09/01/2024, 10:00-10:34 hr.		
Sampling Environmental Conditions	: Temp.:33°C; Rain fall: No; P <sub>bar</sub> : 754 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		
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-02		
Method of sampling & preservation	: AESPL/LAB/SOP/7.3.1/ST-01		
Environmental Condition while Testing	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	47 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with 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- 24/01/31

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 24/01/32

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400099. Mr. Abhijit Kanase. ☎770982586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/01/32		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 09/01/2024, 11:10-11:38 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 10/01/2024		
<b>Date of sample analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527009419 DT. 09.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Briquette	
Fuel consumption (Kg/hr.)	:	--	
Details of pollution control devices attached with the stack:	:	Wet Scrubber	



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/32

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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-End of Test Report-



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/33

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 ✉ <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: 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 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		
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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	200	
Details of pollution control devices attached with 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- 24/01/33

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/01/34

Issue Date: 15/01/2024

Name of Customer & Contact Details	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400109. Mr. Abhijit Kanase ☎770982586 ✉ <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 24/01/34		
Sample Quantity	:	SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	:	09/01/2024, 13:40-14:06 hr.		
Sampling Environmental Conditions	:	Temp.:29°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	:	10/01/2024		
Date of sample analysis	:	10/01/2024 to 13/01/2024		
Sampling Equipment Used	:	ST-I-02		
Calibration status	:	25/05/2023 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/LAB/SOP/7.3.1/ST-01		
Environmental Condition while Testing	:	Temperature: 29°C; RH-40%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.196		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	Diesel		
Fuel consumption (liter/hr.)	:	90		
Details of pollution control devices attached with the stack:	:	Stack		



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Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.10.2024

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

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/01/34

Issue Date: 15/01/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

#### Note:

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**Anjan Pramanik**  
(Authorized Signatory)

-End of Test Report-



# 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 24.10.2024

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

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

## 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. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai - 400109. Mr. Abhijit Kanase ☎770982586 ✉ <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: 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	:	10/01/2024 to 13/01/2024
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:

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 with the stack:					Stack

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	NMHC	10.66	--	mg/Nm <sup>3</sup>	USEPA-18,1996

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Anjna Pramanik  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/01/63

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP Inlet
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 10.20 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/63
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.84	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	78	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	3550	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	1180	IS-3025 (Part 44) 2023
5.	Total Dissolved Solids @ 180°C,	910	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	465	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	178	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019

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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>		: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP - Outlet	
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 10.30 am	
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL	
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/64	
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, C-500ml; Plastic can, D-500ml; Plastic can & F-1lit; Plastic can.			
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024			
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	: A:<2.0 with H <sub>2</sub> SO <sub>4</sub> , B: <2.0 with H <sub>2</sub> SO <sub>4</sub> , C:<2.0 with HNO <sub>3</sub> , D->9.0 with NaOH & F:< 6°C Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%			
Sr. No.	Parameter with unit	Result	MPCB Consent Limit	Method of analysis
1.	pH @ 25°C	7.40	6.0 to 8.5	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	22	< 100	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	90	< 250	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	35	< 100	IS-3025 (P-44) RA2019
5.	Total Dissolved Solids @ 180°C, mg/l	680	< 2100	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	115	< 600	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	85	< 1000	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	< 0.56	< 50	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5.0	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	< 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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



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



TC-7085

## Test Report (Wastewater)

Ref. No.: AESPL/LAB/C/W-24/01/64

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	:	ETP - Outlet
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	:	10.30 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	:	AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	:	W- 24/01/64
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, C-500ml; Plastic can, D-500ml; Plastic can & F-1lit; Plastic can.			
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024			
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.			
<b>Transportation Condition</b>	: A:<2.0 with H <sub>2</sub> SO <sub>4</sub> , B: <2.0 with H <sub>2</sub> SO <sub>4</sub> , C<2.0 with HNO <sub>3</sub> , D->9.0 with NaOH & F:< 6°C Water Temperature: < 6°C, Cold storage.			
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%			
Sr. No	Parameter as per GSR-608(E)	Result	Effluent Standard as per GSR-608(E)	Method of analysis
1.	pH @ 25°C	7.40	6.5 to 8.5	APHA-2023(4500H <sup>+</sup> -B)
2.	Chemical Oxygen Demand, mg/l	90	< 250 mg/l	APHA-2023(5220-B)
3.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	35	<100 mg/l	IS-3025(Part 44) 2023
4.	Hexavalent Chromium, mg/l	< 0.1	< 0.1 mg/l	APHA-2023(3500Cr-B)
5.	Oil & Grease, mg/l	< 2.0	< 10 mg/l	APHA-2023(5520-B)
6.	Nitrate as N, mg/l	< 0.5	< 10 mg/l	APHA-2023(4500NO <sub>3</sub> -E)
7.	Arsenic as As, mg/l	< 0.1	< 0.2 mg/l	APHA-2023(3114-C)
8.	Mercury as Hg, mg/l	< 0.1	< 0.01 mg/l	APHA-2023(3112-B)
9.	Lead as Pb, mg/l	< 0.1	< 1.0 mg/l	APHA-2023(3111-B)
10.	Total Cr as Cr, mg/l	< 0.1	< 1.0 mg/l	APHA-2023(3111-B)
11.	Copper as Cu, mg/l	< 0.1	< 2.0 mg/l	APHA-2023(3111-B)
12.	Zinc as Zn, mg/l	< 0.1	< 5.0 mg/l	APHA-2023(3111-B)
13.	Nickel as Ni, mg/l	< 0.1	< 2.0 mg/l	APHA-2023(3111-B)
14.	Phenolic compounds, mg/l	< 0.05	< 5.0 mg/l	APHA-2023(5530-C)
15.	Sulphide as S <sup>2-</sup> , mg/l	< 0.5	< 2.0 mg/l	APHA-2023(4500S <sup>2-</sup> -F)

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



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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](mailto: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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2. Results relate only to the items tested.
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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-24/01/64

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP - Outlet	
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 10.30 am	
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL	
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/64	
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, C-500ml; Plastic can, D-500ml; Plastic can & F-1lit; Plastic can.			
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024			
<b>Environmental Conditions at site</b>		: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>		: A:<2.0 with H <sub>2</sub> SO <sub>4</sub> , B: <2.0 with H <sub>2</sub> SO <sub>4</sub> , C<2.0 with HNO <sub>3</sub> , D->9.0 with NaOH & F:< 6°C Water Temperature: < 6°C, Cold storage.		
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>		: Ambient Temperature: 29.1°C and Humidity: 60%		
<b>Sr. No.</b>	<b>Parameter as per GSR-608(E)</b>	<b>Result</b>	<b>Effluent Standard as per GSR-608(E)</b>	<b>Method of analysis</b>
16.	Cyanide as CN <sup>-</sup> , mg/l	< 0.05	< 0.2 mg/l	APHA-2023(4500-E)

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

**Note:**

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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/01/65

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Reject
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 10.50 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/65
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 31°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.58	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	32	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	650	APHA-2023(5220-B)
5.	Total Dissolved Solids @ 180°C, mg/l	1340	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	175	APHA-2023(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(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	1098	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	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)**

-End of Test Report-



# 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: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

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



TC-7085

## Test Report (Wastewater)

Ref. No.: AESPL/LAB/C/W-24/01/66

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Product
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 11.00 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/66
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%		
Sr.No.	Parameter	Result	Method of analysis
1.	pH @ 25°C	7.28	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	< 2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	20	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	350	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	58	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	48	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	<0.56	APHA-2023(4500Cl <sup>-</sup> -B)
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	< 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)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 2 Product
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 11.05 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/67
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.22	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	20	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	120	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	32	APHA-2023(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.	Residual Chlorine, mg/l	< 0.56	APHA-2023(4500Cl <sup>-</sup> -B)
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	< 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)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pplab@aespl.co.in](mailto:pplab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/01/68

Issue Date: 16/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 1 Product
<b>Date of Sample Drawn</b>	: 09/01/2024	<b>Time of Sample Drawn</b>	: 11.15 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample Identification</b>	: W- 24/01/68
<b>Sample Quantity &amp; Container</b>	: A-1lit, Plastic can; F-1lit, Plastic can & B-500 ml, Amber colored Glass bottle		
<b>Date of Sample Analysis</b>	: 09/01/2024 to 14/01/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 30°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.1°C and Humidity: 60%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.15	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	< 2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	20	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	100	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	25	APHA-2023(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(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	56	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	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)**

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/03

Issue Date: 13/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 09/01/2024		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample</b>	: A-24/01/03
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.420	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.264	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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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/04

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 09/01/2024		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample</b>	: A-24/01/04
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.036	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/05

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	:	Workplace		
<b>Location of Sampling</b>	:	Fatty acid -Ground floor		
<b>Date of Sampling</b>	:	09/01/2024		
<b>Sampling Time</b>	:	1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	09/01/2024	<b>Sample</b>	: A-24/01/05
<b>Sample Quantity &amp;</b>	:	nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	:	10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	:	Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	:	Filter papers in plastic container		
<b>Sampling Equipment</b>	:	High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	:	Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>	
SPM, mg/m <sup>3</sup>	0.406	15mg/m <sup>3</sup> [OSHA (PEL)]	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)

-End of Test Report-





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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/06

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 09/01/2024		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample</b>	: A-24/01/06
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/01/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.394	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.134	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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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/07

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 09/01/2024		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample</b>	: A-24/01/07
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.030	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.328	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/08

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	:	Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	:	Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	:	Workplace		
<b>Location of Sampling</b>	:	Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	:	09/01/2024		
<b>Sampling Time</b>	:	11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	:	AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	:	09/01/2024	<b>Sample</b>	: A-24/01/08
<b>Sample Quantity &amp;</b>	:	RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	:	10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	:	Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	:	Filter papers in plastic container		
<b>Sampling Equipment</b>	:	High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	:	Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	:	PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	:	AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	:	AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	:	Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>	
SPM, mg/m <sup>3</sup>	0.342	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017	
RSPM, mg/m <sup>3</sup>	0.138	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/01/09

Issue Date: 15/01/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 09/01/2024		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 09/01/2024	<b>Sample</b>	: A-24/01/09
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 10/01/2024 to 13/01/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/01/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.330	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.126	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/02/02

Issue Date: 12/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Material gate				
<b>Date of Sampling</b>	: 01/02/2024 to 02/02/2024				
<b>Sampling Time</b>	: 09:30 to 09:30 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: A-24/02/02		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 03/02/2024 to 10/02/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-04 & FDS-I-04				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	24.63	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	38.51	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	161.34	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	42.92	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.88	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	17.70	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	30.36	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-



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Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

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

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/02/03

Issue Date: 12/02/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution			
<b>Description of Sample</b>		: Ambient Air			
<b>Location of Sampling</b>		: Near ETP			
<b>Date of Sampling</b>		: 01/02/2024 to 02/02/2024			
<b>Sampling Time</b>		: 09:40 to 09:40 hr.		<b>Duration</b> : 24 Hr.	
<b>Sample Drawn By</b>		: AESPL		<b>Transported By</b> : AESPL	
<b>Date of Sample Receipt</b>		: 02/02/2024		<b>Sample Identification</b> : A-24/02/03	
<b>Sample Quantity &amp; Container</b>		: 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> :1 Bottle; Bladder:1; Charcoal Tube:1			
<b>Date of Sample Analysis</b>		: 03/02/2024 to 10/02/2024			
<b>Sampling Environmental Conditions</b>		: Temperature:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.			
<b>Transportation Condition</b>		: Bottles < 5°C   Filter papers in plastic container   Bladders, charcoal tube at ambient temp.			
<b>Sampling Equipment</b>		: RDS-I-05 & FDS-I-05			
<b>Calibration Status</b>		: Calibration on 30/12/2023 due on 30/12/2024			
<b>Project/ Job number</b>		: PO#2527011419 DT. 11.05.2023			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/A-01			
<b>Environmental Condition while Testing</b>		: Temperature: 27°C, RH: 40%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	35.19	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	44.84	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	114.41	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	49.58	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.88	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	19.55	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	41.34	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

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

Issue Date: 12/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Near Main gate				
<b>Date of Sampling</b>	: 01/02/2024 to 02/02/2024				
<b>Sampling Time</b>	: 09:55 to 09:55 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: A-24/02/04		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 03/02/2024 to 10/02/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:24-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-06 & FDS-I-06				
<b>Calibration Status</b>	: Calibration on 30/12/2023 due on 30/12/2024				
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 27°C, RH: 40%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	28.15	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	40.24	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	128.04	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	53.33	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.90	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	15.59	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	34.88	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/02/05

Issue Date: 12/02/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution			
<b>Description of Sample</b>		: Ambient Air			
<b>Location of Sampling</b>		: Near AOS Plant			
<b>Date of Sampling</b>		: 01/02/2024 to 02/02/2024			
<b>Sampling Time</b>		: 10:00 to 10:15 hr.		<b>Duration</b> : 24 Hr.	
<b>Sample Drawn By</b>		: AESPL		<b>Transported By</b> : AESPL	
<b>Date of Sample Receipt</b>		: 02/02/2024		<b>Sample Identification</b> : A-24/02/05	
<b>Sample Quantity &amp; Container</b>		: 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> :1 Bottle; Bladder:1; Charcoal Tube:1			
<b>Date of Sample Analysis</b>		: 03/02/2024to 10/02/2024			
<b>Sampling Environmental Conditions</b>		: Temperature:25-31°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.			
<b>Transportation Condition</b>		: Bottles < 5°C   Filter papers in plastic container   Bladders, charcoal tube at ambient temp.			
<b>Sampling Equipment</b>		: RDS-I-09 & FDS-I-07			
<b>Calibration Status</b>		: Calibration on 30/12/2023 due on 30/12/2024			
<b>Project/ Job number</b>		: PO#2527011419 DT. 11.05.2023			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/A-01			
<b>Environmental Condition while Testing</b>		: Temperature: 27°C, RH: 40%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	31.67	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	47.71	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	143.12	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	55.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.80	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	24.31	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	39.41	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<sub>10</sub> are within the levels stipulated under National Ambient Air Quality Standards 2009.

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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-





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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/02/05

Issue Date: 06/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 01/02/2024	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 11.00 Hr. - 12.00Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 22.15 Hr.-23.15Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 03/02/2024	<b>Sample Identification</b>	: N-24/02/05
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 27°C to 31°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-06		
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near ETP	69.5	66.2
2.	FAD Plant	67.9	65.0
3.	Tank farm	64.0	60.9
4.	Near FSP/GDP/SWE Plant	66.2	64.3
5.	Near boiler house	70.5	68.9
6.	Engineering stores	60.1	59.0
7.	AOS Plant	59.8	58.2
8.	Main gate	66.0	64.5
9.	Time office	63.0	60.0
10.	Near canteen	64.5	58.3
11.	Near DG	58.0	57.8
12.	DM Plant	61.2	60.6
13.	RM Plant	64.5	61.8
14.	Near material gate	67.3	64.0
15.	Flaker's section	68.1	64.3
16.	Weigh bridge	65.9	61.8
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



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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

Name of Customer & Contact Details	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400099. Mr. Abhijit Kanase. ☎770982586 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 24/01/32		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 01/02/2024, 10:00-10:40 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	: 03/02/2024		
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	: PO#2527009419 DT. 09.05.2023		
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%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Briquette	
Fuel consumption (Kg/hr.)	:	--	
Details of pollution control devices attached with the stack:	:	Wet Scrubber	



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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

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Stack Emission)

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

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 ✉ <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: 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 plastic container	Bladders at 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		
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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	32.73	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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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/02/03**Issue Date:** 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/02/03		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/02/2024, 13:00 to 13:32 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/02/2024		
<b>Date of sample analysis</b>	: 03/02/2024 to 07/02/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	:	Yes	
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	--	
Fuel consumption	:	--	
Details of pollution control devices attached with the stack:	:	Cyclone + Bag filter	



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/02/03

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### Note:

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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

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

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 ✉: <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: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 24/02/04		
Sample Quantity	:	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	:	Temp.:31°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	:	03/02/2024		
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	:	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%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		





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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

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

## Test Report (Stack Emission)

Ref. No.: 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 ✉ <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: Atmospheric Pollution
Description of sample	: Stack Emission
Sample Identification number	: ST- 24/02/04
Sample Quantity	: SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.
Date & Time of sampling	: 01/02/2024, 14:15-15:05 hr.
Sampling Environmental Conditions	: Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.
Transportation Condition	: Bottles <5°C
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	: ST-I-02; Calibration on 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	: 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 platform	: 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 (m <sup>2</sup> )	: 0.283

### C. Analysis/ Characteristic of Stack:

Fuel used & Consumption	: --
Details of pollution control devices attached with the stack:	: Scrubber + ESP

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	1.05	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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)**

