

Letter No. Letter . APL - VI / Envi. 66 / 2025

Date: 20/11/2025

To,
Sub Regional office Tarapur -I
MIDC Office compound, Tarapur,
Boisar (W) Tal & Dist. Palghar
401504

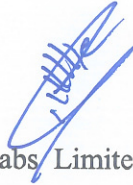
Sub: Regarding the Half-Yearly EC Condition compliance report for the period of April - 2025 to Sept -2025.

Ref: Environmental clearance granted vides Clearance No. SEIAA -EC - 0000000258 dated 26.04.2018.

Respected Sir,

In reference to the above mentioned subject, we are enclosing herewith the EC condition compliance Report for the period of April - 2025 to Sept -2025 in respect to the above mentioned reference of Environment clearance for proposed expansion of industrial project at plot No. D 18 MIDC, Tarapur, Dist- Palghar. SEAC-I considered the project under screening category 5(f)-B of EIA Notification 2006.

Yours faithfully



For, Aarti Pharmalabs Limited



Authorized Signatory
(Aarti Pharmalabs Ltd. formerly known as Aarti Industries Ltd.)

Encl.

1. EC conditions compliance Report.
2. Copy of Environment Clearance
3. Copy of Consent to Operate

CC to:

1. Regional office (WCZ) Ministry of Environment, Forest and Climate Change, Nagpur-440001
2. The Member Secretary, Maharashtra Pollution Control Board , Sion, Mumbai .
3. Regional officer, Maharashtra Pollution Control Board, Thane. .


20/11/2025
SUB-REGIONAL OFFICE
MAHARASHTRA POLLUTION CONTROL BOARD
TARAPUR, MIDC. COLONY, BOISAR,
TALUKA & DIST. PALGHAR, PIN 401 504.

AARTI PHARMALABS LIMITED

www.aartipharmalabs.com | CIN : U24100GJ2019PLC110964 | Email : info@aartipharmalabs.com

Factory : Unit-VI, Plot No. D-18, M.I.D.C., Tarapur, Taluka & District - Palghar, PIN 401 506, Maharashtra, INDIA. T : +91 77988 82264 / +91 70309 64131
Admin Office : 204, Udyog Kshetra, 2nd Floor, Mulund - Goregaon Link Road, Mulund (W), Mumbai, PIN - 400 080, Maharashtra, INDIA, T : +91 22 67976666 | F : +91 22 25653234
Regd. Office : Plot No. 22-C/1 & 22-C/2, 1st Phase, G.I.D.C., Vapi 396 195, District - Valsad, Gujarat, INDIA T : +91 260 2400467, +91 99099 94655

**M/s. Aarti Pharmalabs Ltd. (Unit - VI),
Plot no.D 18 MIDC Tarapur.**

Compliance Report of Environmental Clearance File No.SEIAA-EC-0000000258

Report for period of April 2025 To Sept 2025

| Sr. No. | Specific Conditions: | |
|---------|---|---|
| I | The PP shall submit a detailed DMP with budget | Complied |
| Sr. No. | General Conditions: | Remark |
| I | PP shall ensure that there is no increase in the effluent load to CETP. | The unit had become the Zero liquid discharge unit since 2017. The average daily generation of industrial effluent for the monitoring, water recycles, Being a ZLD unit, no effluent is sent to CETP for disconnection of drainage connection issued by MIDC. |
| II | The 73 TPH boiler should have a stack height of 68 m and flue gasses shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack. | Typing error instead of 6 TPH it was typed as 73, & Stack height should be 34 Meter |
| III | No additional land shall be used/ acquired for any activity of the project without obtaining proper permission. | Followed it. |
| IV | PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment. | Required PEE like helmet, hand gloves, masks, ear plug, goggles, safety shoes, safety suits are provided to all workers and employees. |
| V | Proper Housekeeping programmes shall be implemented. | Industry is maintained with good housekeeping and a system for segregation of Biodegradable and Non biodegradable in separate bins and safe Disposal. |

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| VI | In the event of the failure of any pollution control system adopted by the unit, the unit shall immediately stop the operation and shall not restart the unit until the desired efficiency has been achieved. | Industry has provided an arrangement of Alarm systems to the scrubbers to identify the failure of scrubber blower and pump in order. |
| VII | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutants from DG set . | The unit has DG and is used as stand-by systems. The emission from DG is dispersed through the stack as per CPCB standards. Acoustic enclosures have been provided for the existing DG sets to mitigate the noise pollution. Stacks height provided are as follows. DG Set - 09 meters And online connected with MPCB and CPCB. |
| VIII | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water . | Industry has installed 10 kl tanks for the rain water harvesting facility and water used in the cooling tower. |
| IX | Arrangement shall be made that effluent and storm water does not get mixed. | Industry has provided arrangement of separate storm pits and pumps. |
| X | Periodic monitoring of the ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board . | Industry checked ground water and analyzed last groundwater check on 19/10/2020 |
| XI | Noise level shall be maintained as per standards. For people working in the high noise area requisite personal protective equipment like earplugs etc. shall be provided. | Required PEE, like ear plugs, are provided to all workers and employees. |

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| XII | The overall noise level in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods,silencer,enclosure,etc.on the sources of noise generation.The Ambient noise shall conform to the standards prescribed under Environment (Protection) Act 1986 Rule 1989 . | The unit has been adequate as per MPCB Standard Noise level check regularly quarterly basis from MoEF Lab & in house. Ear plugs are provided to workers and Acoustic enclosures have been provided for DG set. |
| XIII | Green belt shall be developed and maintained around plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultants with the local DFO/Agriculture Department . | Industry has planted the trees e.g. Ashoka tree, gulmohar tree, palm tree , parizatak tree etc. |
| XIV | Adequate safety measures shall be provided to limit the risk zone within plant boundary incase of any accident . Leak detection devices shall also be installed at strategic places for early detection and warning . | Industries have identified risk zones and installed sensors at Ammonia, MMA Tank, Hydrocarbon and provided alarm systems. |
| XV | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act. | Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. The last medical checkup was done on 11 th February 2025. |
| XVI | The company shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling. | The unit has provided a fire hydrant system within premises with water storage capacity of 400 m3. |

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| XVII | The project authorities must comply with the rules and regulation with regards to handling and disposal of hazardous waste in accordance with the hazardous waste (Management and Handling Rule, 2003 (Amended). Authorization from the MPCB shall be obtained for collection/treatment /storage/disposal of Hazardous wastes. | The unit has obtained the permission from the MPCB No:- Format1.0/CC/UAN No.MPCB-CONSENT-0000221977/CR/2502000709 Issued on 09.02.2025 valid till 31.12.2027.for collection, storage and disposal of hazardous waste. The solid waste, Incinerable waste is disposed of to CHD-TSDF Taloja and is disposed of by co-processing. Our CHW TSDF membership No.MWML-HzR-TAR-3502. |
| XVIII | Regular mock drills for the on site emergency management plan shall be carried out . Implementation of changes/ improvement required , if any in on site management plan shall be ensured. | <ul style="list-style-type: none"> Industries have conducted regular basis mock drills, Last Mock drills done on 30th August 2025. |
| XIX | A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards. | Environment Cell / Committee will meet every quarter and will assess / suggest the Improvement on the environment as well as legal conditions of environment and will review the implementation. |
| XX | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department | Industries have installed Online stack monitoring instruments The criteria pollutant levels displayed near the main gate of the company are in the public domain. |

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| XXI | <p>The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at https://ec.maharashtra.gov.</p> | <p>Environmental clearance and copies of clearance letters are available with the Maharashtra Pollution Control Board and may also be seen at the Website at https://ec.maharashtra.gov.</p> |
| XXII | <p>Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.</p> | <p>Half yearly compliance reports Submitted regular basis, last report submit on 14/05/2025</p> |
| XXIII | <p>A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.</p> | <p>Noted & Agreed.</p> |

| | | |
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| XXIV | <p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p> | <p>Environmental Monitoring is carried out quarterly in a MoEF approved laboratory. The criteria pollutant levels displayed near the main gate of the company are in the public domain.</p> |
| XXV | <p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p> | <p>Half yearly compliance reports Submitted regular basis, last report submit on 14/05/2025</p> |
| XXVI | <p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by email.</p> | <p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by Pollution Control Board as prescribed under the Environment last environment statement submitted on 15/09/2025</p> |

Shri. Santosh N. Mule

Industry Representative

(Aarti Pharmalabs Ltd. formerly known as Aarti Industries Ltd.)