Ref. No.: AESPL/LAB/C/ ST- 24/02/05

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/02/05		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/02/2024, 09:30-10:02 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/02/2024		
<b>Date of sample analysis</b>	: 03/02/2024 to 07/02/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
Stack Connected to	: Boiler 14335(MP) & 15927 (HP)		
Emission due to	: Combustion of Mixed oil & NG (14335 MP-Boiler & 15927 HP-Boiler)		
Material of construction of stack	: MS		
Shape of stack	: Circular		
Whether stack is provided with permanent platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Mixed oil + NG	
Fuel consumption	:	1.5 Ton/day. + 62 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with 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- 24/02/05

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/02/06**Issue Date:** 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/02/06		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/02/2024, 10:40-11:10 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/02/2024		
<b>Date of sample analysis</b>	: 03/02/2024 to 07/02/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption	: Briquette 50 ton/hr.		
Details of pollution control devices attached with the stack:	: Scrubber, 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- 24/02/06

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-

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TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/02/07**Issue Date:** 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/02/07		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/02/2024, 11:50-12:20 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:31C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/02/2024		
<b>Date of sample analysis</b>	: 03/02/2024 to 07/02/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	27	
Details of pollution control devices attached with 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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-



**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](mailto:pglab@aespl.co.in)**Tel:** 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787

TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/02/08**Issue Date:** 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/02/08		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/02/2024, 13:00-13:32 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 03/02/2024		
<b>Date of sample analysis</b>	: 03/02/2024 to 07/02/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2024 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	52 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with the stack:	:	Stack	



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/02/08

Issue Date: 10/02/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

### Note:

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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane			
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP - Outlet	
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 10.30 am	
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL	
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/11	
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.			
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024			
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.			
<b>Transportation Condition</b>	: 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.			
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%			
<b>Sr. No.</b>	<b>Parameter with unit</b>	<b>Result</b>	<b>MPCB Consent Limit</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.22	6.0 to 8.5	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	8.0	< 100	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	240	< 250	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	82	< 100	IS-3025 (P-44) RA2019
5.	Total Dissolved Solids @ 180°C, mg/l	850	< 2100	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	240	< 600	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	93.81	< 1000	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	0.84	< 50	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5.0	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	< 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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&amp;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](mailto:pglab@aespl.co.in)

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/02/12

Issue Date: 09/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP Inlet
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 10.40 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/12
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.02	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	44	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	2600	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	850	IS-3025 (Part 44) 2023
5.	Total Dissolved Solids @ 180°C,	4620	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	520	APHA-2023(4500Cl <sup>-</sup> -B)
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.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	2.52	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019

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-End of Test Report-

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TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/02/13**Issue Date:** 09/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 1 Product
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 11.00 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/13
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.33	APHA-2023(4500H <sup>+</sup> -B)
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	40	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	230	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	41	APHA-2023(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(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	10	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	APHA-2023(4500SiO <sub>2</sub> -C)
12.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019

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-End of Test Report-

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TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/02/14**Issue Date:** 09/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 2 Product
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 11.10 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/14
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.20	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	6.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	40	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	440	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	72	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	17.96	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	< 0.56	APHA-2023(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	10	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	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)**

-End of Test Report-

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TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/02/15**Issue Date:** 09/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Product
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 11.05 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/15
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.43	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	< 2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	90	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	340	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	45	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	6.0	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	<0.56	APHA-2023(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	<2.0	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	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)**

-End of Test Report-

**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 24.04.2024Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: [pglab@aespl.co.in](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/02/16

Issue Date: 09/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Reject
<b>Date of Sample Drawn</b>	: 02/02/2024	<b>Time of Sample Drawn</b>	: 11.15 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample Identification</b>	: W- 24/02/16
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/02/2024 to 07/02/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 28.5°C and Humidity: 52%		
Sr.No.	Parameter	Result	Method of analysis
1.	pH @ 25°C	7.43	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	1500	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	28000	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	4250	APHA-2023(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(4500Cl <sup>-</sup> -B)
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	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)**

-End of Test Report-





# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/02/01

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/01
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.398	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.224	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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2. Results relate only to the items tested.
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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

## Test Report (Workplace)

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

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/02
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.038	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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:

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-24/02/03**Issue Date:** 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid -Ground floor		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/03
<b>Sample Quantity &amp;</b>	: nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.392	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
nMHC, ppm	0.28	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:**

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/02/04

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/04
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 13/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 31/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.380	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.138	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/02/05

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/05
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.336	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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

## Test Report (Workplace)

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

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/06
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 30/12/2023 due on 30/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.318	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.125	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



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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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

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

Issue Date: 10/02/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 02/02/2024		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/02/2024	<b>Sample</b>	: A-24/02/09
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 03/02/2024 to 06/02/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 31/12/2022 due on 30/02/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.342	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.132	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:**

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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/03/01

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution			
<b>Description of Sample</b>		: Ambient Air			
<b>Location of Sampling</b>		: Main gate			
<b>Date of Sampling</b>		: 01/03/2024 to 02/03/2024			
<b>Sampling Time</b>		: 09:30 to 09:30 hr.		<b>Duration</b> : 24 Hr.	
<b>Sample Drawn By</b>		: AESPL		<b>Transported By</b> : AESPL	
<b>Date of Sample Receipt</b>		: 02/03/2024		<b>Sample Identification</b> : A-24/03/01	
<b>Sample Quantity &amp; Container</b>		: 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> :1 Bottle; Bladder:1; Charcoal Tube:1			
<b>Date of Sample Analysis</b>		: 02/03/2024to 08/03/2024			
<b>Sampling Environmental Conditions</b>		: Temperature:24-32°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.			
<b>Transportation Condition</b>		: Bottles < 5°C   Filter papers in plastic container   Bladders, charcoal tube at ambient temp.			
<b>Sampling Equipment</b>		: RDS-I-04 & FDS-I-04			
<b>Calibration Status</b>		: Calibration on 29/12/2023 due on 29/12/2024 Calibration on 30/12/2023 due on 30/12/2024			
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/A-01			
<b>Environmental Condition while Testing</b>		: Temperature: 28°C, RH: 42%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	34.49	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	47.50	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	113.94	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	40.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.97	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	18.23	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	39.46	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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<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)

-End of Test Report-





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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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/03/02

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution			
<b>Description of Sample</b>		: Ambient Air			
<b>Location of Sampling</b>		: Near ETP			
<b>Date of Sampling</b>		: 01/03/2024 to 02/03/2024			
<b>Sampling Time</b>		: 09:45 to 09:45 hr.		<b>Duration</b> : 24 Hr.	
<b>Sample Drawn By</b>		: AESPL		<b>Transported By</b> : AESPL	
<b>Date of Sample Receipt</b>		: 02/03/2024		<b>Sample Identification</b> : A-24/03/02	
<b>Sample Quantity &amp; Container</b>		: 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> :1 Bottle; Bladder:1; Charcoal Tube:1			
<b>Date of Sample Analysis</b>		: 02/03/2024to 08/03/2024			
<b>Sampling Environmental Conditions</b>		: Temperature:24-32°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.			
<b>Transportation Condition</b>		: Bottles < 5°C   Filter papers in plastic container   Bladders, charcoal tube at ambient temp.			
<b>Sampling Equipment</b>		: RDS-I-05 & FDS-I-05			
<b>Calibration Status</b>		: Calibration on 29/12/2023 due on 29/12/2024 Calibration on 30/12/2023 due on 30/12/2024			
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/A-01			
<b>Environmental Condition while Testing</b>		: Temperature: 28°C, RH: 42%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	29.56	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	41.78	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	93.79	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	45.42	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.69	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	16.12	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	35.59	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-



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

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



TC-7085

## Test Report (Ambient Air)

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

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>		: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>		: Godrej Industries Ltd. Ambernath Plant Dist-Thane			
<b>Discipline &amp; Group</b>		: Chemical: Atmospheric Pollution			
<b>Description of Sample</b>		: Ambient Air			
<b>Location of Sampling</b>		: AOS Plant			
<b>Date of Sampling</b>		: 01/03/2024 to 02/03/2024			
<b>Sampling Time</b>		: 10:00 to 10:00 hr.		<b>Duration</b> : 24 Hr.	
<b>Sample Drawn By</b>		: AESPL		<b>Transported By</b> : AESPL	
<b>Date of Sample Receipt</b>		: 02/03/2024		<b>Sample Identification</b> : A-24/03/03	
<b>Sample Quantity &amp; Container</b>		: 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> :1 Bottle; Bladder:1; Charcoal Tube:1			
<b>Date of Sample Analysis</b>		: 02/03/2024to 08/03/2024			
<b>Sampling Environmental Conditions</b>		: Temperature:24-32°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.			
<b>Transportation Condition</b>		: Bottles < 5°C   Filter papers in plastic container   Bladders, charcoal tube at ambient temp.			
<b>Sampling Equipment</b>		: RDS-I-06 & FDS-I-06			
<b>Calibration Status</b>		: Calibration on 29/12/2023 due on 29/12/2024 Calibration on 30/12/2023 due on 30/12/2024			
<b>Project/ Job number</b>		: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>		: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>		: AESPL/LAB/SOP/7.3.1/A-01			
<b>Environmental Condition while Testing</b>		: Temperature: 28°C, RH: 42%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO <sub>2</sub>	25.34	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	43.32	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	96.88	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	31.67	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.74	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	20.61	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	37.35	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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



TC-7085

## Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/03/04

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>				
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane				
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution				
<b>Description of Sample</b>	: Ambient Air				
<b>Location of Sampling</b>	: Material Gate				
<b>Date of Sampling</b>	: 01/03/2024 to 02/03/2024				
<b>Sampling Time</b>	: 10:10 to 10:00 hr.	<b>Duration</b>	: 24 Hr.		
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL		
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: A-24/03/04		
<b>Sample Quantity &amp; Container</b>	: 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> :1 Bottle; Bladder:1; Charcoal Tube:1				
<b>Date of Sample Analysis</b>	: 02/03/2024 to 08/03/2024				
<b>Sampling Environmental Conditions</b>	: Temperature:24-32°C; Rain fall: No; P <sub>bar</sub> : 755 mmHg.				
<b>Transportation Condition</b>	: Bottles < 5°C	: Filter papers in plastic container	: Bladders, charcoal tube at ambient temp.		
<b>Sampling Equipment</b>	: RDS-I-11 & FDS-I-11				
<b>Calibration Status</b>	: Calibration on 25/05/2023 due on 25/05/2024 Calibration on 25/05/2023 due on 25/05/2024				
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023				
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02				
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/A-01				
<b>Environmental Condition while Testing</b>	: Temperature: 28°C, RH: 42%				
<b>Sr. No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Limits #</b>	<b>Unit</b>	<b>Method of Analysis</b>
1.	Sulphur dioxide as SO <sub>2</sub>	32.38	80 *	µg/m <sup>3</sup>	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO <sub>2</sub>	49.79	80 *	µg/m <sup>3</sup>	IS 5182 (Part 6) RA2022
3.	PM <sub>10</sub>	87.68	100 *	µg/m <sup>3</sup>	IS 5182 (Part 23) RA2022
4.	PM <sub>2.5</sub>	49.58	60 *	µg/m <sup>3</sup>	IS 5182 (Part 24) 2019
5.	Carbon monoxide as CO	0.87	04 **	mg/m <sup>3</sup>	IS 5182 (part 11) RA2019
6.	Ozone as O <sub>3</sub>	15.32	180 **	µg/m <sup>3</sup>	IS 5182 (part 9) RA2019
7.	Ammonia as NH <sub>3</sub>	40.17	400 *	µg/m <sup>3</sup>	IS 5182 (part 25) RA 2018
8.	Benzo(a)pyrene as BaP	< 0.5	01 ***	ng/m <sup>3</sup>	IS 5182 (part 12) 2004
9.	Lead as Pb	< 0.5	1.0 *	µg/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Nickel as Ni	< 5.0	20 ***	ng/m <sup>3</sup>	APHA Air method 822-3 <sup>rd</sup> Ed
11.	Arsenic as As	< 5.0	06 ***	ng/m <sup>3</sup>	APHA Air method 302-3 <sup>rd</sup> Ed
12.	Benzene as C <sub>6</sub> H <sub>6</sub>	< 0.2	05 ***	µg/m <sup>3</sup>	IS 5182 (part 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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024.

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



TC-7085

## Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/03/02

Issue Date: 07/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai 400079 Mr. Abhijit Kanase. 770982586Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of Sample</b>	: Ambient Noise		
<b>Location Details</b>	: Inside factory		
<b>Date of Sampling</b>	: 01/03/2024	<b>Period of Sampling</b>	: Spot
<b>Start &amp; End Time of Sampling (Daytime)</b>	: 10.40 Hr. - 11.30Hr.	<b>Start &amp; End Time of Sampling (Nighttime)</b>	: 21.35 Hr.-22.25Hr.
<b>Monitored By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Data Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: N-24/03/02
<b>Environmental Condition</b>	: <b>Climate:</b> Clear	<b>Ambient Temp:</b> 27°C to 33°C	
<b>Transportation Condition</b>	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
<b>Sampling Equipment</b>	: Noise meter - Centre C-390 SL-I-07		
<b>Calibration Status</b>	: Calibrated on 29/04/2023; calibration due on 28/04/2024		
<b>Project/ Job Number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling</b>	: IS 9989 RA:2020		
<b>Sr. No.</b>	<b>Location</b>	<b>Noise Day Time dB(A)</b>	<b>Noise Nighttime dB(A)</b>
1.	Near ETP	69.4	65.8
2.	FAD Plant	70.2	68.6
3.	Tank farm	67.5	63.2
4.	Near FSP/GDP/SWE Plant	65.7	63.0
5.	Near boiler house	72.0	68.9
6.	Engineering stores	60.7	59.7
7.	AOS Plant	59.0	57.9
8.	Main gate	65.4	60.1
9.	Time office	63.7	59.6
10.	Near canteen	66.2	58.9
11.	Near DG	61.2	9.5
12.	DM Plant	67.8	65.4
13.	RM Plant	68.0	65.5
14.	Near material gate	67.7	66.0
15.	Flaker's section	65.9	64.8
16.	Weigh bridge	66.9	65.1
<b>Limit as per EP Act for Industrial area</b>		<b>75</b>	<b>70</b>

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

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-

**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](mailto: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

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/03/01		
<b>Sample Quantity</b>	: Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/03/2024, 10:00-10:34 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 04/03/2024		
<b>Date of sample analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	: 0.342		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: --		
Fuel consumption	: --		
Details of pollution control devices attached with the stack:	: Cyclone + Bag filter		



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/03/01

Issue Date: 10/03/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S.Patil**  
(Authorized Signatory)

-End of Test Report-

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TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/03/02**Issue Date:** 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/03/02		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/03/2024, 11:00 to 11:28 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:31°C; Rain fall: No; P <sub>bar</sub> : 752 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 04/03/2024		
<b>Date of sample analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	:	Yes	
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	--	
Fuel consumption	:	--	
Details of pollution control devices attached with the stack:	:	Cyclone + Bag filter	



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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/03/02

Issue Date: 10/03/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-





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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 10/03/2024

Name of Customer & Contact Details	:	Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase; ☎771182586 ✉: <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: 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 < 5°C	Thimbles in plastic container	Bladders at 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	:	Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>				
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 platform	:	Yes		
<b>B. Physical Characteristics of Stack:</b>				
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 (m <sup>2</sup> )	:	0.283		
<b>C. Analysis/ Characteristic of Stack:</b>				
Fuel used	:	--		
Fuel consumption	:	--		
Details of pollution control devices attached with the stack:	:	Scrubber + ESP		



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



TC-7085

## Test Report (Stack Emission)

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

Issue Date: 10/03/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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.