M/s. Aarti Pharamlabs Limited. (Unit - VI), Plot no.D 18 MIDC Tarapur
EC Compliance Report period of April 2025 - September 2025
Environmental Clearance File No.SEIAA-EC-0000000258

| Sr. No. | EC General condition Details | | Compliance Status | | | | | | | | Remarks |
|--------------------------|--|----------------------------|---|----------|-----------|-----------|-------------|----------------|---|--|-------------------|
| 1 | Name of the Project | | Propossed Expansion of Synthetic organic chemicals manufacturing unit | | | | | | | | Noted and Agreed. |
| | Type of institution | | Private | | | | | | | | |
| | Name of Project Proponent | | M/s. Aarti Pharmalabs Limited (Unit - VI) | | | | | | | | |
| | Name of Consultant | | Aditya Enviromental Services pvt.ltd | | | | | | | | |
| | New project Expansion in existing project / Modernazation /Diversification in existing project | | Expansion in the existing project () | | | | | | | | |
| | Location details of the project: | | Plot No. D - 18 „ MIDC Tarapur | | | | | | | | |
| | Taluka: | | Palghar | | | | | | | | |
| | Village: | | Boisar | | | | | | | | |
| | Are of the project: | | Tarapur MIDC | | | | | | | | |
| | IOD/IOA/Concession /Plan Approval Number | | MIDC plot Approval Approved Built Up Area : 8323 | | | | | | | | |
| | LOI/NOC/TOD from MHADA/Other approvals | | MIDC plot plan Approval | | | | | | | | |
| Total plot area (sq.m.) | | 20,000 sq.m | | | | | | | | | |
| 2 | Production Details | | Actual Production Quantity in M.T. | | | | | | | | |
| 1 | Sulphuric Acid/Oleum25%/Oleum65%/Liquid SO3 (Sulphuric anhydride) | Consent Limit 6000 MT/M | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 | September 2025 | Complied : Production Quantities are within the EC limit | | |
| 2 | Dimethyl Sulphate (DMS) | 2500 MT/M | 0 | 1149 | 3710 | 5419 | 5319 | 5241 | | | |
| 3 | Diethyl Sulphate (DES) | 700 MT/M | 121 | 213 | 439 | 1251 | 1128 | 1324 | | | |
| 4 | Dimethyl Urea (DMU) | 600 MT/M | 176 | 260 | 267 | 435 | 364 | 299 | | | |
| 5 | Monomethyl Urea(MMU) | 100 MT/M | 0 | 0 | 0 | 284 | 273 | 301 | | | |
| 6 | Sodium Vanyl Sulphonate (SVS) | 300 MT/M | 46 | 52 | 49 | 0 | 0 | 0 | | | |
| 7 | Cyano Acetic Acid (CAA) | 250 MT/M | 0 | 0 | 0 | 56 | 48 | 24 | | | |
| 8 | Cyano Acetyl Methyl Urea (CAMU) | 50 MT/M | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 9 | Nitrosourasil | 300 MT/M | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 10 | Di Methyl Aniline | 518 MT/M | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 11 | Captive Power Plant | 500 MT/M | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Total Water Requirement: | | 38502 m3/month | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 | September 2025 | | | |
| | | | 3000 | 5260 | 10460 | 13572 | 12730 | 12800 | | | |

[illegible]

| | | | | | | | | | | | |
|------------------|----------------------------------|---|------------------|--------|------------|--------|---------------------------|--|--------|---|--|
| 7 | Effluent Characteristics | Sodium Sulphate (28.1) | 110 MT/M | 23.000 | 25.000 | 25.000 | 29.000 | 18.000 | 11.000 | Consent-0000221977/CR/2502000709 Issued on 09.02.2025 valid till 31.12.2027 for collection, storage and sale to authorized party pre-processing. (As By Product) | |
| | | Sodium Chloride (28.1) | 457 MT/M | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | |
| | | Acetic Acid 95% (28.1) | 138 MT/M | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | |
| | | Acetic Acid 35% (28.1) | 64 MT/M | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | |
| | | Parameters | Consent Limit | Unit | April 2025 | | July 2025 | | | | |
| | | pH | 5.5-9.0 | --- | 7.88 | | 7.54 | | | Complied . As per compliance of ZLD flow meters and camera available and online monitored with MPCB and CPCB. Effluent quality monitoring is done quarterly by MoEF approved laboratory (HORIZON services Analytical Laboratory)." The unit had become the Zero liquid discharge unit since 2017. Being a ZLD unit, no effluent is sent to CETP for disconnection of drainage connection issued by MIDC. | |
| | | Total Suspended Solids | <_100 | mg/l | 42 | | 48 | | | | |
| | | Total Dissolves Solids | <_2100 | mg/l | 1086 | | 1056 | | | | |
| | | COD | <_250 | mg/l | 135 | | 140 | | | | |
| | | BOD | <_100 | mg/l | 37.5 | | 38.9 | | | | |
| Chlorides | <_600 | mg/l | 328 | | 132 | | | Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Last medical checkup has be done on 11th February 2025. | | | |
| Sulphates as SO4 | <_1000 | mg/l | 240 | | 90 | | | | | | |
| Oil & Grease | <_10 | mg/l | BDL | | BDL | | | | | | |
| 8 | Occupational health surveillance | Occupational health surveillance of the workers is carried out on half yearly basis and records are maintained as per the factory act. Last medical checkup has been done in Following check up has been carried in periodical medical checkup. - General checkup (height, weight, pulse, BP etc) -Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test, etc. | | | | | | | | | |
| | | Details of health surveillance of the workers is given below: | | | | | | | | | |
| | | Date of surveillance | | | | | Total number of employees | | | | |
| | | 11/02/2025 | | | | | 347 Nos | | | | |
| | | | | | | | | | | | |

| Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory. Details are given below: | | | | | | |
|---|---------------------------------|-----------|-----------------|---------------|------------|-----------|
| Sr. No. | Stack Details | Parameter | Stack height(m) | MPCB Standard | April 2025 | July 2025 |
| 1 | DG Set 500 KVA | SO2 | 4 | 50 mg/Nm3 | 30.77 | 37.84 |
| | | TPM | | 150 mg/Nm3 | 34.96 | 34.15 |
| | | NOx | | 50 mg/Nm3 | 19.81 | 13.52 |
| 2 | Scrubber Process Reactor ACID | TPM | 45 | 150 mg/Nm3 | 21.65 | 15.59 |
| | | SO2 | | 50 mg/Nm3 | 17.95 | 19.62 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | Acid mist | | 90 mg/Nm3 | 8.96 | 9.14 |
| | | | | 150 mg/Nm3 | 38.67 | 32.62 |
| 3 | Boiler (6 Ton /hr.) | SO2 | 34 | 600 mg/Nm3 | 21.95 | 23.38 |
| | | NOx | | 50 mg/Nm3 | 7.72 | 4.28 |
| | | TPM | | 150 mg/Nm3 | 43.95 | 40.52 |
| 4 | Stack Thermo Pac (4 Lac KcalHr) | SO2 | 22 | 50 mg/Nm3 | 28.46 | 25.69 |
| | | NOx | | 50 mg/Nm3 | 26.4 | 24.86 |
| | | TPM | | 150 mg/Nm3 | 33.9 | 36.12 |
| 5 | Stack DMS plant (SO2 Scrubber) | SO2 | 9 | 50 mg/Nm3 | 25.19 | 20.71 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | TPM | | 150 mg/Nm3 | 24.4 | 29.07 |
| 6 | Stack DES plant (so2 Scrubber) | SO2 | 9 | 50 mg/Nm3 | 35.27 | 33.98 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | TPM | | 150 mg/Nm3 | 15.76 | 20.39 |
| 7 | Stack DMU Plant (NH3 Scrubber) | SO2 | 12 | 50 mg/Nm3 | 24.84 | 27.25 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | TPM | | 150 mg/Nm3 | 35.95 | 33.98 |
| 8 | Ammonium Sulphate | SO2 | 12 | 50 mg/Nm3 | 8.19 | 9.95 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | TPM | | 150 mg/Nm3 | 24.4 | 29.07 |
| 9 | Sodium Vinyl Sulphonate | SO2 | 9 | 50 mg/Nm3 | 35.27 | 33.98 |
| | | NOx | | 50 mg/Nm3 | BDL | BDL |
| | | TPM | | 150 mg/Nm3 | 40.52 | 25.69 |

9

Stack Emission Details.

Complied .

Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.

| | | | | | | |
|--|--|--|--|--|--|--|
| Ambient Air quality monitoring is carried out at one location each situated in upwind and downwind direction quarterly by MoEF approved laboratory. Analysis report for Ambient Air is attached as Annexure | | | | | | |
|--|--|--|--|--|--|--|

| | | | | | | | | | | | |
|---|---|---------|---------|-----------|--|----------------|-----------------------|-----------------------|--------|-------|-------|
| 10 | Work Zone Ambient Air Quality Monitoring. | Sr. No. | Station | Parameter | MPCB Standard $\mu\text{gm}/\text{Nm}^3$ | April 2025 | July 2025 | | | | |
| | | | | | | Near Main Gate | | PM 10 | 100 | 60.75 | 58.15 |
| | | | | | | | | PM 2.5 | 60 | 27.38 | 33.02 |
| | | | | | | | | SO2 | 80 | 15.85 | 18.32 |
| | | | | | | | | NOx | 80 | 31.15 | 29.87 |
| | | | | | | | | PM 10 | 100 | 57.48 | 54.62 |
| | | | | | | | | PM 2.5 | 60 | 25.95 | 28.9 |
| | | | | | | | | SO2 | 80 | 21.07 | 24.83 |
| | | | | | | | | NOx | 80 | 28.74 | 32.44 |
| | | | | | | | | Near D.G.Set | PM 10 | 100 | 50.38 |
| PM 2.5 | 60 | 22.97 | 26.63 | | | | | | | | |
| SO2 | 80 | 18.68 | 22.34 | | | | | | | | |
| | | NOx | 80 | 26.73 | 29.03 | | | | | | |
| Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB. | | | | | | | | | | | |
| 11 | Work Zone Ambient Air Quality Monitoring. | Sr. No. | Plant | Parameter | Prescribe Limit | April 2025 | Results of VOC in PPM | | | | |
| | | | | | | In Acid Plant | | Results of VOC in PPM | 88.13 | | |
| | | | | | | | | SPM | N.S. | 86.9 | 27.65 |
| | | | | | | | | SO2 | <_5000 | 23.09 | 23.91 |
| | | | | | | | | NOx | <_6000 | 18.78 | 60.47 |
| | | | | | | | | SPM | N.S. | 62.96 | 25.84 |
| | | | | | | | | SO2 | <_5000 | 21.75 | 16.29 |
| | | | | | | | | NOx | <_6000 | 13.98 | BDL |
| | | | | | | | | DMS | ---- | BDL | 7.37 |
| | | | | | | | | Methanol | <_200 | 8.76 | 53.49 |
| In DMS Plant | SPM | N.S. | 51.58 | 20.6 | | | | | | | |
| | SO2 | <_5000 | 18.05 | 29.31 | | | | | | | |
| | NOx | <_6000 | 26.44 | BDL | | | | | | | |
| In DES Plant | Ethanol | <_1000 | BDL | 46.59 | | | | | | | |
| | SPM | N.S. | 48.2 | | | | | | | | |
| | Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB. | | | | | | | | | | |

| | | | | | | | |
|--|--|--|---|---------------|---------------------|------------|---------------------|
| | | 4 | In DMU Plant | SO2 | <_5000 | 16.57 | 18.92 |
| | | | | NOx | <_6000 | BDL | BDL |
| | | | | Ammonia | <_25 | 8.42 | 6.95 |
| | | Inbuilt Acoustic enclosure,and insulation are provided on all source of noise generation to keep overall noise level within the stipulated standards like DG set. Noise levels monitoring is done every quarterly by MoEF approved laboratory Noise Monitoring reports are given | | | | | |
| | | | Area | Minimum value | MPCB Standard Limit | Mean value | MPCB Standard Limit |
| | | | Day Time dB(A) | | | | |
| | | Sr.No. | | April 2025 | | July 2025 | |
| | | 1 | Near Main Gate | 65.5 | 75 | 68.6 | 75 |
| | | 2 | Near ETP Area | 67.9 | 75 | 72.8 | 75 |
| | | 3 | Near Boiler House | 70.2 | 75 | 66.4 | 75 |
| | | 4 | Production Hall | 66.8 | 75 | 70.1 | 75 |
| | | 5 | Near D.G. Set | 68.5 | 75 | 69.6 | 75 |
| | | | Night Time dB(A) | | | | |
| | | 1 | Near Main Gate | 54.7 | 70 | 59.1 | 70 |
| | | 2 | Near ETP Area | 58.4 | 70 | 57.3 | 70 |
| | | 3 | Near Boiler House | 57.6 | 70 | 62.6 | 70 |
| | | 4 | Production Hall | 55.2 | 70 | 56.7 | 70 |
| | | 5 | Near D.G. Set | 53.9 | 70 | 60 | 70 |
| | | Limit KG/M | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 |
| | | 864000 | 355437 | 384660 | 211714 | 288124 | 233896 |
| | | 15120 | 0 | 557 | 7647 | 4168 | 4791 |
| | | 15120 | 0.23 | 0.125 | 0.18 | 0.15 | 0.11 |
| | | | | | | | 0.24 |
| | | | Power requirement | | | | |
| | | | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 |
| | | | 366300 | 524610 | 846860 | 999060 | 758460 |
| | | | 0 | 0 | 0 | 0 | 184500 |
| | | | 0 | 0 | 0 | 0 | 179300 |
| | | | Dust collector ,bag filter and Process scrubber | | | | |
| | | | Dust collector ,bag filter, scrubber | | | | |

| | | | | | | | | | | | | |
|----|-------------------------------------|---|---|------------|-----------|-----------|-------------|----------------|--|--|--|--|
| 12 | Noise Monitoring | The unit has been adequate as per MPCB Standard Noise level check regularly quarterly basis from MoEF Lab & in house . Ear plugs are provided to workers and Acoustic enclosures have been provided for DG set. | | | | | | | | | | |
| 13 | Fuel Consumption :- | Type of fuel | Limit KG/M | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 | September 2025 | Complied . As per Consumption register book it is under limit | | |
| | | Coal | 864000 | 355437 | 384660 | 211714 | 288124 | 233896 | 225614 | | | |
| | | Furnace Oil | 15120 | 0 | 557 | 7647 | 4168 | 4791 | 8976 | | | |
| | | Deisel (HSD) | 15120 | 0.23 | 0.125 | 0.18 | 0.15 | 0.11 | 0.24 | | | |
| 14 | Energy :- Source of Power supply | Power requirement | | | | | | | | | | |
| | | MSEDCL | April 2025 | May 2025 | June 2025 | July 2025 | August 2025 | September 2025 | Complied . As per Power Consumption Unit or MSEB Bill | | | |
| | | Turbine Set power back up 500KVA | 366300 | 524610 | 846860 | 999060 | 758460 | 767940 | | | | |
| | | Air pollution from boiler TFH | 0 | 0 | 0 | 0 | 184500 | 179300 | Complied. | | | |
| | | | Dust collector ,bag filter and Process scrubber | | | | | | | | | |
| | | | Dust collector ,bag filter, scrubber | | | | | | | | | |

| | | | | |
|----|--|---|--|---|
| 15 | Details of pollution control system:- Source | Water pollution from process and utilities | ETP Plant, RO unit and MVR unit | The unit had become the Zero liquid discharge unit since 2017. The average daily generation of industrial effluent for the monitoring, water recycle, Being a ZLD unit, Unit has installed ETP Plant, RO unit and MVR unit. |
| | | Noise pollution | Enclosure / PPE | Complied. Acoustic enclosures have been provided for the DG sets to mitigate the noise pollution and ear plug provided to workers. |
| 16 | Storage of Chemicals (Inflammable/explosive/hazardous/toxic substance) | Solid Waste | Disposed to CHWTSDF / Recycle (MWML) & Authorized Co-processor | Complied. Hazardous waste Disposed to CHWTSDF / Recycle, Hazardous waste Membership Available. Membership No. MWML - HzW-TAR- 3502 |
| | | Hazardous chemicals shall be stored in tanks, farms, drums, carboys etc. Flame arresters shall be provided on tank farms. Solvent transfer shall be by pumps. | All Hazardous chemicals have been stored in the tanks with breather valves and flame arresters and materials transferred through sealed pumps. | Complied. |



Shri. Santosh N. Mule
Industry Representative
(Aarti Pharamlabs Ltd. formerly known as Aarti Industries Ltd.)





STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: April 26, 2018

To,
Aarti Industries Limited - (SPACK Division)
at Plot No. D-18 MIDC Tarapur, Palghar

Subject: Environment Clearance for Proposed Expansion of Synthetic organic chemicals manufacturing unit by Aarti Industries Limited - (SPACK Division) at Plot No. D-18 MIDC Tarapur, Palghar

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 126th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f)- B as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

| | |
|--|--|
| 1.Name of Project | Proposed Expansion of Synthetic organic chemicals manufacturing unit by Aarti Industries Limited - (SPACK Division) at Plot No. D-18 MIDC Tarapur, Palghar |
| 2.Type of institution | Private |
| 3.Name of Project Proponent | Aarti Industries Limited - (SPACK Division) |
| 4.Name of Consultant | Aditya Environmental Services pvt. Ltd. |
| 5.Type of project | Not applicable |
| 6.New project/expansion in existing project/modernization/diversification in existing project | Expansion of existing facility |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | Not Applicable |
| 8.Location of the project | Plot No. D-18 MIDC Tarapur, Palghar |
| 9.Taluka | Palghar |
| 10.Village | Boisar |
| 11.Area of the project | Tarapur MIDC |
| 12.IOD/IOA/Concession/Plan Approval Number | MIDC approval IOD/IOA/Concession/Plan Approval Number: MIDC plot plan approval Approved Built-up Area: 8323 |
| 13.Note on the initiated work (If applicable) | Not Applicable |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable) | MIDC plot plan approval |
| 15.Total Plot Area (sq. m.) | 20,000 sq. m. |
| 16.Deductions | Not applicable |
| 17.Net Plot area | Not applicable |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI) | FSI area (sq. m.): Not applicable Non FSI area (sq. m.): Not applicable Total BUA area (sq. m.): Not applicable |
| 18 (b).Approved Built up area as per DCR | Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: |
| 19.Total ground coverage (m2) | Not applicable |

SEIAA Meeting No: 126 Meeting Date: April 19, 2018 (SEIAA-STATEMENT-0000000252)
SEIAA-MINUTES-0000000371
SEIAA-EC-0000000258

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| | |
|---|----------------|
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | Not applicable |
| 21.Estimated cost of the project | 300000000 |



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Shri Satish.M.Gavai (Member
Secretary SEIAA)

22. Production Details

| Serial Number | Product | Existing (MT/M) | Proposed (MT/M) | Total (MT/M) |
|---------------|--|-----------------|-----------------|--------------|
| 1 | Sulphuric acid/ Oleum 25%/ Oleum 65%/ Liquid SO ₃ (Sulphuric anhydride) | 4050 | 1950 | 6000 |
| 2 | Dimethyl sulphate (DMS) | 500 | 1500 | 2000 |
| 3 | Diethyl sulphate (DES) | 300 | 900 | 1200 |
| 4 | Dimethyl Urea (DMU) | 140 | 460 | 600 |
| 5 | Monomethyl urea (MMU) | 0 | 100 | 100 |
| 6 | Sodium vinyl sulphonate | 0 | 300 | 300 |
| 7 | Cyano acetic Acid (CAA) | 0 | 500 | 500 |
| 8 | Cyano Acetyl Methyl Urea (CAMU) | 0 | 300 | 300 |
| 9 | Nitrosouracil/ Uracil | 0 | 300 | 300 |
| 10 | Dimethyl Aniline | 18 | 0 | 18 |
| 11 | Captive Power | 500 KW | -- | 500 KW |
| 12 | Spent acid (from DMS) [BY-product] | 30 | 15 | 45 |
| 13 | Spent acid (from DES) [BY-product] | 300 | 1760 | 2060 |
| 14 | 20% Liquor Ammonia [BY-product] | 300 | 1005 | 1305 |
| 15 | Ammonium sulphate [BY-product] | 0 | 2550 | 2550 |
| 16 | Sodium sulphate [BY-product] | 0 | 110 | 110 |
| 17 | 95% Acetic Acid [BY-product] | 0 | 318 | 318 |
| 18 | 35% Acetic Acid [BY-product] | 0 | 111 | 111 |

23. Total Water Requirement

| | | |
|-------------|---|----------|
| Dry season: | Source of water | MIDC |
| | Fresh water (CMD): | 771 cmd |
| | Recycled water - Flushing (CMD): | -- |
| | Recycled water - Gardening (CMD): | -- |
| | Swimming pool make up (Cum): | -- |
| | Total Water Requirement (CMD) : | 1281 cmd |
| | Fire fighting - Underground water tank (CMD): | -- |
| | Fire fighting - Overhead water tank (CMD): | -- |
| | Excess treated water | -- |

| | | |
|-----------------------------------|--|----|
| Wet season: | Source of water | -- |
| | Fresh water (CMD): | -- |
| | Recycled water - Flushing (CMD): | -- |
| | Recycled water - Gardening (CMD): | -- |
| | Swimming pool make up (Cum): | -- |
| | Total Water Requirement (CMD) : | -- |
| | Fire fighting - Underground water tank(CMD): | -- |
| | Fire fighting - Overhead water tank(CMD): | -- |
| | Excess treated water | -- |
| Details of Swimming pool (If any) | Not applicable | |

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Shri Satish.M.Gavai (Member Secretary SEIAA)

24.Details of Total water consumed

| Particulars | Consumption (CMD) | | | Loss (CMD) | | | Effluent (CMD) | | |
|----------------------------|-------------------|----------|-------|------------|----------|-------|----------------|----------|-------|
| Water Requirement | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total |
| Domestic | 7 | 2 | 9 | 2 | 0 | 2 | 5 | 2 | 7 |
| Industrial Process | 24 | 76 | 100 | 24 | 2 | 26 | 0 | 74 | 74 |
| Cooling tower & thermopack | 407 | 757 | 1164 | 260 | 472 | 735 | 144 | 285 | 429 |
| Gardening | 3 | 5 | 8 | 3 | 5 | 8 | 0 | 0 | 0 |

| | | |
|---------------------------------------|---|------------------------------|
| 25.Rain Water Harvesting (RWH) | Level of the Ground water table: | Details given in EIA report. |
| | Size and no of RWH tank(s) and Quantity: | Details given in EIA report. |
| | Location of the RWH tank(s): | Eastern side of plot |
| | Quantity of recharge pits: | Details given in EIA report. |
| | Size of recharge pits : | Details given in EIA report. |
| | Budgetary allocation (Capital cost) : | 10 Lakh |
| | Budgetary allocation (O & M cost) : | 2 Lakhs per Annum |
| | Details of UGT tanks if any : | Not applicable |

| | | |
|--------------------------------|--|----|
| 26.Storm water drainage | Natural water drainage pattern: | -- |
| | Quantity of storm water: | -- |
| | Size of SWD: | -- |

| | | |
|----------------------------------|---|--|
| 27.Sewage and Waste water | Sewage generation in KLD: | 7 cmd |
| | STP technology: | Not Applicable. Sewage water will be treated in combined Effluent treatment plant. |
| | Capacity of STP (CMD): | Not Applicable. |
| | Location & area of the STP: | Not Applicable. |
| | Budgetary allocation (Capital cost): | Not Applicable. |
| | Budgetary allocation (O & M cost): | Not Applicable. |