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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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

## Test Report (Stack Emission)

Ref. No.: 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. ☎771182586 ✉ <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: Atmospheric Pollution			
Description of sample	:	Stack Emission			
Sample Identification number	:	ST- 24/03/03			
Sample Quantity	:	SO <sub>3</sub> :1Bottle; SO <sub>2</sub> :1Bottle.			
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 <5°C			
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 & Calibration	:	ST-I-02; Calibration on 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	:	Temperature: 27°C; RH-40%			
<b>A. General Information About Stack:</b>					
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 platform	:	Yes			
<b>B. Physical Characteristics of Stack:</b>					
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 (m <sup>2</sup> )	:	0.283			
<b>C. Analysis/ Characteristic of Stack:</b>					
Fuel used & Consumption	:	--			
Details of pollution control devices attached with the stack:	:	Scrubber + ESP			
<b>D. Result of Sampling &amp; Analysis of Gaseous Emission:</b>					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Sulphur Trioxide (as SO <sub>3</sub> )	ND	--	mg/Nm <sup>3</sup>	IS-11255, (part-2) 2019
2.	Sulphur Dioxide (as SO <sub>2</sub> )	3.05	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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-

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TC-7085

**Test Report  
(Stack Emission)****Ref. No.:** AESPL/LAB/C/ ST- 24/03/04**Issue Date:** 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400099. Mr. Abhijit Kanase. ☎770982586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/01/04		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 01/03/2024, 14:00-14:30 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:32°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 04/03/2024		
<b>Date of sample analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527009419 DT. 09.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Briquette	
Fuel consumption (Kg/hr.)	:	--	
Details of pollution control devices attached with the stack:	:	Wet Scrubber	



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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

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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



TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/03/05

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 ✉ <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: 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 plastic container	Bladders at 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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.283	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption (Sm <sup>3</sup> /hr.)	:	27	
Details of pollution control devices attached with 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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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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**Reshma S. Patil**  
(Authorized Signatory)

-End of Test Report-



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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

Name of Customer & Contact Details	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai – 400119. Mr. Abhijit Kanase. ☎77118258 ✉ <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: Atmospheric Pollution		
Description of sample	: Stack Emission		
Sample Identification number	: ST- 24/03/06		
Sample Quantity	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
Date & Time of sampling	: 02/03/2024, 11:00-11:32 hr.		
Sampling Environmental Conditions	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
Transportation Condition	: Bottles < 5°C	Thimbles in plastic container	Bladders at 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	: 25/05/2024 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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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>B. Physical Characteristics of Stack:</b>			
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 (m <sup>2</sup> )	:	0.096	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	NG	
Fuel consumption	:	52 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with the stack:	:	Stack	





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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 24/03/06

Issue Date: 10/03/2024

D. Result of Sampling & Analysis of Gaseous Emission:					
SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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
	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.

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(Authorized Signatory)

-End of Test Report-



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 24/03/07

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd. Pirojshanagar, Eastern Express Highway Vikroli (E), Mumbai - 400119. Mr. Abhijit Kanase ☎771182586 ✉ <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant Dist-Thane		
<b>Discipline &amp; Group</b>	: Chemical: Atmospheric Pollution		
<b>Description of sample</b>	: Stack Emission		
<b>Sample Identification number</b>	: ST- 24/03/07		
<b>Sample Quantity</b>	: SO <sub>2</sub> :1Bottle; NO <sub>2</sub> :1 Bottle; Thimble-1.		
<b>Date &amp; Time of sampling</b>	: 02/03/2024, 12:00-12:34 hr.		
<b>Sampling Environmental Conditions</b>	: Temp.:30°C; Rain fall: No; P <sub>bar</sub> : 753 mmHg.		
<b>Transportation Condition</b>	: Bottles < 5°C	: Thimbles in plastic container	: Bladders at ambient temp.
<b>Sample Monitored &amp; Transported by</b>	: AESPL		
<b>Date of sample receipt</b>	: 04/03/2024		
<b>Date of sample analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Equipment Used</b>	: ST-I-02		
<b>Calibration status</b>	: 25/05/2023 to 25/05/2024		
<b>Project/ Job number</b>	: PO#2527011419 DT. 11.05.2023		
<b>Reference of sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of sampling &amp; preservation</b>	: AESPL/LAB/SOP/7.3.1/ST-01		
<b>Environmental Condition while Testing</b>	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
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 platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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		
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	: Solid Briquette		
Fuel consumption	: Briquette 50 ton/hr.		
Details of pollution control devices attached with the stack:	: Scrubber, 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. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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
	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.

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-End of Test Report-



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TC-7085

## Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 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 ✉ <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: Atmospheric Pollution		
Description of sample	: 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 plastic container	Bladders at 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	: Temperature: 27°C; RH-40%		
<b>A. General Information About Stack:</b>			
Stack Connected to	: Boiler 14335(MP) & 15927 (HP)		
Emission due to	: Combustion of Mixed oil & NG (14335 MP-Boiler & 15927 HP-Boiler)		
Material of construction of stack	: MS		
Shape of stack	: Circular		
Whether stack is provided with permanent platform	: Yes		
<b>B. Physical Characteristics of Stack:</b>			
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	
<b>C. Analysis/ Characteristic of Stack:</b>			
Fuel used	:	Mixed oil + NG	
Fuel consumption	:	1.5 Ton/day. + 62 Sm <sup>3</sup> /hr.	
Details of pollution control devices attached with 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- 24/03/08

Issue Date: 10/03/2024

### D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
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	--	Nm <sup>3</sup> /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)

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/03/12**Issue Date:** 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 1 Product
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 10.15 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/12
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.20	APHA-2023(4500H <sup>+</sup> -B)
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 <sup>-</sup> , mg/l	35	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	6.89	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	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-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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/03/13**Issue Date:** 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 2 Product
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 10.40 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/13
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.36	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	6.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	20	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	280	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	60	APHA-2023(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	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-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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-

**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](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/03/14**Issue Date:** 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Product
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 10.45 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/14
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.18	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	< 2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	20	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	210	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	40	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	5.6	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	<0.56	APHA-2023(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	<2.0	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	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)**

-End of Test Report-



**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](mailto:pglab@aespl.co.in)Tel: 9112844844, CIN: U74999MH2001PTC132091 **UDYAM**-MH-19-0029787

TC-7085

**Test Report  
(Wastewater)****Ref. No.:** AESPL/LAB/C/W-24/03/15**Issue Date:** 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: RO 3 Reject
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 11.00 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/15
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 26°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.25	APHA-2023(4500H <sup>+</sup> -B)
2.	Turbidity, NTU	<2.0	APHA-2023(2130-B)
3.	Suspended Solids @ 103°C, mg/l	8.0	APHA-2023(2540-D)
4.	Chemical Oxygen Demand, mg/l	1200	APHA-2023(5220-B)
5.	Total Dissolved Solids@ 180°C, mg/l	25000	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	3890	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	3200	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Residual Chlorine, mg/l	0.56	APHA-2023(4500Cl <sup>-</sup> -B)
9.	Hardness CaCO <sub>3</sub> , mg/l	830	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	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)**

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/03/16

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane		
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP Inlet
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 11.15 am
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/16
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.		
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024		
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.		
<b>Transportation Condition</b>	: 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.		
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%		
<b>Sr.No.</b>	<b>Parameter</b>	<b>Result</b>	<b>Method of analysis</b>
1.	pH @ 25°C	6.22	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	34	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	1950	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	650	IS-3025 (Part 44) 2023
5.	Total Dissolved Solids @ 180°C,	3800	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	480	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	230	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	2.24	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	< 0.04	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	IS-3025 (Part 39) RA2019

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-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

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



TC-7085

**Test Report  
(Wastewater)**

Ref. No.: AESPL/LAB/C/W-24/03/17

Issue Date: 09/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>			
<b>Name of Site</b>	: Godrej Industries Ltd. Ambarnath Plant. Dist-Thane			
<b>Nature of Sample</b>	: Effluent	<b>Location of Sample</b>	: ETP - Outlet	
<b>Date of Sample Drawn</b>	: 02/03/2024	<b>Time of Sample Drawn</b>	: 11.25 am	
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL	
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample Identification</b>	: W- 24/03/17	
<b>Sample Quantity &amp; Container</b>	: A-1lit; Plastic can, B-500ml; Amber colored glass bottle, F-1lit; Plastic can.			
<b>Date of Sample Analysis</b>	: 02/03/2024 to 07/03/2024			
<b>Environmental Conditions at site</b>	: Water Temperature: 27°C, Air Temperature: 29°C, Surrounding was clean.			
<b>Transportation Condition</b>	: 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.			
<b>Project/ Job number</b>	: 2527006419 dtd 09 May 2023			
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02			
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/W-01			
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 29.5°C and Humidity: 42%			
<b>Sr. No.</b>	<b>Parameter with unit</b>	<b>Result</b>	<b>MPCB Consent Limit</b>	<b>Method of analysis</b>
1.	pH @ 25°C	7.18	6.0 to 8.5	APHA-2023(4500H <sup>+</sup> -B)
2.	Suspended Solids @ 103°C, mg/l	8.0	< 100	APHA-2023(2540-D)
3.	Chemical Oxygen Demand, mg/l	60	< 250	APHA-2023(5220-B)
4.	Biochemical Oxygen Demand @ 27°C for 3 days, mg/l	22	< 100	IS-3025 (P-44) RA2019
5.	Total Dissolved Solids @ 180°C, mg/l	650	< 2100	APHA-2023(2540-C)
6.	Chloride as Cl <sup>-</sup> , mg/l	140	< 600	APHA-2023(4500Cl <sup>-</sup> -B)
7.	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	75	< 1000	APHA-2023(4500SO <sub>4</sub> <sup>2-</sup> -E)
8.	Total Ammoniacal Nitrogen as NH <sub>3</sub> , mg/l	<0.56	< 50	APHA-2023(4500NH <sub>3</sub> -B&C)
9.	Anionic detergent as MBAS, mg/l	<0.04	< 5.0	APHA-2023(5540-C)
10.	Oil & Grease, mg/l	< 2.0	< 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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**Reshma S. Patil  
(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/03

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant near scrubber		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 10:00 to 10:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/03
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.370	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.200	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/04

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid Plant – 2 <sup>nd</sup> floor		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 1:00 to 1:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/04
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.362	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.114	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).

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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)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/05

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai - 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: SPD Bag Filing Area		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/05
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-07		
<b>Calibration Status</b>	: Calibrated on 29/12/2022 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.321	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.124	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/06

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Flaker Plant 1 <sup>st</sup> Floor		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 11:00 to 11:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/06
<b>Sample Quantity &amp;</b>	: RSPM-1paper; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.306	15mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA2017
RSPM, mg/m <sup>3</sup>	0.132	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



# 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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/07

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: AOS plant		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 2:30 to 3:00 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/07
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.034	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA2017
SO <sub>3</sub> , mg/m <sup>3</sup>	< 0.008	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).

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-



**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](mailto:pglab@aespl.co.in)Tel: 9112844844, **CIN:** U74999MH2001PTC132091 **UDYAM-MH-19-0029787****Test Report  
(Workplace)****Ref:** AESPL/LAB/C/WP-24/03/08**Issue Date:** 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Fatty acid -Ground floor		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 1:45 to 2:15 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/08
<b>Sample Quantity &amp;</b>	: nMHC-1Bladder; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature: 27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SPM, mg/m <sup>3</sup>	0.380	15mg/m <sup>3</sup> [OSHA (PEL)]	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).**Note:**

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**Reshma S. Patil.**  
**(Authorized Signatory)**

-End of Test Report-



# ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

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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](mailto:pglab@aespl.co.in)

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

## Test Report (Workplace)

Ref: AESPL/LAB/C/WP-24/03/09

Issue Date: 10/03/2024

<b>Name of Customer &amp; Contact Details</b>	: Godrej Industries Ltd Pirojshanagar, Eastern Express Highway Vikroli East, Mumbai – 400079 Mr. Abhijit Kanse 770982586, Email: <a href="mailto:abhijit.kanase@godrejinds.com">abhijit.kanase@godrejinds.com</a>		
<b>Name of Site</b>	: Godrej Industries Ltd. Ambernath Plant. Dist-Thane		
<b>Description of Sample</b>	: Workplace		
<b>Location of Sampling</b>	: Boiler house		
<b>Date of Sampling</b>	: 02/03/2024		
<b>Sampling Time</b>	: 12:00 to 12:30 hr.	<b>Duration</b>	: 30 min.
<b>Sample Drawn By</b>	: AESPL	<b>Transported By</b>	: AESPL
<b>Date of Sample Receipt</b>	: 02/03/2024	<b>Sample</b>	: A-24/03/09
<b>Sample Quantity &amp;</b>	: SO <sub>2</sub> -30ml X 1No.; SPM-1NRD Cap.		
<b>Date of Sample Analysis</b>	: 04/03/2024 to 07/03/2024		
<b>Sampling Environmental Conditions</b>	: Temperature:28-38°C; Rain fall: No; P <sub>bar</sub> : 754 mmHg.		
<b>Transportation Condition</b>	: Filter papers in plastic container		
<b>Sampling Equipment</b>	: High Volume Sampler RDS-I-09		
<b>Calibration Status</b>	: Calibrated on 29/12/2023 due on 29/12/2024		
<b>Project/ Job number</b>	: PO#2527006419 DT. 09.05.2023		
<b>Reference of Sampling</b>	: AESPL/LAB/QR/7.3.3/R-02		
<b>Method of Sampling &amp; Preservation</b>	: AESPL/LAB/SOP/7.3.1/WP-01		
<b>Environmental Condition while Testing</b>	: Ambient Temperature:27.6°C and Humidity: 69%		
<b>Parameter</b>	<b>Result</b>	<b>Limits as per</b>	<b>Method of sampling &amp; analysis</b>
SO <sub>2</sub> , mg/m <sup>3</sup>	0.036	13 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 2) RA 2017
SPM, mg/m <sup>3</sup>	0.348	15 mg/m <sup>3</sup> [OSHA (PEL)]	IS 5182 (Part 23) RA 2017

PEL-Permissible Exposure Limit.

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**Reshma S. Patil.**  
(Authorized Signatory)

-End of Test Report-

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto: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

Date: 15/05/2023

To,  
M/s. Godrej Industries Ltd.  
Plot No. 73, Additional Ambarnath, MIDC, Anand Nagar  
Dist- Thane,



**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 CI 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	UOM
Products					
1	Monocarboxillic Fatty Acid	0	0	0	--NA--
	Fractionated Fatty Acid	16000	16000	16000	MT/A
	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	UOM
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:**

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
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	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 Separator	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

\* Sale to Authorized Party having permission under H &OW Rule

8. **Conditions under E-Waste Management:**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Disposal Path</b>
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 -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
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 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.
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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
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/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Hot Air Generator	Stack	28.75	LDO 85 Ltr/Hr	1.80	TPM	150 Mg/Nm <sup>3</sup>
				PNG 100 SCM/Hr	-	SO2	64 Kg/Day
S-2	HP Boiler (2 Nos- 1 Standby)	Stack	46.00	FO+pitch oil/LSHS+pitch oil (70:30 ratio) 136 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>
				PNG 171 SCM/Hr	-	SO2	293 Kg/Day
	MP Boiler	Stack	FO+pitch oil/LSHS+pitch oil(70:30 ratio) 392 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>	
			PNG 1820 SCM/Hr	-	SO2	846.70 Kg/Day	
S-3	LP Boiler	Stack	46.00	FO+pitch oil/LSHS+pitch oil(70:30 ratio) 1446 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>
				PNG 1820 SCM/Hr	-	SO2	694 Kg/Day
	LP Boiler	Scrubber	Briquette 65 MT/Day	0.2	TPM	150 Mg/Nm <sup>3</sup>	
			SO2	260 Kg/Day			
S-4	Thermic Fluid Heater for Erucic Plant	Stack	38.00	FO/LDO 200 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>
				PNG 305 SCM/Hr	-	SO2	432 Kg/Day
	Thermosyphon heater for distillation Plant	Stack	FO/LDO 125 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>	
			PNG 229 SCM/Hr	-	SO2	270 Kg/Day	
S-5	Thermosyphon heater for distillation Plant	Stack	38.00	FO/LDO 58 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>
				PNG 89 SCM/Hr	-	SO2	125 Kg/Day
	Thermosyphon heater for distillation Plant	Stack	FO/LDO 65 Ltr/Hr	4.5	TPM	150 Mg/Nm <sup>3</sup>	
			PNG 99 SCM/Hr	-	SO2	140 Kg/Day	



Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-6	Boiler	Scrubber	38.00	Briquette 300 Kg/Hr	0.20	TPM	150 Mg/Nm <sup>3</sup>
						SO2	29 Kg/Day
S-7	Process stack AOS Plant	Scrubber ESP	30.00	-	-	SO2 (process)	50 PPM
						Acid Mist	35 Mg/Nm <sup>3</sup>
S-8	Process Stack for Spray Dryer	Fabric Bag Filter Cyclone	28.75	-	-	TPM	150 Mg/Nm <sup>3</sup>
S-9	DG Set (1.5 MW)	Acoustic Enclosure Stack	30.00	HSD 300 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO2	126 Kg/Day

Industry shall use cleaner fuel instead of Furnace Oil

- 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.
- 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.
- 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	Consent (C2E/C2O/C2R)	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	Amount of BG Forfeiture	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
3. 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 them.
  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
  7. 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 siting 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](http://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.

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This certificate is digitally & electronically signed.