28.Solid waste Management

| | | |
|---|--|---|
| Waste generation in the Pre Construction and Construction phase: | Waste generation: | Minor quantity of debris will be generate during construction phase. |
| | Disposal of the construction waste debris: | Construction debris will be disposed off safely as per norms. |
| Waste generation in the operation Phase: | Dry waste: | Fly Ash: 1.5 TPM (Existing) & 270 TPM (proposed addition) |
| | Wet waste: | -- |
| | Hazardous waste: | Residue/ sludge and filter cake, Spent catalyst, Spent carbon, ETP sludge, Discarded centrifuge bags/Filter cloth, Salts from MEE |
| | Biomedical waste (If applicable): | Not Applicable |
| | STP Sludge (Dry sludge): | Not Applicable |
| | Others if any: | Not Applicable |
| Mode of Disposal of waste: | Dry waste: | Fly ash will be sell to brick manufacturer. |
| | Wet waste: | -- |
| | Hazardous waste: | Hazardous waste will be safely disposed off as per Hazardous waste rule, 2016. |
| | Biomedical waste (If applicable): | Not Applicable |
| | STP Sludge (Dry sludge): | Not Applicable |
| | Others if any: | Not Applicable |
| Area requirement: | Location(s): | On East side of plot |
| | Area for the storage of waste & other material: | Details given in EIA report |
| | Area for machinery: | -- |
| Budgetary allocation (Capital cost and O&M cost): | Capital cost: | 5 Lakh |
| | O & M cost: | 100 Lakhs per Annum |

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29.Effluent Charecterestics

| Serial Number | Parameters | Unit | Inlet Effluent Charecterestics | Outlet Effluent Charecterestics | Effluent discharge standards (MPCB) |
|---------------------------------------|--------------------------|---|--------------------------------|---------------------------------|-------------------------------------|
| 1 | pH | -- | 6-9 | 6.5-9 | 6.5-9 |
| 2 | Chemical Oxygen Demand | mg/L | 2500-3000 | <250 | 250 |
| 3 | Biological Oxygen Demand | mg/L | 1000-1500 | <100 | 100 |
| 4 | Total Dissolved solids | mg/L | 1100-1200 | <2100 | 2100 |
| 5 | Total Suspended solids | mg/L | 150-200 | <100 | 100 |
| 6 | Oil & Grease | mg/L | <10 | <10 | 10 |
| 7 | Chlorides | mg/L | 250-300 | <600 | 600 |
| 8 | Sulphates | mg/L | 250-300 | <1000 | 1000 |
| Amount of effluent generation (CMD): | | 510 cmd effluent | | | |
| Capacity of the ETP: | | 13 cmd to ETP plant, 115 cmd to RO unit, 44 cmd to MEE unit | | | |
| Amount of treated effluent recycled : | | 510 cmd | | | |
| Amount of water send to the CETP: | | 5 cmd | | | |
| Membership of CETP (if require): | | Yes | | | |
| Note on ETP technology to be used | | Oil & Grease trap > Equalization tank > Pre-treatment tank > Pri. clarifier > Aeration tank > Sec. clarifier > Sand filter > Activated carbon filter > Treated water tank | | | |
| Disposal of the ETP sludge | | ETP sludge will be disposed off in CHWTSDF. | | | |

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| 30.Hazardous Waste Details | | | | | | | |
|--|--|-------------------------|-----------|------------------------------|-----------------------|------------------------|--------------------|
| Serial Number | Description | Cat | UOM | Existing | Proposed | Total | Method of Disposal |
| 1 | Residue/ sludge and filter cake | 17.1 | TPA | 5 | 1 | 6 | Sell to CHWTSDF |
| 2 | Spent catalyst | 17.2 | TPA | 250 | 5 | 255 | sell to CHWTSDF |
| 3 | Spent carbon | 28.3 | TPA | 0 | 500 | 500 | sell to CHWTSDF |
| 4 | ETP sludge | 35.3 | TPA | 50 | 50 | 100 | sell to CHWTSDF |
| 5 | Discarded centrifuge bags/Filter cloth | 33.1 | TPA | 0 | 6 | 6 | sell to CHWTSDF |
| 6 | Salts from MEE | 35.3 | TPA | 0 | 330 | 330 | Reuse or Recycle. |
| 31.Stacks emission Details | | | | | | | |
| Serial Number | Section & units | Fuel Used with Quantity | Stack No. | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases | |
| 1 | 6 TPH Boiler | Coal: 1200 kg/hr | 1 | 34 | 0.8 | 152 | |
| 2 | 4 Lac kcal/Hr | Furnace oil: 21 kg/hr | 2 | 22 | 0.4 | 145 | |
| 3 | H2SO4 plant stack | -- | 3 | 45 | 0.85 | 50 | |
| 4 | Sulphonation reactor | -- | 4 | 9 | 0.15 | 43 | |
| 5 | DES reactor | -- | 5 | 9 | 0.15 | 34 | |
| 6 | Sodium Vinyl Sulphonate plant stack | -- | 6 | 9 | 0.15 | 35 | |
| 7 | DMU/ MMU plant stack | -- | 7 | 12 | 0.15 | 30 | |
| 8 | Ammonium sulphate | -- | 8 | 12 | 0.15 | 30 | |
| 9 | 500 KVA DG set (existing) | HSD: 10 KL per annum | 9 | 4 | 0.25 | -- | |
| 10 | 1500 KVA DG set (proposed) | HSD: 20 KL per annum | 10 | as per norms | as per norm | -- | |
| 32.Details of Fuel to be used | | | | | | | |
| Serial Number | Type of Fuel | Existing | | Proposed | | Total | |
| 1 | Coal | 300 TPM | | 600 TPM | | 900 TPM | |
| 2 | Furnace oil | 20 TPM | | 15 TPM | | 35 TPM | |
| 3 | HSD | 10 KL per annum | | 20 KL per annum | | 30 KL per annum | |
| Source of Fuel | | From nearby vendor | | | | | |
| Mode of Transportation of fuel to site | | By road | | | | | |
| 33.Energy | | | | | | | |

| | | |
|---------------------------|--|---|
| Power requirement: | Source of power supply : | from MSSEDCL |
| | During Construction Phase: (Demand Load) | During construction phase power requirement will be fulfill from existing facility. |
| | DG set as Power back-up during construction phase | 500 KVA |
| | During Operation phase (Connected load): | 2500 KW |
| | During Operation phase (Demand load): | 2500 KW |
| | Transformer: | Not applicable |
| | DG set as Power back-up during operation phase: | DG set 1500 KVA |
| | Fuel used: | HSD |
| | Details of high tension line passing through the plot if any: | Not applicable |

34. Energy saving by non-conventional method:

--

36. Detail calculations & % of saving:

| Serial Number | Energy Conservation Measures | Saving % |
|---------------|------------------------------|----------|
| 1 | -- | -- |

37. Details of pollution control Systems

| Source | Existing pollution control system | Proposed to be installed |
|---|--------------------------------------|-------------------------------|
| Air pollution from Boiler, TFH | Dust collector/ bag filter, Scrubber | Dust collector/ bag filter |
| Water pollution from Process, Utilities | ETP plant | RO unit, MEE unit |
| Noise pollution | Enclosure/ PPE | Enclosure/ PPE |
| Solid waste | Disposed to CHWTSDF/ Recycler | Disposed to CHWTSDF/ Recycler |

Budgetary allocation (Capital cost and O&M cost):

Capital cost: --
O & M cost: --

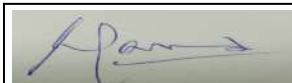
38. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

| Serial Number | Attributes | Parameter | Total Cost per annum (Rs. In Lacs) |
|---------------|------------|-----------|------------------------------------|
| 1 | -- | -- | -- |

b) Operation Phase (with Break-up):

| Serial Number | Component | Description | Capital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) |
|---------------|-------------------------|--------------------------|--------------------------|---|
| 1 | Air pollution control | Dust collector, Scrubber | 35 | 3 |
| 2 | Water Pollution control | RO unit, MEE unit | 500 | 50 |
| 3 | Noise Pollution control | Enclosure, PPE | 3 | 1 |



Shri Satish M. Gavai (Member Secretary SEIAA)

| | | | | |
|---|--|--------------------------------------|----|-----|
| 4 | Environment Monitoring/management | Monitoring, Online monitoring system | 10 | 7 |
| 5 | Occupational Health & Safety | PPE, Safety system | 1 | 6 |
| 6 | Green Belt Development | Green belt | 1 | 3 |
| 7 | Hazardous waste & Solid waste management | Storage, secure Disposal, Recycle | 5 | 100 |
| 8 | Rain water harvesting | RWH system | 10 | 2 |