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**Varsha Kalange**

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**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 <ecompliance-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"



Ref. No. -

Dated: 07.03.2022

To,  
Regional Office  
Ministry of Environment Forest and Climate Change  
Ground 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  
2. 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.  
3. 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
<b>Specific Condition</b>		
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 L.MV5 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

<p>Details of monitoring efficiency of scrubber and frequency of same shall be provided.</p>	<p>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.</p> <p>Technical details with diagram of ESP, Scrubber, and treatment of scrubbing media are enclosed as <b>Annexure - IV</b>.</p> <p>AOS scrubber process stack is monitored monthly for SO<sub>x</sub>, NO<sub>x</sub>, Acid Mist &amp; Oxides of Nitrogen. Copy of the latest report for AOS scrubber process stack enclosed as <b>Annexure - V</b></p>
<p>4) <b>Condition No. iv)</b> Provide direct link of website where monitoring data are regularly update</p>	<p>The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, 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 - VI</b>.</p> <p>We will upload monitoring data on <a href="http://www.godrejind.com">www.godrejind.com</a> website regular basis.</p>
<p>5) <b>Condition No. vi)</b> Piping layout of closed handling system, reflux condenser, leak detection system and acid transportation line along with details of cathodic protection to underground storage tank shall be provided.</p>	<p><i>There are no underground chemical storage tanks at the unit.</i></p> <p>Block Diagram of Unloading &amp; Consumption Closed System of Chemical NaOH and H<sub>2</sub>SO<sub>4</sub> is enclosed as <b>Annexure VII</b></p> <p>List of Gas detected provided at various location is enclosed as <b>Annexure VIII</b></p>
<p>6) <b>Condition No. x)</b> Process flow diagram of ZLD along with water balance should be provided.</p>	<p>Water generated during manufacturing process recycled in reactor after evaporation process. Water balance showing ZLD enclosed as <b>Annexure - IX</b>. ETP Process flow diagram showing ZLD along enclosed as <b>Annexure X</b>.</p>
<p>7) <b>Condition No. xii)</b> Annual Hazardous Waste returns form (Form IV) need to be submitted</p>	<p>Yes, Complied with. Annual Hazardous Waste returns form (Form IV) submitted for year 2020-2021 enclosed as <b>Annexure - XI</b>.</p>

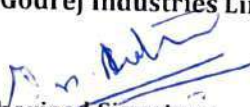
	along with receipt of receiving spent carbon from cement industry	AS permitted by MPCB the spent carbon is disposed to CHWTSDF i.e. TTCWMA. Copy of Membership certificate is enclosed as <b>Annexure XII</b> .																		
8)	Condition No. xii) Details of emergency plan and firefighting facilities implemented onsite shall be provided.	Copy of Onsite Emergency Evacuation Plan enclosed as <b>Annexure - XIII</b> and Fire Hydrant Layout is enclosed as <b>Annexure - XIV</b> .																		
<b>GENERAL CONDITIONS</b>																				
9)	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.	<p>Training is regularly imparted to all employees on safety and health aspect of chemicals handling Pre-employment and routine periodical medical examinations for all employees is undertaken on regular basis.</p> <p>Training to all employees on handling of chemical is imparted.</p> <p>Annual Training Calendar for year 2021-2022 is enclosed as <b>Annexure - XV</b>.</p>																		
10)	Condition No. xii) Expenditure made on environmental measures shall be provided.	<p>Environmental Management Plan for manufacturing unit is as given below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Sr. No</th> <th rowspan="2">Environmental Protection Measures</th> <th colspan="2">O &amp; M Cost</th> </tr> <tr> <th>Capital</th> <th>Recurring</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>ETP</td> <td>Rs. 450 lacs</td> <td>Rs. 50 lacs / annum</td> </tr> <tr> <td>2.</td> <td>SWM</td> <td>NA</td> <td>Rs 20.0 lac / annum</td> </tr> <tr> <td>3.</td> <td>RWH</td> <td>Rs 20 lac</td> <td>Rs 2.0 lac/ annum</td> </tr> </tbody> </table> <p>Expenditure made on environmental measures as on January 2022 is as given below: ETP: Rs 3.9 Crore RWH: Rainwater Harvesting: Rs. 20 Lakhs</p>	Sr. No	Environmental Protection Measures	O & M Cost		Capital	Recurring	1.	ETP	Rs. 450 lacs	Rs. 50 lacs / annum	2.	SWM	NA	Rs 20.0 lac / annum	3.	RWH	Rs 20 lac	Rs 2.0 lac/ annum
Sr. No	Environmental Protection Measures	O & M Cost																		
		Capital	Recurring																	
1.	ETP	Rs. 450 lacs	Rs. 50 lacs / annum																	
2.	SWM	NA	Rs 20.0 lac / annum																	
3.	RWH	Rs 20 lac	Rs 2.0 lac/ annum																	
<b>Additional Details</b>																				
1)	Copy of latest safety audit report and details of updating safety audit report	Occupation Safety & Health audit report December 2021 enclosed as <b>Annexure - XVI</b> .																		
2)	Details of information submitted to District Authorities for preparation of offsite emergency management plan.	Copy of Emergency Preparedness & Response Plan is enclosed as <b>Annexure - XVII</b> .																		

3) Details of import of Hazardous Chemicals	We have not imported any hazardous chemical during last financial year.
4) Details of safety datasheet of hazardous chemicals being handled at the project	Copy of safety datasheet of hazardous chemicals being handled at the site are enclosed as <b>Annexure - XVIII.</b>
5) Copy of valid Public Liability Insurance	Copy of valid Public Liability Insurance enclosed as <b>Annexure - XIX.</b>
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 :- [eeambnath@midcindia.org](mailto:eeambnath@midcindia.org)  
Contact No. :- 0251-2610377.

No.EE/AMB/N-73 / 3848 /of 11,  
Office of the Executive Engineer,  
MIDC, (Civil) Division,  
Ambarnath.  
Date :- 08/06/2011

To,

✓ M/s. Godrej Industries Ltd.,  
Regd. Office: Pirojshanagar,  
Eastern Express Highway,  
Vikhroli (E), Mumbai 400 079.

**Sub :-Addl. Ambarnath 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,

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 m<sup>3</sup>/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  
Ambarnath

❖ Copy to the Deputy Engineer, MIDC, sub division, Addl. Ambarnath for information.

❖ Copy to Guard file.



# MAHARASHTRA POLLUTION CONTROL BOARD

ANNEXURE VI

Tel.No. (0251) 2310167/  
2310212  
Fax No. (0251) 2310192  
Visit us on: [www://mpcb.gov.in](http://www.mpcb.gov.in)  
E.mail: [tokalyan@mpcb.gov.in](mailto:tokalyan@mpcb.gov.in)



Regional Office, Kalyan  
Sidhivinayak Sankul,  
3<sup>rd</sup> & 4<sup>th</sup> Floor, Near Oak Baug,  
Station Road,  
Kalyan (West) – 421 301.

No. MPCB/ROK/Restart/B-138

Date: 07.02.2017.

To,  
M/s. Godrej Industries Ltd,  
Plot No-N-73, MIDC, Additional Ambarnath,  
Dist-Thane.

**Sub:** Conditional Restart Directions under section 33A of the Water (P & CP) Act, 1974 and under section 31A of the Air (P & CP) Act, 1981.

**Ref :** 1) Consent to operate granted by MPC Board.  
2) Direction issued by Board vide letter dated 07/07/2016.  
3) Closure Direction issued by Board vide letter dated 02/08/2016.  
4) 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.  
6) 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.  
8) 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.

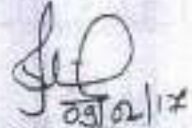
1. You are allowed to operate the Fat Splitting Plant (FSP) with overall effluent generation not exceeding 550 CMD, & Zero Liquid Discharge (ZLD) condition.
2. You shall maintain the daily record of Production, Water consumption, effluent generation, its treatment and disposal and submit the same weekly 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..

4. 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.
7. You shall dispose off MEE rejects & R.O. Rejects to CHWTSDF regularly and submit the records at regular interval.
8. 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.



(D.B. Patil)

Regional Officer, Kalyan

**Copy submitted for information to:**

- 1] Member Secretary, MPCB Sion Mumbai.
- 2] Principal Scientific Officer, MPCB, Sion, Mumbai
- 3] Law Officer, MPCB, Sion, Mumbai

**Copy f.w.cs to:**

Executive Engineer, MIDC, Division Ambarnath- He is directed to restore the water supply of the said unit, immediately.

**Copy to:-**

- 1] Sub Regional Officer, MPCB, Kalyan-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**

Month/Year	Effluent	RO Permeate				RO3 reject
		RO1 permeate	RO2 permeate	RO3 permeate	Total Permeate	
<b>Oct-23</b>	7560	5071	693	337	6101	546
<b>Nov-23</b>	7486	4588	933	383	5904	638
<b>Dec-23</b>	8154	5590	1110	473	7173	769
<b>Jan-24</b>	8343	6039	1058	478	7575	798
<b>Feb-24</b>	7151	4910	1052	445	6407	823
<b>Mar-24</b>	7608	5089	1181	463	6733	883

**NOTE: Permeate water circulated for maintain RO Feed TDS**

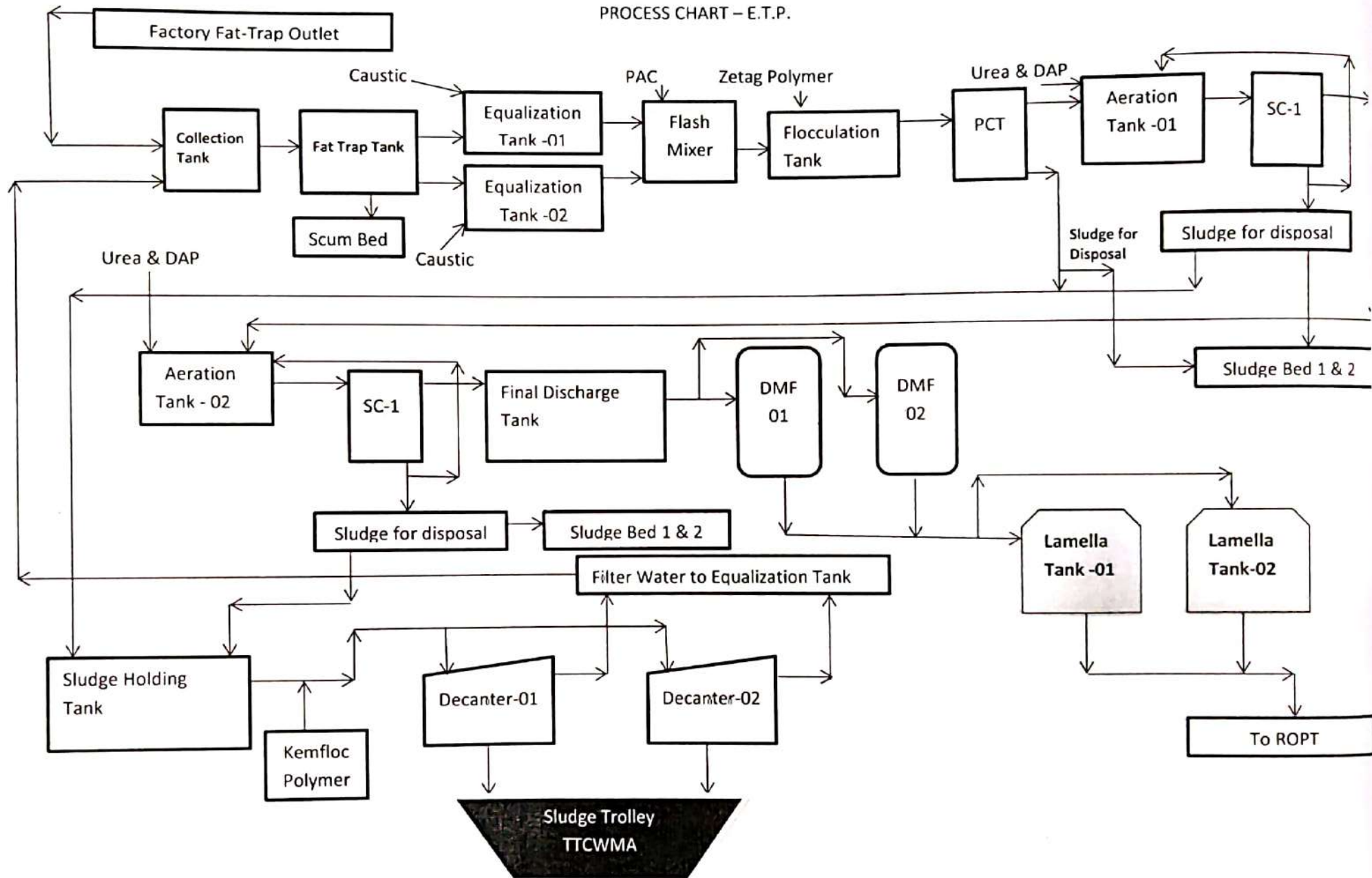
**Water Balance Report.**

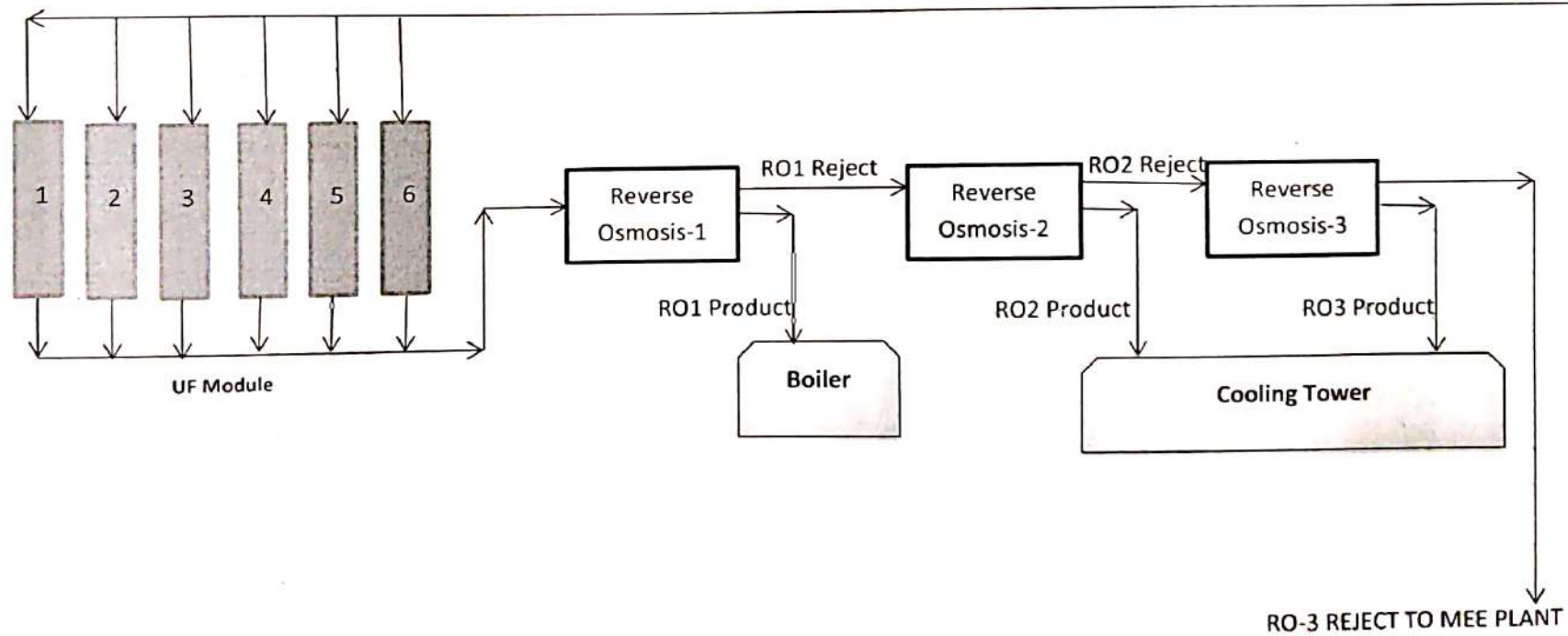
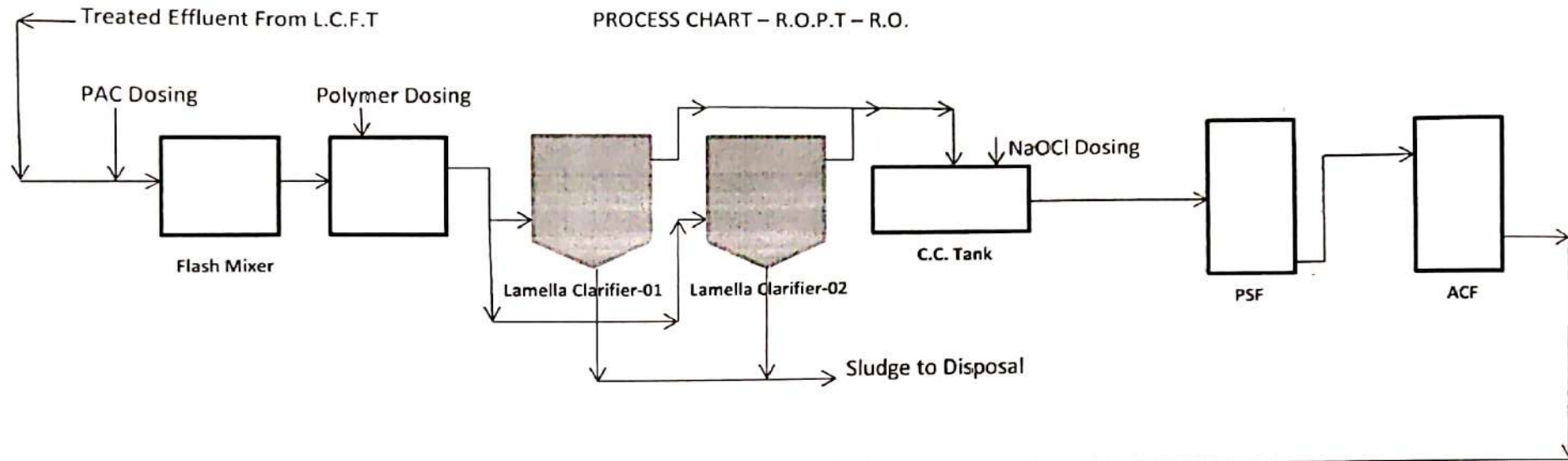
Month/Y ear	Raw effluent	Sewage	Total Feed (Effluent + Sewage)	Equalization	Decanter Feed	Etp final treated	DM reg. waste water	ROPT inlet	Filter feed	UF feed	UF product	RO1 permeate	RO2 permeate	RO3 permeate	Total Permeate	RO3 reject	Total Feed	MEE FEED	MEE Condensate
Oct-23	7368	657	8025	7575	91	7560	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
<b>Total:</b>	<b>46694</b>	<b>2484</b>	<b>48647</b>	<b>49345</b>	<b>2332</b>	<b>46302</b>	<b>1270</b>	<b>56147</b>	<b>53353</b>	<b>49498</b>	<b>38275</b>	<b>31287</b>	<b>6027</b>	<b>2579</b>	<b>39893</b>	<b>4457</b>	<b>65065</b>	<b>4595.4</b>	<b>5691.5</b>



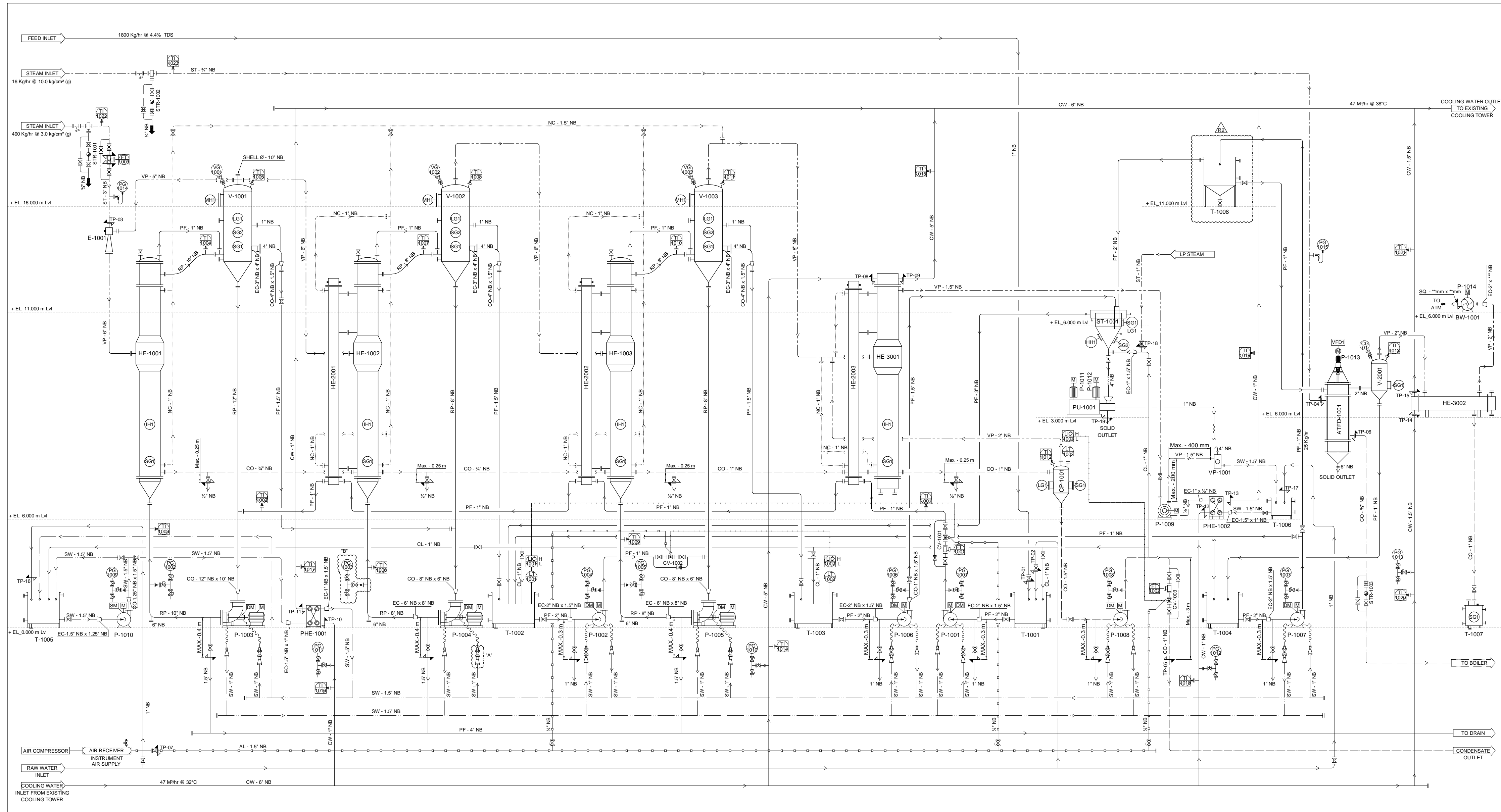


PROCESS CHART – E.T.P.









FOW WEIGHT	Kg	1430	1060	1200
EMPTY WEIGHT	Kg	530	460	480
SHELL LENGTH	MM	3000	3000	3000
NO. OF SHELL	Nos.	01		
SHELL DIA. - INNER / JACKET	MM	609.6 / 508	558.8	
AGITATED THIN FILM DRYER TAG UNIT	UNIT	V-1001	V-1002	V-1003

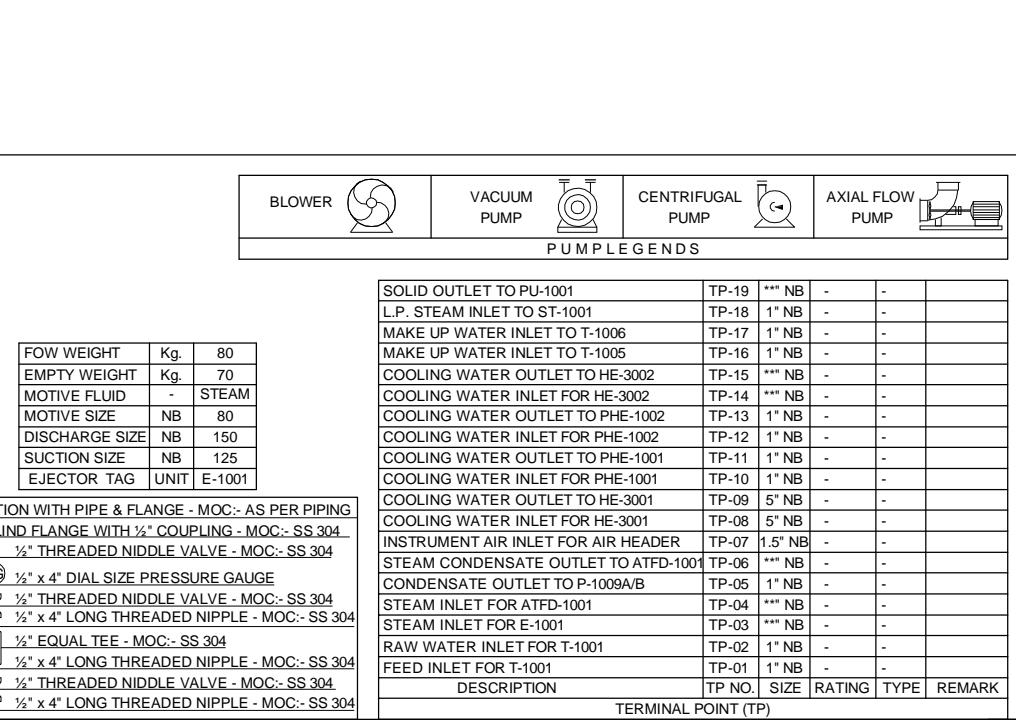
FOW WEIGHT	Kg	2250	1420	1420
EMPTY WEIGHT	Kg	1250	820	820
SHELL LENGTH	MM	43.09	19.15	19.15
NO. OF PASSES	1	1	1	1
TUBES THK	MM	0.9	0.9	0.9
TUBES LENGTH	MM	6000	6000	6000
NO. OF TUBES	Nos.	90	40	40
TUBE DIA.	MM	25.4	25.4	25.4
SHELL DIA.	MM	406.4	273	273
SHELL DIA.	MM	141.3	141.3	141.3
NO. OF TUBES	Nos.	4	4	4
TUBE DIA.	MM	25.4	25.4	25.4
SHELL DIA.	MM	141.3	141.3	141.3

FOW WEIGHT	Kg	1550	**
EMPTY WEIGHT	Kg <td>950 <td>**</td> </td>	950 <td>**</td>	**
SHELL LENGTH	MM <td>500</td> <td></td>	500	
SHELL DIA.	MM <td>950</td> <td></td>	950	
SHELL DIA.	MM <td>220</td> <td></td>	220	
ENTRANMENT SEPARATOR TAG UNIT	UNIT	ST-1001	

FOW WEIGHT	Kg	80
EMPTY WEIGHT	Kg <td>70</td>	70
SEAL LIQUID PRESSURE	Kg/cm <sup>2</sup>	0.5 TO 0.8
SEALING WATER REQUIRED	Lit/min	16
MAX. VACUUM	MM of Hg	720
MAX. SUCTION CAPACITY	M <sup>3</sup> /hr	175
MODEL		VWS-75
VACUUM PUMP TAG UNIT	UNIT	P-1009



T-1008	ATFD FEED TANK-1 (R2)	PU-1001	PUSHER TYPE CENTRIFUGAL-1
T-1007	ATFD CONDENSATE TANK-1	PHE-1002	PLATE TYPE HEAT EXCHANGER-2
BW-1001	BLOWER-1	PHE-1001	PLATE TYPE HEAT EXCHANGER-1
HE-3002	PRIMARY SURFACE CONDENSER-2	E-1001	THERMO VAPOUR RE-COMPRESSOR
V-2001	ENTRANMENT SEPARATOR-1	HE-3001	PRIMARY SURFACE CONDENSER-1
ATFD-1001	AGITATED THIN FILM DRYER-1	T-1006	SEAL WATER TANK-2
T-1004	BALANCE TANK-4	T-1005	SEAL WATER TANK-1
T-1003	BALANCE TANK-3	T-1004	BALANCE TANK-4
T-1002	BALANCE TANK-2	T-1003	BALANCE TANK-3
T-1001	BALANCE TANK-1	T-1002	BALANCE TANK-2
VP-1001	VACUUM POT-1	T-1001	BALANCE TANK-1
ST-1001	SALT SETTLER-1	CP-1001	CONDENSATE POT-1
HE-2003	PREHEATER-3	HE-2002	PREHEATER-2
HE-2001	PREHEATER-1	HE-2001	PREHEATER-1
V-1003	VAPOUR SEPARATOR-3	V-1002	VAPOUR SEPARATOR-2
V-1001	VAPOUR SEPARATOR-1	V-1001	VAPOUR SEPARATOR-1
HE-1003	CALANDRIA-3	HE-1002	CALANDRIA-2
HE-1001	CALANDRIA-1	HE-1001	CALANDRIA-1
TAG No.	EQUIPMENT NAME	TAG No.	EQUIPMENT NAME

NO.	SYMBOL	DESCRIPTION	LEGENDS	NO.	SYMBOL	DESCRIPTION	LEGENDS
10	○	AIR LINE	AL SS 304	23	⊗	CONTROL VALVE (CV)	
9	—	CONDENSATE WATER LINE	CL SS 304	21	⊘	ROUND TRAP	
8	—	SEAL WATER LINE	SW SS 304	20	—	FLEXIBLE HOSE PIPE	
7	—	STEAM LINE	ST CS	19	⊗	TEMPERATURE INDICATOR	
6	—	COOLING WATER LINE	CW CS	18	⊗	ELECTRIC MOTOR	
5	—	VAPOUR LINE	VP SS 304	17	DM	DOUBLE MECHANICAL SEAL	
4	—	NON CONDENSIBLE LINE	NC SS 304	16	⊗	GLAND PACKING	
3	—	CONDENSATE LINE	CO SS 304	15	⊗	COMPOUND GAUGE	
2	—	RECIRCULATION PIPE LINE	RP SS 316	14	⊗	PRESSURE GAUGE	
1	—	PROCESS / TRANSFER LINE	PF SS 316	13	⊗	LEVEL TRANSMITTER	
		LINE IDENTIFICATION (LINE SYMBOLS)	TAG, MOC	12	⊗	VACUUM GAUGE	

**CHEM PROCESS SYSTEMS PVT. LTD.**  
 15 NATRAJ INDUSTRIAL ESTATE, SANAND - VIRAMGAM HIGHWAY, NEAR VASNA-IYAVA ROAD, TA-SANAND, DIST.-AHMEDABAD, GUJARAT-INDIA.  
 CLIENT: GOREJ INDUSTRIES LTD PROJECT: THANE, MAHARASHTRA  
 DRAWING TITLE: P&ID DIAGRAM FOR THREE EFFECT FORCED CIRCULATION EVAPORATION PLANT WITH T&R & ATFD.  
 DRAWING NO.: EVS-772-P&ID-3EFT-R2 P.O. No.: 2523001202  
 JOB NO.: EVS-772 SCALE: NTS SHEET: 1 OF 1 REV. NO.: R2



**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@sfy.com, ttcwmam@rediffmail.com

Ref No/ *TTCWMA/2010*

*4<sup>th</sup> 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 (CHWISDF) Mahape, vide our  
 membership No. 356 on 31<sup>st</sup> December, 2003.*

*Thanking you,*

*Yours truly,*

*For TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION*

*P. M. Sreevalsan*

**P.M.SREEVALSAN**  
**SITE MANAGER**



# TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION

(PROMOTED BY THANE BELAPUR INDUSTRIES ASSOCIATION)

Plot No. P-128, SHIL MAHAPE ROAD, NEXT TO L & T INFOTECH LTD.,  
MAHAPE, NAVI MUMBAI - 400 710.

Tel. : 27610153 / 27616131 / 27616132 • Fax : 27610152

E-mail : [ttoemem@gmail.com](mailto:ttoemem@gmail.com) / [info@ttowastemanagement.com](mailto:info@ttowastemanagement.com)

Website : [www.ttowastemanagement.com](http://www.ttowastemanagement.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. Sreevalsan



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 : ttcwman@gmail.com, ttcwmanlab@gmail.com

Website : www.ttcwastemanagement.com

CIN NO. : U37100MH1998NPL117284



ISO: 9001-2008 Certified

*Ref No/TTCWMA/2019*

*Date: 16.07.2019*

*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 31<sup>st</sup> December, 2003.*

*Thanking you,*

*Yours truly,*

*For TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION*

*P.M. SREEVALS*  
*SITE MANAGER*





# 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:**

MPCB-HW\_ANNUAL\_RETURN-0000035179

**Submitted On:**

01-06-2023

**Industry Type**

:

Generator

**Submitted for Year:**

2023

**1. Name of the generator/operator of facility**

M/s. Godrej Industries Ltd.

**Address of the unit/facility**

Plot No. N-73,GB-1/1, Addnl. Ambernath,  
MIDC, Anand Nagar, Ambernath, Dist.  
Thane - 421506

**1b. Authorization Number**

Format 1.0/CAC/UAN No. 0000112073/CO/2204000719 & Format  
1.0/CAC/UAN No. 0000112073 /CO/2305001017 Dated - 15.05.2023

**Date of issue**

Apr 22, 2022

**Date of  
validity of  
consent**

Feb 28, 2025

**2. Name of the authorised person**

Mr. R. S. Kumar (AVP-Manufacturing)

**Full address of authorised person**

M/s. Godrej Industries Ltd., Plot No. N-73,  
Addnl. Ambernath, MIDC, Anand Nagar,  
Ambernath, Dist. Thane - 421506

**Telephone**

02512624154

**Fax**

--

**Email**

rs.kumar@godrejinds.com

**3. Production during the year (product wise), wherever applicable**

Product Type *	Product Name *	Consented Quantity	Actual Quantity	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.