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

| Description | Status | Location | Storage Capacity in MT | Maximum Quantity of Storage at any point of time in MT | Consumption / Month in MT | Source of Supply | Means of transportation |
|-------------------|--------------------|-----------------------------|------------------------|--|-----------------------------|-----------------------------|-----------------------------|
| Methanol | Existing | details given in EIA report | 75 KL | 75 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Ethanol | Existing | details given in EIA report | 75 KL | 75 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| MMA -1 | Existing | details given in EIA report | 9.9 KL | 9.9 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| MMA -2 | Existing | details given in EIA report | 9.9 KL | 9.9 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| MMA -3 | Existing | details given in EIA report | 9.9 KL | 9.9 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| SO-3 | 2 Nos. of Existing | details given in EIA report | 18 MT each | 18 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| DMS-1 | Existing | details given in EIA report | 75 KL | 75 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| DMS-2 | Existing | details given in EIA report | 58 KL | 58 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| DES-1 | Existing | details given in EIA report | 100 KL | 100 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| DES- 2 (ISO tank) | Existing | details given in EIA report | 20 KL | 20 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| DES-3 (ISO tank) | Existing | details given in EIA report | 17.5 KL | 17.5 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| DES-4 (ISO tankl) | Existing | details given in EIA report | 17.5 KL | 17.5 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Sulphuric acid | Existing | details given in EIA report | 500 MT | 500 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| Sulphuric acid | Existing | details given in EIA report | 250 MT | 250 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| Sulphuric acid | 2 Nos. of Existing | details given in EIA report | 300 MT each | 300 MT each | details given in EIA report | details given in EIA report | details given in EIA report |
| Oleum (25%) | Existing | details given in EIA report | 100 MT | 100 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| Oleum (65%) | Existing | details given in EIA report | 100 MT | 100 MT | details given in EIA report | details given in EIA report | details given in EIA report |



| | | | | | | | |
|---------------------------------|----------|-----------------------------|-----------|--------|-----------------------------|-----------------------------|-----------------------------|
| Liquor Ammonia (20%)-1 | Existing | details given in EIA report | 20 KL | 20 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Liquor Ammonia (20%)-2 | Existing | details given in EIA report | 15 KL | 15 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Caustic Lye | Existing | details given in EIA report | 15 KL | 15 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Ammonia | Existing | details given in EIA report | cylinders | -- | details given in EIA report | details given in EIA report | details given in EIA report |
| Dimethyl sulphate | Proposed | details given in EIA report | 130 KL | 130 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| SVS 25% solution | Proposed | details given in EIA report | 20 KL | 20 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Acetone | Proposed | details given in EIA report | 16 KL | 16 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Ethanol | Proposed | details given in EIA report | 75 KL | 75 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Methanol | Proposed | details given in EIA report | 75 KL | 75 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Acetic anhydride | Proposed | details given in EIA report | 100 MT | 100 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| Caustic lye | Proposed | details given in EIA report | 40 MT | 40 MT | details given in EIA report | details given in EIA report | details given in EIA report |
| Acetic Acid 95% | Proposed | details given in EIA report | 100 KL | 100 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| Acetic Acid 35% | Proposed | details given in EIA report | 50 KL | 50 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| 30 % HCL | Proposed | details given in EIA report | 20 KL | 20 KL | details given in EIA report | details given in EIA report | details given in EIA report |
| 40.Any Other Information | | | | | | | |
| No Information Available | | | | | | | |

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| | | |
|--|--|----------------|
| | CRZ/ RRZ clearance obtain, if any: | Not applicable |
| | Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries | Not applicable |
| | Category as per schedule of EIA Notification sheet | 5(f)- B |
| | Court cases pending if any | Not applicable |
| | Other Relevant Informations | Not applicable |
| | Have you previously submitted Application online on MOEF Website. | Yes |
| | Date of online submission | 05-10-2016 |

3. The proposal has been considered by SEIAA in its 126th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

| | |
|----------|--|
| I | The PP shall submit a detailed DMP with budget |
|----------|--|

General Conditions:

| | |
|--------------|---|
| I | (i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP. |
| II | 73 TPH boiler should have stack height of 68m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack. |
| III | No additional land shall be used /acquired for any activity of the project without obtaining proper permission. |
| IV | PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment. |
| V | Proper Housekeeping programmers shall be implemented. |
| VI | In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve. |
| VII | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable). |
| VIII | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water. |
| IX | Arrangement shall be made that effluent and storm water does not get mixed. |
| X | Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board. |
| XI | Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided. |
| XII | The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989. |
| XIII | Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept. |
| XIV | Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning. |
| XV | Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. |
| XVI | (The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. |
| XVII | The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes. |
| XVIII | Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured. |

| | |
|--------------|---|
| XIX | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. |
| XX | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department |
| XXI | The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in |
| XXII | Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year. |
| XXIII | A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent. |
| XXIV | The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. |
| XXV | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC 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 SPCB. |
| XXVI | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail. |

Government of Maharashtra



4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

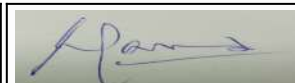


Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE, CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR

**Government of
Maharashtra**





Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

• Mobile : 7249867318, 8378018710 • Tel. : 020 - 25460202 • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

| | | |
|--|-------------------------------|-----------------|
| CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT NO | HS/LAB/WA/00274 |
| | REPORT DATE | 19/04/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0103 |
| | SAMPLING DATE | 11/04/2025 |
| | SAMPLE RECEIPT DATE | 12/04/2025 |
| | START DATE OF ANALYSIS | 12/04/2025 |
| | END DATE OF ANALYSIS | 19/04/2025 |

| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
|------------------------|--|---------|----------|
| Industrial Waste Water | M/s. Shree Chakrapani Environmental Consultant. | Treated | ETP |

RESULTS OF ANALYSIS

| SR. NO | PARAMETERS | UNIT | RESULT | LIMITS | STANDARD METHODS |
|--------|---------------------------------|--------|---------|-----------|---|
| 01 | pH | --- | 7.88 | 6.0-8.5 | APHA 24 th Ed 2023, 4500-H ⁺ B |
| 02 | Total Suspended Solids | mg/lit | 42.00 | ≤ 100.00 | APHA 24 th Ed 2023, 2540-D |
| 03 | Total Dissolved Solids | mg/lit | 1086.00 | ≤ 2100.00 | APHA 24 th Ed 2023, 2540 C |
| 04 | Chemical Oxygen Demand | mg/lit | 135.00 | ≤ 250.00 | APHA 24 th Ed 2023, 5220- C |
| 05 | BOD 3 days at 27°C | mg/lit | 37.50 | ≤ 100.00 | IS 3025 (P 44) RA 2023 |
| 06 | Chloride as Cl ⁻ | mg/lit | 328.00 | ≤ 600.00 | APHA 24 th Ed 2023, 4500 Cl B |
| 07 | Sulphates as SO ₄ -- | mg/lit | 240.00 | ≤ 1000.00 | APHA 24 th Ed 2023, 4500 SO ₄ E |
| 08 | Oil & Grease | mg/lit | NIL | ≤ 10.00 | APHA 24 th Ed 2023, 5520 B |
| 09 | Nitrate as NH ₃ | mg/lit | 0.40 | < 50.00 | APHA 24 th Ed 2023, 4500 NO ₃ B |
| 10 | Phosphate | mg/lit | NIL | ≤ 5.00 | APHA 24 th Ed 2023, 4500- P D |

REMARK: All above results are within the limits.



For HORIZON SERVICES

M. N. A. G. O. R. A.
(LAB INCHARGE)



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"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

| | | |
|--|-------------------------------|-----------------|
| CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT NO | HS/LAB/WA/00275 |
| | REPORT DATE | 19/04/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0103 |
| | SAMPLING DATE | 11/04/2025 |
| | SAMPLE RECEIPT DATE | 12/04/2025 |
| | START DATE OF ANALYSIS | 12/04/2025 |
| | END DATE OF ANALYSIS | 19/04/2025 |

| | | | |
|--------------------------|--|---------------|-----------------|
| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
| Domestic Waste Water | M/s. Shree Chakrapani Environmental Consultant. | Treated | STP |

RESULTS OF ANALYSIS

| SR. NO. | PARAMETERS | UNIT | RESULT | LIMITS | TEST METHODS |
|---------|---|--------|--------|------------|---|
| 01 | pH | --- | 6.86 | 6.6 to 8.5 | APHA 24 th Ed 2023, 4500-H+B |
| 02 | Total Suspended Solids | mg/lit | 37.00 | ≤ 100.00 | APHA 24 th Ed 2023, 2540-D |
| 03 | Biochemical Oxygen Demand for 3 days at 27°C | mg/lit | 26.00 | ≤ 30.00 | IS 3025 (P 44) RA 2023 |

REMARK: All above results are within the Limits.