<b>Type of Waste</b>	<b>Quantity of waste</b>	<b>UOM</b>	<b>Dispatched to</b>	<b>Facility Name</b>
5.1 Used or spent oil	0	MTA	Recycler or Actual user	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	MTA	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

Other Hazardous Waste	39.615	MTA	Disposal Facility	(Waste Type -ESP Residue) to MWML
Other Hazardous Waste	88.85	MTA	Recycler or Actual user	(Waste Type - By product Sulphuric Acid) Authorized Recycler
36.2 Spent carbon or filter medium	0.94	MTA	Disposal Facility	MWML

### 3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	Nil	0.00	MTA

### 4. Quantity in storage at the end of the year

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

Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

### 6. Quantity incinerated (if applicable)

UOM
NA
KL/Anum

## PART B: To be filled by Treatment, storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Maharashtra

2. Quantity in stock at the beginning of the year

NA

**UOM**

KL/Anum

3. Quantity treated

NA

**UOM**

KL/Anum

4. Quantity disposed in landfills as such and after treatment

**Type**

Direct landfilling

**Quantity**

NA

**UOM**

KL/Anum

Landfill after treatment

NA

KL/Anum

5. Quantity incinerated (if applicable)

NA

**UOM**

KL/Anum

6. Quantity processed other than specified above

NA

**UOM**

KL/Anum

7. Quantity in storage at the end of the year.

NA

**UOM**

KL/Anum

### **PART C: To be filled by recyclers or co-processors or other users**

1. Quantity of waste received during the year

<b>Waste Name/Category</b>	<b>Country Name</b>	<b>State Name</b>	<b>Quantity of waste received from domestic sources</b>	<b>Quantity of waste imported (If any)</b>	<b>Units</b>
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

**Waste Name/Category**

NA

**Quantity**

NA

**UOM**

KL/Anum

3. Quantity of waste recycled or co-processed or used

**Name of Waste**

NA

**Type of Waste**

NA

**Quantity**

NA

**UOM**

KL/Anum

4. Quantity of products dispatched (wherever applicable)

**Name of product**

NA

**Quantity**

NA

**UOM**

KL/Anum

5. Total quantity of waste generated

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

6. Total quantity of waste disposed

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

7. Total quantity of waste re-exported (If Applicable)

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

8. Quantity in storage at the end of the year

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

9. Quantity disposed in landfills as such and after treatment

**Type**

Direct landfilling

**Quantity**

NA

**UOM**

KL/Anum

Landfill after treatment

NA

KL/Anum



10. Quantity incinerated (if applicable)

NA

Personal Details

**Place**

Ambernath, Thane

**UOM**

KL/Anum

**Date**

2023-06-01

**Designation**

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** : 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: 08/07/2015

**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:

Sr. No.	Name of Construction	Gr. FL.	1 <sup>st</sup> FL.	2 <sup>nd</sup> FL.	3 <sup>rd</sup> FL.	4 <sup>th</sup> FL.	5 <sup>th</sup> FL.	6 <sup>th</sup> FL.	Area For extra Height	Total Built up area (Sq.M.)
1	Flaker plant	548.80	548.80	548.80	--	--	--	--	823.20	2469.60
2	FADP Building	399.20	399.20	399.20	330.80	330.90	330.90	330.90	530.50	3051.70
3	Hydrogenation plant	350.60	350.60	85.50	135.30	--	--	--	331.90	1254.90
4	FSPC plant	768.50	768.50	768.50	768.50	768.50	--	--	384.30	4226.80
5	G.D. plant	237.80	237.80	237.80	237.80	237.80	--	--	118.90	1307.90
6	Q.C. Lab building	290.10	91.60	290.10	290.10	--	--	--	99.25	1081.15
7	Spray Dryer	509.70	263.60	161.30	--	--	--	--	203.80	1461.00
8	AOS tank farm	1752.10	--	--	--	--	--	--	36.00	1788.10
9	Engg. Store-Workshops	557.60	440.10	--	--	--	--	--	58.70	1056.30
10	Office Building	113.10	464.60	107.30	--	--	--	--	--	685.00
11	Canteen building	800.00	--	--	--	--	--	--	--	800.00
12	AOS Plant	1273.20	--	--	--	--	--	--	636.60	1909.80
13	Degenerator Platform	60.00	60.00	--	--	--	--	--	60.00	180.00
14	FADP Plant (Extension)	337.10	294.10	205.10	205.10	205.10	205.10	205.10	352.15	2008.65
15	M.C.C. Room-FADP Building	94.03	94.03	--	--	--	--	--	47.01	235.07
16	Office Building Extension	52.30	--	58.73	--	--	--	--	--	111.03

2/-

17	MCC Room (Cooling Tower)	100.70	--	--	--	--	--	--	--	100.70
18	Noodle Plant	300.00	52.20	--	--	--	--	--	150.00	502.20
19	Sulphuric Acid Storage Tank	63.90	17.50	--	--	--	--	--	--	81.40
20	Sulphur Godown	100.70	--	--	--	--	--	--	--	100.70
21	Sodium Sulphuric Recovery Plant	22.35	22.35	22.35	22.35	--	--	--	--	87.05
22	Shed Near Q.C. Lab & GDP Plant	65.12	--	--	--	--	--	--	--	65.12
23	Cylinder Storage Shed Near Q.C. Lab	8.75	--	--	--	--	--	--	--	8.75
24	D.M. Water Treatment Plant	392.66	--	--	--	--	--	--	--	392.66
25	Toilet Blocks	93.35	--	--	--	--	--	--	--	93.35
26	Cooling Tower (Free of FSI)	529.00	--	--	--	--	--	--	--	529.00
<b>Total Built up Area (Sq.M.)</b>									<b>25019.13</b>	

• 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.

- 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.
- It is presumed that you have completed the work adhering to the provisions **under Section-3** of the said Act.
- 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,

  
for ( S S Wanck )  
Chief Fire Officer & Fire Advisor,  
MIDC, Mumbai-400 093.

Copy to The Executive Engineer, MIDC Ambarnath Divn (SPA) for information. Please.

NEW

HEALTH REGISTER

FORM - 7

Company Name :- GODREJ INDUSTRIES LTD.

Cont. / Unit Name : Employee

Address : Plot No. N-73, Additional Ambernath Industrial Area, Anand Nagar MIDC Road, Ambernath, Jambhivali, Maharashtra 421502

Valid From : { 27-03-2023 To 26-03-2024 }

*Shachar*

DR. SHIVAJI V. KACHARE  
MBBS. AFIH.(MUMBAI) DHA.PGD. EMS.

Certifying Surgeon For Factories  
Thane ,District. under Govt. Of Maharashtra Factories Rules.

**GODREJ INDUSTRIES LTD.**

**HEALTH REGISTER**

**CERTIFYING SURGEON**

FORM NO. 7 (Prescribed under Rule 18 (7))

**DR. SHIVAJI V. KACHARE**

White Collar

From: { 27-03-2023 To 26-03-2024 }

MBBS, AFIH, (MUMBAI) DHA, PGD, EMS.

Sr. No.	Emp. Code	Name of Worker	Sex	Age	Dept of employment of present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	It suspended from work, state Period of	Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon
1	498	A M Patrekar	Male	52	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
2	708335	ROSHAN MATRE	Male	35	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
3	709246	ASHOK JADHAV	Male	37	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
4	709640	SANDESH GOLE	Male	33	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
5	718575	ADESH BHOIR	Male	24	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
6	718944	Gaurav Chavan	Male	23	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
7	703553	Anil Jadhav	Male	40	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
8	714466	ROHAN MORE	Male	28	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
9	715186	SWAPNIL MALUSARE	Male	28	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
10	715450	PRAKASH HARANE	Male	24	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
11	716404	SAHIL ZAVARE	Male	0	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
12	716458	TOUFIQ MULLA	Male	25	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
13	716587	PRAMOD MORE	Male	28	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
14	716885	SAGAR MAHALE	Male	29	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
15	717651	PRAMOD GAIKWAD	Male	25	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
16	717893	SARVESH MHATRE	Male	21	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
17	718176	AKSHAY TATE	Male	26	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
18	718229	ONKAR CHATAGE	Male	25	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
19	718450	AJAY MORE	Male	23	AOS	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
20	718782	MILIND BHOIR	Male	22	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
21	718869	SAURABH YERUDKAR	Male	25	AOS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
22	719001	Akash Shrivastava	Male	20	AOS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
23	707759	GAJANAN JAISWAL	Male	43	Civil	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
24	365	N T Shetye	Male	60	EHS	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
25	704865	Vishram Maral	Male	37	EHS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
26	714378	GAURAV PATIL	Male	31	EHS	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	FIT	NA	
27	708971	HARSHAL CHOUDHARI	Male	35	Electrical	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
28	710748	RUSHIKANT PENDHARI	Male	44	Electrical	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	
29	710749	MAHADEV PAWAR	Male	46	Electrical	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	FIT	NA	
30	711448	MANGESH MOLAWADE	Male	32	Electrical	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	FIT	NA	

**डॉ. शिवाजी वि. कचरे**  
M.B.B.S, DHA, F.I.H. (MUM)

कारखाने अधिनियम १९४८ च्या

कलम १० (२) प्रमाणे, ठाणे जिल्हाकरिता  
दि. १६-०९-२०२३ पासून दि. १५-०९-२०२५ पर्यंत  
प्राधिकृत प्रमाणक राज्य चिकित्सक डॉ. ACS31-SK/2023

**GODREJ INDUSTRIES LTD.**

**HEALTH REGISTER**

FORM NO. 7 (Prescribed under Rule 18 (7) )

From: { 27-03-2023 To 26-03-2024 }

**CERTIFYING SURGEON**  
**DR. SHIVAJI V. KACHHARE**

MBBS, AFIH.(MUMBAI) DHA.PGD. EMS.

Sr. No.	Emp. Code.	Name of Worker	Sex	Age	Dept of employment of present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	If suspended from work, state period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon
31	718829	ROHIT PATIL	Male	31	Electrical	NA	NA			28-03-2023	FIT	NA	NA	NA	
32	718858	MAHESH MALI	Male	28	Electrical	NA	NA			27-03-2023	FIT	NA	NA	NA	
33	717533	DIPAK AGIVALE	Male	27	Electrical	NA	NA			28-03-2023	FIT	NA	NA	NA	
34	718968	Rahul Pingle	Male	25	Electrical	NA	NA			28-03-2023	FIT	NA	NA	NA	
35	719029	Rahul Anjarlekar	Male	23	Electrical	NA	NA			28-03-2023	FIT	NA	NA	NA	
36	708816	YOGESH BAVISKAR	Male	47	Electrical	NA	NA			27-03-2023	FIT	NA	NA	NA	
37	892	CV Arun Kumar	Male	48	Electrical & Instrumentation	NA	NA			27-03-2023	FIT	NA	NA	NA	
38	103513	Vidyadhar Takle	Male	46	Engineering Services	NA	NA			27-03-2023	FIT	NA	NA	NA	
39	709498	KULDEEP BHENDUGADE	Male	30	Engineering Stores	NA	NA			27-03-2023	FIT	NA	NA	NA	
40	718198	YOGESH MORE	Male	31	Engineering Stores	NA	NA			28-03-2023	FIT	NA	NA	NA	
41	716580	ABHIJIT KANASE	Male	30	ETP	NA	NA			28-03-2023	FIT	NA	NA	NA	
42	101336	AMEY THOMBARE	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
43	707969	KALPESH K KHEDEKAR	Male	29	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
44	708262	SWAPNIL MOKAL	Male	32	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
45	714282	ANKIT JADHAV	Male	27	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
46	715113	SHUBHAM PAWAR	Male	26	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
47	715451	ROHIT MADANE	Male	31	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
48	715761	DHEERAJ NAWADKAR	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
49	716079	CHANDRESH SINGH	Male	24	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
50	716217	AMIR MULLA	Male	28	FADP	NA	NA			29-03-2023	FIT	NA	NA	NA	
51	716218	KUNAL SHEDGE	Male	23	FADP	NA	NA			29-03-2023	FIT	NA	NA	NA	
52	716750	SANDESH GODSE	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
53	716984	AMOL KATKE	Male	28	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
54	716985	SIDDHANT SHINDE	Male	25	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
55	717595	ADITYA KADAM	Male	24	FADP	NA	NA			29-03-2023	FIT	NA	NA	NA	
56	717699	KUSHAL SHARMA	Male	25	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	
57	717888	TEJAS KARANJE	Male	21	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
58	717986	SAQUIB SHAH	Male	24	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
59	718197	SUMIT KAMBALE	Male	24	FADP	NA	NA			27-03-2023	FIT	NA	NA	NA	
60	718208	MEHUL PATIL	Male	23	FADP	NA	NA			28-03-2023	FIT	NA	NA	NA	

**डॉ. शिवाजी वि. कचरे**  
M.B.B.S.DHA,AFIH (MUM)

कारखाने अधिनियम १९४८ च्या

कलम १० (२) प्रमाणे, ठाणे जिल्हाकारिता  
दि. १६-०१-२०२३ पासून दि. १५-०१-२०२५ पर्यंत  
प्राधिकृत घमाणक शास्त्र्य चिकित्सक क. ACS३१-SK/२०२३

**GODREJ INDUSTRIES LTD.**

**HEALTH REGISTER**

**CERTIFYING SURGEON**

FORM NO. 7 (Prescribed under Rule 18 (7) )

**DR. SHIVAJI V. KACHARE**

From: { 27-03-2023 To 26-03-2024 }

MBBS. AFIH, (MUMBAI) DHA, PGD, EMS.

White Collar

Sr. No	Emp. Code	Name of Worker	Sex	Age	Dept./ present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	Is suspended from work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	Is fitness or suspension issued to	Signature with Date of Certifying Surgeon
61	718277	ROHIT MORE	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
62	718439	ABHISHEK MISHRA	Male	25	FADP	NA	NA			27-03-2023	FIT	NA	FIT	NA	
63	718579	MAYUR SHAHANE	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
64	718634	AKSHAY BHOSALE	Male	26	FADP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
65	718655	SANIL MORE	Male	24	FADP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
66	718847	RAVIRAJ KENJALE	Male	26	FADP	NA	NA			29-03-2023	FIT	NA	FIT	NA	
67	718898	ANIKET INGOLE	Male	24	FADP	NA	NA			29-03-2023	FIT	NA	FIT	NA	
68	718899	ADESH KOLHATKAR	Male	24	FADP	NA	NA			29-03-2023	FIT	NA	FIT	NA	
69	G103742	Arockia Dixon	Male	23	FADP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
70	98310	LAXMIPRASAD UNIYAL	Male	57	Finance	NA	NA			29-03-2023	FIT	NA	FIT	NA	
71	600019	SUDHEER PUTHRAN	Male	46	Finance	NA	NA			28-03-2023	FIT	NA	FIT	NA	
72	709639	SANDEEP LADKE	Male	36	Flaker	NA	NA			27-03-2023	FIT	NA	FIT*	NA	
73	711656	MANDAR SAKPAL	Male	41	Flaker	NA	NA			28-03-2023	FIT	NA	FIT	NA	
74	717534	KUNAL GANGURDE	Male	32	Flaker	NA	NA			27-03-2023	FIT	NA	FIT	NA	
75	718195	KIRAN GUDEKAR	Male	24	Flaker	NA	NA			27-03-2023	FIT	NA	FIT	NA	
76	718214	ROHIT GAUDSE	Male	23	Flaker	NA	NA			28-03-2023	FIT	NA	FIT	NA	
77	718266	OMKAR NAIK	Male	22	Flaker	NA	NA			28-03-2023	FIT	NA	FIT	NA	
78	718298	SANDIP CHOPDE	Male	29	Flaker	NA	NA			28-03-2023	FIT	NA	FIT	NA	
79	718483	VIVEK SAWANT	Male	21	Flaker	NA	NA			27-03-2023	FIT	NA	FIT	NA	
80	718485	RUTIK MHATRE	Male	22	Flaker	NA	NA			29-03-2023	FIT	NA	FIT	NA	
81	718903	RUSHIKESH SHINDE	Male	24	FSP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
82	100812	MRUTYUNJAY NAGARE	Male	26	FSP	NA	NA			27-03-2023	FIT	NA	FIT	NA	
83	101988	VINAY GUPTA	Male	25	FSP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
84	712277	SUSHANT KEREKAR	Male	28	FSP	NA	NA			27-03-2023	FIT	NA	FIT	NA	
85	714023	RAHUL KAMBLE	Male	32	FSP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
86	714703	AKSHAY THAKUR	Male	25	FSP	NA	NA			27-03-2023	FIT	NA	FIT	NA	
87	715135	MANURAJ NIKAM	Male	32	FSP	NA	NA			29-03-2023	FIT	NA	FIT	NA	
88	717650	BHUSHAN CHIKHALKAR	Male	27	FSP	NA	NA			27-03-2023	FIT	NA	FIT	NA	
89	717826	DIPESH DALVI	Male	24	FSP	NA	NA			28-03-2023	FIT	NA	FIT	NA	
90	717891	NITIN BODEKAR	Male	23	FSP	NA	NA			28-03-2023	FIT	NA	FIT	NA	

**डॉ. शिवाजी वि. कचरे**  
M.B.S,DHA,AFIH (MUM)

कारखाने अधिनियम १९४८ च्या  
कलम १० (२) प्रमाणे, ठाणे जिल्हाकरिता  
दि. १६-०१-२०२३ पासून दि. १५-०१-२०२४ पर्यंत



Sr. No.	Emp. Code	Name of Worker	Sex	Age	Dept of employment of present work	Date of leaving or Transfer to Other	Reason For Leaving	Transfer of Discharge	Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	If Suspended from work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon	
91	718068	ROHAN PATIL	Male	24	FSP	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
92	718443	SANDESH JADHAV	Male	21	FSP	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
93	718444	SAGAR SUTAR	Male	23	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
94	718453	MANISHANKAR THAKUR	Male	25	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
95	718560	SAGAR DHUMAL	Male	23	FSP	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
96	718561	SHIVAM SONAWANE	Male	24	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
97	718676	SHIVAM RAUT	Male	24	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
98	718677	AAKASH PAWAR	Male	23	FSP	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
99	718688	NIKHIL KOLI	Male	23	FSP	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
100	718738	VISHWAJIT JADHAV	Male	23	FSP	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
101	718762	HARSHAL MALI	Male	23	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
102	718910	RAVINDRA UNDE	Male	23	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
103	718967	Rahul Gunjal	Male	23	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
104	718969	Abhishek Jagtap	Male	22	FSP	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
105	719017	Naresh Gore	Male	23	FSP	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
106	3100	M N Murthy	Male	52	Hydrogen	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
107	103025	NITESH EGADE	Male	26	Hydrogen	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
108	713181	SAGAR DINKAR	Male	30	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
109	713427	JOEL MATHIEW	Male	31	Hydrogen	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
110	714260	NAYANESH THORVE	Male	28	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
111	715187	AKSHAY JADHAV	Male	26	Hydrogen	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
112	715192	CHANDAN THAKUR	Male	24	Hydrogen	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
113	715846	PRASHANT SAKHARE	Male	31	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
114	716080	KISHAN SINGH	Male	27	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
115	716401	AJIT RATHOD	Male	29	Hydrogen	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
116	716691	AKASH N GAIKWAD	Male	25	Hydrogen	NA	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	FIT	NA
117	716779	ADESH KALE	Male	28	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
118	717697	MOHAMMAD RIYAZ	Male	26	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA
119	717892	RITESH THAKUR	Male	24	Hydrogen	NA	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	FIT	NA
120	717985	SANDEEP AHIRE	Male	26	Hydrogen	NA	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	FIT	NA

डॉ. शिवाजी वि. कचरे  
M.B.B.S.DHA,AFIH (MUM)

कारखाने अधिनियम १९४८ च्या  
कलम १० (२) प्रमाणे, ठाणे जिल्हाकारिता  
दि. १६-०१-२०२३ पासून दि. १५-०१-२०२५ पर्यंत

GODREJ INDUSTRIES LTD.

HEALTH REGISTER

FORM NO. 7 (Prescribed under Rule 18 (7) )

From: { 27-03-2023 To 26-03-2024 }

CERTIFYING SURGEON  
DR. SHIVAJI V. KACHHARE

MBBS, AFIH, (MUMBAI) DHA, PGD, EMS.

White Collar

Sr. No.	Emp. Code	Name of Worker	Sex	Age	Dept of employment of present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	If suspended from work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon
121	718174	PRANAY PATIL	Male	24	Hydrogen	NA	NA			28-03-2023	FIT	NA	FIT	NA	
122	718213	RAHUL NAMDE	Male	23	Hydrogen	NA	NA			29-03-2023	FIT	NA	FIT	NA	
123	718840	ROHIT THOMBARE	Male	24	Hydrogen	NA	NA			28-03-2023	FIT	NA	FIT	NA	
124	341	B M Shelke	Male	57	Instrumentation	NA	NA			28-03-2023	FIT	NA	FIT	NA	
125	706233	Rushikesh Musale	Male	35	Instrumentation	NA	NA			29-03-2023	FIT	NA	FIT	NA	
126	712029	RAJESH SAJEKAR	Male	30	Instrumentation	NA	NA			27-03-2023	FIT	NA	FIT	NA	
127	712048	PRANAY BHOPI	Male	28	Instrumentation	NA	NA			27-03-2023	FIT	NA	FIT	NA	
128	714807	RAHUL SHINDE	Male	30	Instrumentation	NA	NA			29-03-2023	FIT	NA	FIT	NA	
129	716459	NIKHIL JADHAV	Male	29	Instrumentation	NA	NA			28-03-2023	FIT	NA	FIT	NA	
130	425	R S Deshpande	Male	57	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
131	708859	AVINASH KAMBLE	Male	34	Logistics	NA	NA			27-03-2023	FIT	NA	FIT	NA	
132	711931	TUSHAR GUJAR	Male	34	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
133	712064	ASLAM SAROHIYA	Male	30	Logistics	NA	NA			27-03-2023	FIT	NA	FIT	NA	
134	714632	SWAPNIL PATIL	Male	30	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
135	714701	TUSHAR KESARKAR	Male	33	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
136	714707	SWAPNIL SHLEKE	Male	27	Logistics	NA	NA			27-03-2023	FIT	NA	FIT	NA	
137	716796	SAGAR MEHER	Male	28	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
138	717707	YOGESH PARAB	Male	28	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
139	718534	Akshay Mane	Male	28	Logistics	NA	NA			27-03-2023	FIT	NA	FIT	NA	
140	718544	ASHISH PATIL	Male	21	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
141	718952	Rahul Chavan	Male	29	Logistics	NA	NA			27-03-2023	FIT	NA	FIT	NA	
142	718954	Pradip Gade	Male	29	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
143	718956	Sagar Shelar	Male	29	Logistics	NA	NA			29-03-2023	FIT	NA	FIT	NA	
144	438	A S Patil	Male	55	Mechanical	NA	NA			27-03-2023	FIT	NA	FIT	NA	
145	738	S S Rane	Male	52	Mechanical	NA	NA			27-03-2023	FIT	NA	FIT	NA	
146	102117	BHUSHAN KARALE	Male	29	Mechanical	NA	NA			29-03-2023	FIT	NA	FIT	NA	
147	701315	Dinesh Talele	Male	46	Mechanical	NA	NA			27-03-2023	FIT	NA	FIT	NA	
148	717113	DINESH NADAR	Male	26	Mechanical	NA	NA			29-03-2023	FIT	NA	FIT	NA	
149	100558	SHUBHADA WAGH	Female	43	Personnel	NA	NA			29-03-2023	FIT	NA	FIT	NA	
150	711922	AMIT KAMTEKAR	Male	31	Personnel	NA	NA			29-03-2023	FIT	NA	FIT	NA	

डॉ. शिवाजी वि. कचरे  
M.B.S.DHA, AFIH (MUM)

कारखाने अधिनियम १९४८ च्या  
कलम १० (२) प्रमाणे, ठाणे जिल्हाकारिता  
दि १६-०९-२०२३

**GODREJ INDUSTRIES LTD.**

**HEALTH REGISTER**

**CERTIFYING SURGEON**

FORM NO. 7 (Prescribed under Rule 18 (7) )

**DR. SHIVAJI V. KACHARE**

'White Coller

From: { 27-03-2023 To 26-03-2024 }

MBBS. AFIH, (MUMBAI) DHA, PGD. EMS.

Sr. No.	Emp. Code.	Name of Worker	Sex	Age	Dept. of employment of present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	It suspended from work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon
151	715112	ADITI JADHAV	Female	35	Personnel	NA	NA			29-03-2023	FIT	NA	FIT	NA	
152	464	S V Deshpande	Male	56	Pilot Plant	NA	NA			27-03-2023	FIT	NA	FIT	NA	
153	716219	RAJESHKUMAR PANDEY	Male	22	Pilot Plant	NA	NA			28-03-2023	FIT	NA	FIT	NA	
154	102710	SUMIT KUREKAR	Male	24	Production	NA	NA			28-03-2023	FIT	NA	FIT	NA	
155	702839	Sagar Mate	Male	37	Production	NA	NA			29-03-2023	FIT	NA	FIT	NA	
156	718812	PARTHAKUMAR ROHIT	Male	21	Production	NA	NA			28-03-2023	FIT	NA	FIT	NA	
157	712621	SHUBHAM NIRALE	Male	29	QA/QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
158	715404	VIJAY GUPTA	Male	32	QA/QC	NA	NA			29-03-2023	FIT	NA	FIT	NA	
159	718960	Ajay Khairi	Male	23	QA/QC	NA	NA			29-03-2023	FIT	NA	FIT	NA	
161	454	B S Iyer	Male	57	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
162	500	Y N Sharief	Male	57	QC	NA	NA			29-03-2023	FIT	NA	FIT	NA	
163	701245	Dattatraya A Redgaonkar	Male	45	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
164	701572	Santosh J Sutar	Male	46	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
165	708431	RUPESH DHANAWADE	Male	30	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
166	710901	SANDESH GANESH PAGADE	Male	32	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
167	710935	MILIND PHEPADE	Male	30	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
168	711081	NIRANJAN BACHAL	Male	31	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
169	714147	KAMLESH MAHAJAN	Male	29	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
170	714582	ABHIJIT BHOSALE	Male	29	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
171	714817	BHAIDAS RATHOD	Male	33	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
172	714819	MUNIYAN MARIMUTHU	Male	30	QC	NA	NA			29-03-2023	FIT	NA	FIT	NA	
173	715296	RAVINDRA AJAGEKAR	Male	29	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
174	715311	KULDIP JAGTAP	Male	27	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
175	716800	VIKAS UBHEDAL	Male	25	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
176	716849	PRATHAMESH MAWAL	Male	29	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
177	716933	PANDURANG PATIL	Male	31	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
178	717648	MAHESH SHARMA	Male	30	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	
179	717762	PANKAJ KAMBLE	Male	25	QC	NA	NA			28-03-2023	FIT	NA	FIT	NA	
180	717837	ROHAN LAD	Male	28	QC	NA	NA			29-03-2023	FIT	NA	FIT	NA	
181	718455	AKASH JAGDALE	Male	26	QC	NA	NA			27-03-2023	FIT	NA	FIT	NA	

**डॉ. शिवाजी वि. कचरे**  
M.B.B.S.DHA,AFIH (MUM)

कारखाने अधिनियम १९४८ च्या

कलम १० (२) प्रमाणे, ठाणे जिल्हाकारिता  
दि. १६-०१-२०२३ पासून दि. १५-०१-२०२५ पर्यंत  
प्राधिकृत प्रमाणक शाल्य चिकित्सक नं. AOS21, CK/19/889

**GODREJ INDUSTRIES LTD.**

**HEALTH REGISTER**

**CERTIFYING SURGEON**

FORM NO. 7 (Prescribed under Rule 18 (7))

**DR. SHIVAJI V. KACHHARE**

White Collar

From: { 27-03-2023 To 26-03-2024 }

MBBS, AFIH, (MUMBAI) DHA, PGD, EMS.

Sr. No.	Emp. Code.	Name of Worker	Sex	Age	Dept of employment of present work	Date of Leaving or Transfer to Other	Reason For Leaving	Nature of job or Occupation	Raw Material or by Product Handled	Date of Medical Examination	Result of Medical Examination	Examined if suspended from work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness or suspension issued to	Signature with Date of Certifying Surgeon
182	718456	MAHESH PATIL	Male	26	QC	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
183	718581	PRACHIT SHINDE	Male	28	QC	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
184	718635	ALPESH JADHAV	Male	26	QC	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
185	718852	SURAJ GUPTA	Male	22	QC	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
186	719012	Kamesh Shimpi	Male	28	QC	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
187	G103827	Rajesh Patil	Male	36	QC	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
188	475	M D Patel	Male	55	Quality Assurance	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
189	101767	RAKESH BORASE	Male	28	R&D	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
190	101768	MAYANK KARANGUTKAR	Male	24	R&D	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
191	102141	YOGESH PATIL	Male	33	R&D	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
192	103534	Priya Dhasade	Female	28	R&D	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
193	700649	R.P.Prajapati	Male	56	R&D	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
194	712100	KIRAN SAHANE	Male	33	R&D	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
195	712214	ARUN JAWALE	Male	59	R&D	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
196	712650	SACHIN PADWAL	Male	36	R&D	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
197	712663	SATISH WARGHUDE	Male	36	R&D	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
198	713519	MRUNMAYEE GOKHALE	Female	35	R&D	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
199	714584	SUNIL PATIL	Male	32	R&D	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
200	716753	AKASH GAIKWAD	Male	28	R&D	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
201	G103577	Ranjit Atapalkar	Male	32	R&D	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
202	712091	GANESH KURANE	Male	32	R&D	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
203	712892	SHAIENDRA NIKALE	Male	38	RM Stores	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
204	713307	PRAVIN KAMBLE	Male	43	RM Stores	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
205	100117	PARVIN YADAV	Male	29	RM Stores	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
206	713351	ARUN KUMAR SINGH	Male	39	Security	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
207	716683	BASANT NAHAK	Male	41	Security	NA	NA	NA	NA	29-03-2023	FIT	NA	NA	NA	NA
208	716735	AJAY KUMAR	Male	45	Security	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA
209	717852	SAGAR SANE	Male	44	Security	NA	NA	NA	NA	27-03-2023	FIT	NA	NA	NA	NA
			Male	37	Security	NA	NA	NA	NA	28-03-2023	FIT	NA	NA	NA	NA

*Shivaji V. Kachhare*  
**डॉ. शिवाजी वि. कचरे**  
 M.B.S,DHA,AFIH (MUM)  
 कारखाने अधिनियम १९४८ च्या  
 कलम १० (२) प्रमाणे, ठाणे जिल्हाकरिता  
 दि. १६-०१-२०२३ पासून दि. १५-०१-२०२५ पर्यंत

MOEF  
Nagpur



ENL198156233K-1VR:6977119815623  
SF NWHN EAST S.D (90001a)  
Dunder No:1,26/10/2018,14:19  
To:CHIEF CONSERV,MINISTRY OF ENVI  
PIN:440001, Nagpur GPO  
From:ADITYA ENVI,107 HIRSH LIGHT  
Wt:190gms  
Net:47.20(Cash)Tst:7.20  
<Track on [www.indiapost.gov.in](http://www.indiapost.gov.in)>



Godrej Ambernath

Reply to queries during six monthly compliance

**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

**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: 24<sup>th</sup> 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



**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	Compliance to Condition											
Specific condition-i	All the effluent parameters mentioned in G.S.R. 608 (E) dated 21.07.2010 not being monitored.	<p>Currently, we are monitoring effluent characteristics as per existing consent condition vide No. Formate1.0/ BO/CAC-Cell/EIC No. KN-6683-15/11<sup>th</sup> CAC/864, Dated: 20/01/2016, valid upto 28.02.2020.</p> <p>Attached is effluent parameters analysis as per G.S.R. 608( E) dtd 21.07.2010. <b>Annexure XXV</b> is attached. None of heavy metals are the part of our raw material as well as chemicals that we add in process and it is not in result of products. However we will do the couple of analysis of effluent as per parameters mentioned in S.R. 608 (E) dated: 21.07.2010 and confirm the same.</p>											
Specific condition -ii	No details provided regarding boiler automatic modulation control system. Also, height of stack provided not mentioned.	<p>We have provide automatic modulation control system by thermal limited, pune. Technical specification of boiler automatic modulation control system is enclosed herewith as <b>Annexure - II (A) and II (B)</b>.</p> <p>Stack with adequate height has been provided as per MPCB norms.</p> <p>Details of Boiler with stack height provided at site is as given below:</p> <table border="1" data-bbox="823 1361 1402 1668"> <thead> <tr> <th data-bbox="823 1361 948 1429">Sr. No.</th> <th data-bbox="952 1361 1177 1429">Stack attached to</th> <th data-bbox="1182 1361 1402 1429">Stack Height</th> </tr> </thead> <tbody> <tr> <td data-bbox="823 1435 948 1532">1.</td> <td data-bbox="952 1435 1177 1532">HP Boiler (2 Nos.1 as standby)</td> <td data-bbox="1182 1435 1402 1532" rowspan="2">46 mtrs</td> </tr> <tr> <td data-bbox="823 1538 948 1570">2.</td> <td data-bbox="952 1538 1177 1570">MP Boiler</td> </tr> <tr> <td data-bbox="823 1576 948 1668">3.</td> <td data-bbox="952 1576 1177 1668">LP Boiler (2 Nos.1 as standby)</td> <td data-bbox="1182 1576 1402 1668">46 mtrs</td> </tr> </tbody> </table>	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
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											