For HORIZON SERVICES

men algolka

(LAB INCHARGE)



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ANALYSIS REPORT

Page 1 of 3

HS/LAB/NABL/F/7.8.2.1

| | | |
|---|-------------------------------|-----------------|
| CLIENT'S NAME & ADDRESS | REPORT NO | HS/LAB/WA/00276 |
| M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT DATE | 19/04/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0103 |
| | SAMPLING DATE | 11/04/2025 |
| | SAMPLE RECEIPT DATE | 12/04/2025 |
| | START DATE OF ANALYSIS | 12/04/2025 |
| | END DATE OF ANALYSIS | 19/04/2025 |

| | | | |
|--------------------------|--|---------------|-----------------|
| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
| Drinking Water | M/s. Shree Chakrapani Environmental Consultant. | --- | --- |

RESULTS OF ANALYSIS

| SR. NO. | PARAMETERS | UNIT | RESULT | LIMITS IS10500: 2012 (RA 2018) | TEST METHOD REFERENCE |
|---------|--|--------|-----------|---|---|
| 1 | Colour | Pt/Co | 0.10 | < 5.00 | APHA 24 th Ed 2023, 2120 C |
| 2 | Odour | --- | Agreeable | Agreeable | IS 3025(P-5):1983 RA 2022 |
| 3 | Taste | --- | Agreeable | Agreeable | APHA 24 th Ed 2023, 2160 B |
| 4 | Turbidity | NTU | 0.30 | < 1.00 | APHA 24 th Ed 2023, 2130 B |
| 5 | pH | --- | 6.90 | 6.5 – 8.5 | APHA 24 th Ed 2023, 4500-H ⁺ B |
| 6 | Total Hardness as CaCO ₃ | mg/lit | 30.00 | < 200.0 | APHA 24 th Ed 2023, 2340 C |
| 7 | Iron as Fe | mg/lit | 0.07 | < 0.30 | APHA 24 th Ed 2023, 3500 Fe B |
| 8 | Chlorides as Cl ⁻ | mg/lit | 12.00 | < 250.0 | APHA 24 th Ed 2023, 4500 Cl ⁻ B |
| 9 | Total Dissolved Solids | mg/lit | 88.00 | < 500.0 | APHA 24 th Ed 2023, 2540 C |
| 10 | Residual Chlorine as Cl | mg/lit | 0.24 | > 0.20 | APHA 24 th Ed 2023, 4500 Cl ⁻ B |
| 11 | Calcium as Ca | mg/lit | 6.00 | < 75.0 | APHA 24 th Ed 2023, 3500 Ca B |
| 12 | Magnesium as Mg | mg/lit | 4.00 | < 30.0 | APHA 24 th Ed 2023, 3500 Mg B |
| 13 | Copper as Cu | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 3111 B |
| 14 | Manganese as Mn | mg/lit | NIL | < 0.10 | APHA 24 th Ed 2023, 3111 B |
| 15 | Sulphates as SO ₄ | mg/lit | 8.00 | < 200.0 | APHA 24 th Ed 2023, 4500 SO ₄ E |
| 16 | Nitrate as NO ₃ | mg/lit | NIL | < 45.0 | APHA 24 th Ed 2023, 4500 NO ₃ B |
| 17 | Fluoride as F ⁻ | mg/lit | NIL | < 1.0 | APHA 24 th Ed 2023, 4500-F ⁻ D |
| 18 | Phenolic Compounds as C ₆ H ₅ OH | mg/lit | NIL | < 0.001 | APHA 24 th Ed 2023, 5530 D |



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| | | | | | |
|-----|--|------------|--------|----------|---|
| 19 | Mercury as Hg | mg/lit | NIL | < 0.001 | APHA 24 th Ed 2023, 3112 B |
| 20 | Cadmium as Cd | mg/lit | NIL | < 0.003 | APHA 24 th Ed 2023, 3111 B |
| 21 | Selenium as Se | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3114 B |
| 22 | Arsenic as As | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3114 B |
| 23 | Cyanide as CN | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 4500- Cn E |
| 24 | Lead as Pb | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3111 B |
| 25 | Zinc as Zn | mg/lit | NIL | < 5.0 | APHA 24 th Ed 2023, 3111 B |
| 26 | Anionic detergents (as MBAS) | mg/lit | NIL | < 0.2 | APHA 24 th Ed 2023, 5540 C |
| 27 | Alkalinity as CaCO ₃ | mg/lit | 36.00 | < 200.0 | IS 3025 (P-23):2003 |
| 28 | Aluminium as Al | mg/lit | NIL | < 0.03 | APHA 24 th Ed 2023, 3500 Al B |
| 29 | Pesticides | mg/lit | NIL | ABSENT | APHA 24 th Ed 2023, 6630 D |
| 30 | Polynuclear Aromatic Hydrocarbons as PAH | mg/lit | NIL | < 0.0001 | APHA 24 th Ed 2023, 6440 C |
| 31 | Boron as B | mg/lit | NIL | < 0.5 | APHA 24 th Ed 2023, 4500 B B |
| 32 | Mineral Oil | mg/lit | NIL | ABSENT | IS 3025 (P-39), 1991 |
| 33 | Chromium as Cr+6 | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 3500 Cr B |
| 34 | Total Chromium as Cr | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 3111 B |
| 35 | Chloramines as Cl ₂ | mg/lit | 0.24 | < 4.0 | IS - 3025 (Part 26)*-196 R-03 |
| 36 | Nickel as Ni | mg/lit | NIL | < 0.02 | APHA 24 th Ed 2023, 3111 B |
| 37 | Molybdenum as Mo | mg/lit | NIL | < 0.07 | APHA 24 th Ed 2023, 3500 Mo |
| 38 | Barium as Ba | mg/lit | NIL | < 0.7 | APHA 24 th Ed 2023, 3500 Ba B |
| 39 | Silver as Ag | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 3500 Ag B |
| 40 | Polychlorinated biphenyls as PCB | mg/lit | NIL | < 0.0005 | APHA 24 th Ed 2023, 6431 C |
| 41 | Trihalomethanes | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 6232 D |
| 42 | Pesticides | mg/lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 6630 D |
| 43 | Total Ammonia as N | mg/lit | NIL | < 0.5 | IS 3025 (P-34):2009 |
| 44 | Cryptosporidium | Org/10 lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 9711 B |
| 44A | Giardia | Org/10 lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 9711 B |
| 45 | Total Coliform | MPN/100ml | NIL | ABSENT | APHA 24 th Ed 2023, 9221 B |
| 45A | Fecal Coliform | Org/100ml | ABSENT | ABSENT | APHA 24 th Ed 2023, 9221 G |
| 47 | Trihalomethanes | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47A | Bromoform | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47B | Dibromochloromethane | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47C | Bromodichloromethane | mg/lit | ABSENT | < 0.06 | APHA 24 th Ed 2023, 6232 C |
| 47D | Chloroform | mg/lit | ABSENT | < 0.20 | APHA 24 th Ed 2023, 6232 C |
| 48 | Pesticides | | | | |
| a | Alachlor | µg/lit | ABSENT | < 20.0 | USEPA Method 525.2, 507 |
| b | Atrazine | µg/lit | ABSENT | < 2.0 | USEPA Method 525.2, 8141 A |
| c | Aldrin/Dieldrin | µg/lit | ABSENT | < 0.03 | USEPA Method 508 |
| d | Alpha HCH | µg/lit | ABSENT | < 0.01 | USEPA Method 508 |