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 condition -iv	Details of website in which the monitoring data uploaded.	<p>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. Photograph of Notice Board displayed on main gate of industry is enclosed herewith as <b>Annexure - V.</b></p> <p>We will upload monitoring data on <a href="http://www.godrejinds.com">www.godrejinds.com</a> website regular basis.</p>
Specific condition -v	Details of mitigation measures being implemented for fugitive emission control. Fugitive emission monitoring data not provided.	<p>GIL has taken utmost precaution in plant design to ensure low fugitive emissions. Practices followed include :</p> <ul style="list-style-type: none"> <li>- Using Double mechanical seal pumps for hydrogen and low volatile hydrocarbon service</li> <li>- Using single mechanical seal pumps for all other service</li> <li>- Using best preventive and break down maintenance through well trained personnel</li> <li>- All the raw material and intermediates are in liquid forms and charged through the pipeline.</li> <li>- GIL has installed SO<sub>2</sub>, PNG and hydrogen gas detectors at respective areas and tested as decided frequency.</li> </ul> <p>These are best practices for fugitive emissions as practiced in Industry</p>



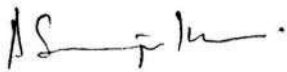
Specific Condition- xvi	Details of waste minimization measures being implemented.	<p>Prescribed measures are followed at the most to minimize the waste as given below:</p> <ol style="list-style-type: none"> <li>a. Metering and control of quantities of active ingredients to minimize waste.</li> <li>b. 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> <li>h. All the materials can be reprocessed to make finish products.</li> </ol>
Specific condition -xix	Details of health checkup.	<p>Occupational health surveillance of the workers is done as per the Factories Act. Details of Occupation Health Centre provided at site &amp; 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></p>
Specific condition - xx	Details of green belt already developed (area, no. of sapling, types of species, survival rate)	<p>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 - XIV</b> &amp; Photographs showing green belt developed around unit are enclosed as <b>Annexure - XV</b>.</p>
General condition-iii	Details monitoring locations w.r.t. upwing and downwind directions.	<p>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</p>

		<p>where maximum ground level concentrations are anticipated.</p> <p>We are enclosing herewith wind rose for additional Ambernath area showing location of monitoring stations taken. <b>Annexure - IV</b> is attached for reference.</p>
General Condition-ix	Details of CSR expenditure during last 3 years.	<p>Company has started following social activities.</p> <p>Volunteering Initiatives - (a) in improving health, sanitation, hygiene and education of the local school children (b) Scholarships distribution to economically challenged students. <b>Annexure - XXII</b> is attached for your reference.</p> <p><b><i>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.</i></b></p>
General Condition-xi	Details of Environmental Management Cell.	<p>Yes, we have established Environmental Management Cell within the factory. In-house Lab has been set up at ETP. Organogram showing Environmental Management Cell as <b>Annexure XVII</b>.</p> <p>GIL is ISO 9001:2015, ISO 14001:2015 and ISO 45001:2015 certified company. Certificates are attached as <b>Annexure XXIV (A) and Annexure XXIV (B)</b>.</p>

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



We are developing lands in the drought prone regions of Maharashtra, Telengana, Karnataka, and Madhya Pradesh. We've developed over 7,000 hectares 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, off-grid 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**



- SCHOOL NAME: ZILLA PARISHAD PRIMARY SC
- 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

Sr. No.	Environmental Protection Measures	O & M Cost	
		Capital	Recurring
1.	Effluent Treatment Pant	Rs. 400 lacs	Rs. 40 lacs / annum
2.	Solid Waste Management	NA	Rs 10.0 lac / annum
3.	Rain Water Harvesting system	Rs 20 lac	Rs 2.0 lac/ annum

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](mailto: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](mailto:ad.padhye@godrejinds.com) ; Fax No. 022-25188063:

**Subject: Organic Chemical Manufacturing Unit (84,500 MTPA) at Plot No. N 73, Additional Ambarnath Industrial Area, Tehsil Ambarnath, District Thane, Maharashtra by M/s Godrej Industries Ltd. – Environmental Clearance reg.**

**Ref. : Your letter no. ADP dated 29<sup>th</sup> July, 2011.**

Sir,

Kindly refer your letter dated 29<sup>th</sup> July, 2011 along with 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 Ambarnath Industrial Area, Tehsil Ambarnath, District Thane, Maharashtra by M/s Godrej Industries Ltd. Total plot area is 70,806 m<sup>2</sup>. 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	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
	<b>Sub Total</b>	<b>60,000</b>
2)	Organic surface active Agents (Surfactants), Detergents	17,000
<b>By-products</b>		
i	Glycerine	7,500
	<b>Total</b>	<b>84,500</b>

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 m<sup>3</sup>/day. Industrial effluent generation will be 460 m<sup>3</sup>/day and treated in effluent treatment plant (ETP) comprising primary, secondary and tertiary treatment facilities. Treated effluent (150 m<sup>3</sup>/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 Eco-sensitive 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, 2011 and 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.
- ii) 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.
- iii) 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/m<sup>3</sup>. 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.
- v) 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.
  2. Reflux condenser shall be provided over reactor.
  3. System of leak detection and repair of pump/pipeline based on preventive maintenance.
  4. 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.
  5. 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 :
  - i. 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.
- ix) Total fresh water requirement from MIDC water supply shall not exceed 990 m<sup>3</sup>/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 m<sup>3</sup>/day. Industrial effluent shall be treated in ETP comprising primary, secondary and tertiary treatment facility. Treated effluent (100 m<sup>3</sup>/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.
- xv) 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 :-
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. 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.
- xxi) 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:**

- i. 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.
- iii. 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.
- 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 Parishad/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.
- xv. The environmental statement for each financial year ending 31<sup>st</sup> 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.
- xvi. 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 :-

1. The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
2. The Chief Conservator of Forests (Central), Regional Office (Northern Zone), Bay No.24-25, Sector 31-A, Dakshim Marg, Chandigarh-160030.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. 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.
5. 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

#### Company Name

M/s. Godrej Industries Ltd.

#### Application UAN number

Not Applicable

#### Address

Plot No. N 73, Additional Ambernath Industrial Area, Tehsil Ambernath, District Thane, Maharashtra, 421501.

#### Plot no

Plot No. N 73

#### Taluka

Ambernath

#### Village

Additional Ambernath Industrial Area

#### Capital Investment (In lakhs)

43151.85

#### Scale

Large Scale Industry (L.S.I.)

#### City

Thane

#### Pincode

421501

#### Person Name

Mr. R. S. Kumar

#### Designation

Associate Vice President (Production)

#### Telephone Number

02512624154

#### Fax Number

0

#### Email

rs.kumar@godrejinds.com

#### Region

SRO-Kalyan II

#### Industry Category

Red

#### Industry Type

R22 Organic Chemicals manufacturing

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN  
No.0000112073/CO/2204000719

#### Consent Issue Date

2022-04-12

#### Consent Valid Upto

2025-05-28

#### Establishment Year

2012

#### Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Monocarboxylic Fatty Acid, Fractionated Fatty Acid, Distilled Fatty Acid & Specialty Fatty Acid, Oleic Acid, Stearic Acid

#### Consent Quantity

59500

#### Actual Quantity

53511.49

#### UOM

MT/A

Organic Surface-active agent (Surfactants), detergents

17000

16609.616

MT/A

Glycerin

10800

7543.95

MT/A

Fatty Easters and Condensates

500

165.64

MT/A

### By-product Information

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	0	0	MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	774.00	283.75
<b>Domestic</b>	62.00	22.75
<b>All others</b>	20.00	7.25
<b>Total</b>	991.50	363.42

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Daily quantity of trade effluent 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 effluent	0.00	276.26	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Fractionated Fatty Acid	2.178	0.0022	
Organic Surface Active Agent (Surfactant), Detergents	0.817	0.0215	
Glycerin	0.436	0.0079	
Fatty Esters and Condensates	0	0.3598	

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
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 olefin	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

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
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

**Part-C****Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)****[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
pH	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)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Boiler 15928 (LP) - PM	17.92	52.28	65.15	150 mg/Nm3	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

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
35.3 Chemical sludge from waste water treatment	68.946	48	MT/A

## Part-E



## **SOLID WASTES**

### **1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Not Applicable	0.00	0.00	MT/A

### **3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
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**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
--------------------------------------	---------------------------	------------	-------------------------------------

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)
--	--	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

Item Description	Quantity
Sheet	417 Nos.
Wear of Anti Skid	3353 Pair.
Strip	3909 Kg.
Printer	200 Nos.
Thermal Bonded Polyester Blocks	1300 Nos.
Corrosive Bituminous Black	52987 Ltr.
Painting Beam	35 Nos.
or bonie Bolster Suspension	16116 Nos.
on Arrangement	2100 Nos.
Fillings	84 Set.
dy Mix Red Oxide	210620 Ltr.
Fillings	57 Set.
uffer Spring Sets	2737 Set.
lock	6600 Nos.
opper Arrangement	800 Set.
al Unit	3889 Nos.
Manifold Thermal Insulation Loco	22 Set.
	9 Nos.
ox Assembly	36 Set.
peed Sensors Assly	482 Km.
Signaling Cable	19 Nos.
Single Phase generating set	521 Nos.
i Grooved Axle Pulley	40 Set.
s Alternator 25 KW	665 Nos.
ed Emergency Lighting Unit	

Opening : S. Nos. 01 & 02 on 16-10-2012, S. No. 03 on 18-10-2012, S. No. 06 on 19-10-2012, S. Nos. 07 to 12 on 26-10-2012, S. Nos. 17 & 18 on 30-10-2012, 2, 6, No. 24 on 02-11-2012.  
 Controller of Stores, Secunderabad.  
 2012. (e-Procurement Tender Notice).  
**TRACK MACHINES SPARES.**  
 open floated through e-Procurement. Tenderers are [www.treps.gov.in](http://www.treps.gov.in) and submit their offers. It may be

**GODREJ INDUSTRIES LTD.**  
 Regd. Office:  
 Pirojshanagar, Eastern  
 Express 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 Ambemath Industrial Area, Tehsil Ambemath, 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.  
 Sd/-  
**Authorised Signatory**  
 Date: 21-09-2012

Agreement by way of Deed dated 14.09.2012 between Mr. Bhagwandas S Pannani of one Part & Mrs. Tulsi Bai Kundandas Chhabria of other Part in respect of Block No.12-A-5 - admeasuring 585 square feet area in The New Sion Co-operative 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, trust, mortgage, sale, gift, lien, lease, charge, 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**



Lord Ganesha on the occasion of Chaturti. Creative Eye Limited, in the past has made serials on the life and time of Lord Ganesha namely - 'Shree Ganesha' (2003-2004) for Sony and Ganesh Leela in 2010 for Sahara One and is

**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, on 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. Tushar 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.

४

**नवशक्ति** www.navshakti.co.in मुंबई, शनिवार, २२ सप्टेंबर २०१२

### जाहीर सूचना

मुम्बईला सदर लक्षात आणून देण्यात येते की, श्री. इरुचाशॉ रुस्तम इराणी (विकासक) आणि श्री. बाबुराव बांदिवडेकर दरम्यान निष्पादित २४/१०/१९७७ रोजीचा मूळ करार आणि फ्लॉट क्र. २०, ३रा मजला, वेस्टर्न प्रभादेवी को-ऑप. हाऊसिंग सोसायटी, वीर सावरकर मार्गाजवळ, प्रभादेवी, मुंबई-४०००२५ संदर्भातील सी. भाग्यश्री बांदिवडेकर आणि मेसर्स रिचीरिच इन्व्हेचर्स लि. दरम्यान 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. Tribeni Sharadprasad Dubey and Mr. Tribeni Prasad R. Dubey dated 30<sup>th</sup> July 1996, in respect of Gala, bearing in Gala No 04, Ground Floor, in SHYAM SHRADA, situated S.N.

### जाहीर नोटीस

तमाम लोकांस कळविण्यात येते की, गाव भौजे खोचिवडे, ता. वसई, जिल्हा ठाणे येथील स.नं. ४५, हि.नं. १ पै. एकूण क्षेत्र हे अर. ०-४०-१ ह्यामधील फ्लॉट नं. ७, क्षेत्र २.१६ गुटे म्हणजेच २१६ चौ. मीटर असा जमिनीचा तुकडा जमीन मालक नफिसुद्दीन रफीउद्दीन सिद्दीकी ह्यांनी लेखी कायम विकत देण्याचे आमचे अशिलास कन्वल् व मान्य केले आहे. तरी सदर प्लॉट जमीन मिळकतीवर कोणाही इसमाचा विक्री, गहाण, दान, कब्जा, कुळाराग अगर चरसा अगर इतर प्रकारे हक्क असल्यास सदरचा हक्क लेखी पुराव्यासह खालील पत्त्यावर सदरची नोटीस प्रसिध्द झाल्याचे तारखेपासून १४ दिवसांचे आत कळवावे, अन्यथा तशा प्रकारचा कोणाचाही हक्क नाही व तो असल्यास कायमचा सोडून दिलेला आहे असे गृहीत धरून आमचे अशील सदर जमीन मिळकतीचा विक्री व्यवहार पूर्ण करतील ह्याची नोंद घ्यावी.

शिबनेर - झेंडाबाजार  
वसई, ता. वसई, जि. ठाणे

### जाहीर नोटीस

या नोटीसेद्वारे सर्व जनतेस कळविण्यात येते की, गाव मोजे परळी, तालुका वाडा, जिल्हा ठाणे येथील जमीन मिळकत जिचा गट नं. ८, हिस्सा नं. १/२, क्षेत्र २०,००० चौ.मी. असून सदर मिळकत माझ्या अशिलांनी श्री. अशोक काशिनाथ पाटील यांच्याकडून विकत घेण्याचे ठरविले आहे. तरी सदरहू मिळकतीसंदर्भात कोणत्याही व्यक्तीचा कुठल्याही प्रकारचा हक्क, अधिकार किंवा हितसंबंध असल्यास सदरहू नोटीस प्रसिध्द झाल्यापासून १४ दिवसांचे आत सर्व लेखी पुराव्यानिशी खालील पत्त्यावर कळवावे, अन्यथा तसा कोणाचाही कोणताही हक्क, अधिकार किंवा हितसंबंध नाही असे समजून व्यवहार पूर्ण केला जाईल.

अॅड. राजेश ध. पाटील  
५४१, मोर्बा गाव,  
भाईदर (प.),  
ठाणे-४०११०१.

### जाहीर नोटीस

या नोटीसेद्वारे सर्व जनतेस कळविण्यात येते की, गाव भौजे परळी, तालुका मोखांड, जिल्हा ठाणे येथील जमीन मिळकत जिचा सध. नं. १००, हिस्सा नं. पैकी, क्षेत्र ३६०० चौ.मी. असून सदर मिळकत माझ्या अशिलांनी श्री. मधुकर नामदेव साठे यांच्याकडून विकत घेण्याचे ठरविले आहे. तरी सदरहू मिळकतीसंदर्भात कोणत्याही व्यक्तीचा कुठल्याही प्रकारचा हक्क, अधिकार किंवा हितसंबंध असल्यास सदरहू नोटीस प्रसिध्द झाल्यापासून १४ दिवसांचे आत सर्व लेखी पुराव्यानिशी खालील पत्त्यावर कळवावे, अन्यथा तसा कोणाचाही कोणताही हक्क, अधिकार किंवा हितसंबंध नाही असे समजून व्यवहार पूर्ण केला जाईल.

अॅड. राजेश ध. पाटील  
५४१, मोर्बा गाव,  
भाईदर (प.),  
ठाणे-४०११०१.

### पब्लिक नोटीस

गोदरेज इंडस्ट्रिज लिमिटेडच्या संपादक ऑर्गेनिज्म केमिकल मॅन्युफॅक्चरिंग प्लान्टला जी प्लॉट नं. एन ७३ अॅडिशनल अंबरनाथ इंडस्ट्रियल एरिया, तहसील अंबरनाथ जिल्हा ठाणे महाराष्ट्र येथे आहे, सदर कंपनीला भारत सरकारच्या पर्यावरण आणि वन्य विभागाने पर्यावरणीय मंजूरी दिलेली आहे.

पर्यावरणीय मंजूरी पत्राच्या प्रती महाराष्ट्र प्रदूषण नियंत्रण बोर्ड यांजकडे आणि मिनिस्ट्री <http://envfor.nic.in> या वेबसाईटवर उपलब्ध आहेत. गोदरेज इंडस्ट्रिज 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 Co-operative 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<sup>st</sup> floor, May Fair Bldg.  
Edujji Road, Charal, Thane (W)  
Place: Thane Date: 21/9/2012

### महावितरण

### निविदा सूचना

पात्र असणाऱ्या निविदाकारांची निविदा खालील कामासाठी मागविण्यात येत आहे.

१८ १७४ ७ ००४३ १९ १६२ ८ ००३१

### जाहीर नोटीस