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Page 3 of 3

| | | | | | |
|---|--------------------------------|--------|--------|----------|----------------------------|
| e | Beta HCH | µg/lit | ABSENT | < 0.04 | USEPA Method 508 |
| f | Butachlor | µg/lit | ABSENT | < 125.0 | USEPA Method 525.2, 8141 A |
| g | Chlorpyrihos | µg/lit | ABSENT | < 30.0 | USEPA Method 525.2, 8141 A |
| h | Delta HCH | µg/lit | ABSENT | < 0.04 | USEPA Method 508 |
| i | 2,4 Dichlorophenoxyacetic Acid | µg/lit | ABSENT | < 30.0 | USEPA Method 515.1 |
| j | DDT | µg/lit | ABSENT | < 1.00 | USEPA Method 508 |
| k | Endosulfan | µg/lit | ABSENT | < 0.40 | USEPA Method 508 |
| l | Ethion | µg/lit | ABSENT | < 3.0 | USEPA Method 1657 A |
| m | Gamma HCH | µg/lit | ABSENT | < 2.0 | USEPA Method 508 |
| n | Isoproturon | µg/lit | ABSENT | < 9.0 | USEPA Method 532 |
| o | Malathion | µg/lit | ABSENT | < 190.00 | USEPA Method 8141 A |
| p | Methyl Parathion | µg/lit | ABSENT | < 0.30 | USEPA Method 8141 A |
| q | Monocrotophos | µg/lit | ABSENT | < 1.0 | USEPA Method 8141 A |
| r | Phorate | µg/lit | ABSENT | < 2.0 | USEPA Method 8141 A |

REMARKS:

- As per IS 10500:2012(RA 2018), above water sample is chemically and bacteriologically potable with respect to above parameters.
- BDL: Below Detectable Limit.



For HORIZON SERVICES

M. N. G. G. G.
(LAB INCHARGE)



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/1 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|----------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11&12/04/2025 | | |
| 02 | TEST LOCATION | | Near Main Gate | | |
| 03 | TIME OF SAMPLING | Hrs | 10:00 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 34/27 | | |
| 05 | RELATIVE HUMIDITY | % RH | 60 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 60.75 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 27.38 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 15.85 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 31.15 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.095 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

man nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/2 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|---------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11&12/04/2025 | | |
| 02 | TEST LOCATION | | Near D.G. Set | | |
| 03 | TIME OF SAMPLING | Hrs | 10:20 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 34/27 | | |
| 05 | RELATIVE HUMIDITY | % RH | 60 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 50.38 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 22.97 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 18.68 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 26.73 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.080 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

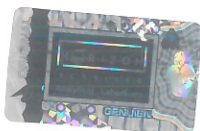
| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/3 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|---------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11&12/04/2025 | | |
| 02 | TEST LOCATION | | Near MMA Yard | | |
| 03 | TIME OF SAMPLING | Hrs | 10:50 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 34/27 | | |
| 05 | RELATIVE HUMIDITY | % RH | 60 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 57.48 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 25.95 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 21.07 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 28.74 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.088 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES
manisha nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

• Mobile : 7249867318, 8378018710 • Tel. : 020 - 25460202 • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

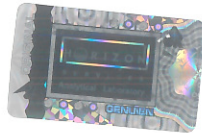
| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/4 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|---------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | In Acid Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 11:20 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 86.90 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 23.09 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 18.78 | ≤ 6000 | HS/LAB/NABL/WZ/11 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/5 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | In DMS Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 11:40 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 62.96 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 21.75 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 13.98 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Dimethyl Sulphate (DMS) | ppm | BDL (<0.05) | $\leq 0.1^*$ | NIOSH METHOD NO. 2524 |
| 11 | Methanol | ppm | 8.76 | ≤ 200 | NIOSH METHOD NO. 2000 |
| 12 | Dimethyl Ether (DME) | ppm | BDL (<33) | N.S. | NIOSH METHOD NO. 1610 |

REMARK/OBSERVATIONS:

- > N.S. -Not Specified.
- > Results are within limit as per prescribed standards.
- > BDL: - Below Detectable Limits.
- > * Limits are given as per OSHA'S Standard.



For HORIZON SERVICES
manishargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/6 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|--------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | In DES Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 12:10 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 51.58 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 18.05 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 26.44 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ethanol | ppm | BDL (<16) | ≤ 1000 | NIOSH METHOD NO. 1400 |
| 11 | Ammonia | ppm | 3.71 | ≤ 25 | HS/LAB/NABL/WZ/15 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

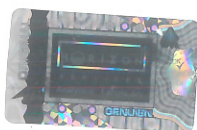
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|---------------------|---|
| Report No. | : HS/REP/25-26/0128/7 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | In DMU Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 12:40 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 48.20 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 16.57 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | BDL (<5) | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ammonia | ppm | 8.42 | ≤ 25 | HS/LAB/NABL/WZ/15 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.
- BDL: - Below Detectable limits.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/8 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|---------------------------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | Acid Plant At a time Sulphur Charging | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:10 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 42.19 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 11.08 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 15.79 | ≤ 6000 | HS/LAB/NABL/WZ/11 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/9 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|----------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | Sulphur Storage Yard | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:30 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 69.75 | N.S. | HS/LAB/NABL/WZ/10 |

REMARK/OBSERVATIONS:

➤ N.S. -Not Specified.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/10 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|-------------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 11/04/2025 | | |
| 02 | Test Location | | Ammonium Sulphate Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:50 | | |
| 04 | Temperature (Max./Min) | Deg C | 32/24.5 | | |
| 05 | Relative Humidity | % RH | 50 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 53.67 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 46.30 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 24.95 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ammonia | ppm | 8.70 | ≤ 25 | HS/LAB/NABL/WZ/15 |
| 11 | Monomethyl Amine | ppm | BDL (<0.1) | $\leq 10^*$ | OSHA's Method No. 40 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.
- BDL: - Below Detectable limits.
- * Limits are given as per OSHA'S Standard.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/11 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|---------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 01 Boiler (6 Tons/hr.) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 14:10 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | Coal | | |
| 06 | STACK HEIGHT | Mtr | 34 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 465 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 6.2 | | |
| 10 | VELOCITY | M/Sec | 10.41 | | |
| 11 | DIAMETER OF STACK | M | 0.80 | | |
| 12 | STACK AREA | M ² | 0.5027 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 12073.28 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 38.67 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 21.95 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 6.36 | ≤ 288.0 | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 7.72 | -- | IS 11255 part 7:2005, RA 2022 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/12 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|---|---------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 14:40 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | F.O. | | |
| 06 | STACK HEIGHT | Mtr | 22 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 369 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.6 | | |
| 10 | VELOCITY | M/Sec | 7.99 | | |
| 11 | DIAMETER OF STACK | M | 0.4 | | |
| 12 | STACK AREA | M ² | 0.1256 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 2917.62 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 43.95 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 28.46 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 1.99 | ≤ 18.14 | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 26.40 | -- | IS 11255 part 7:2005, RA 2022 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/13 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 3 SO ₂ Scrubber (Acid Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 15:20 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 45 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 373 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 5.7 | | |
| 10 | VELOCITY | M/Sec | 8.94 | | |
| 11 | DIAMETER OF STACK | M | 0.85 | | |
| 12 | STACK AREA | M ² | 0.5675 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 14591.94 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 21.65 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 17.95 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 6.28 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 8.96 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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STACK EMISSION MONITORING REPORT

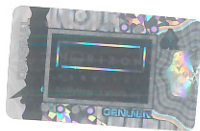
| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/14 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 04 SO ₂ Scrubber (DMS Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:00 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 9 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 405 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.2 | | |
| 10 | VELOCITY | M/Sec | 8.0 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 372.96 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 33.90 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 25.19 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.22 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 7.84 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/15 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|---|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 05 DES Reactor/SVS Plant | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:30 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 9 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 376 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 3.4 | | |
| 10 | VELOCITY | M/Sec | 6.93 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 347.99 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 24.40 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 35.27 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.29 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 7.97 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES
manishanargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/16 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 06 NH ₃ Scrubber (DMU Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:50 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 12 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 384 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 6.2 | | |
| 10 | VELOCITY | M/Sec | 9.46 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 465.14 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 15.76 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 24.84 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.27 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 10.72 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/17 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--------------------------------------|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 07 Ammonium Sulphate | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 17:10 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | --- | | |
| 06 | STACK HEIGHT | Mtr | 12 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 346 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 5.3 | | |
| 10 | VELOCITY | M/Sec | 8.30 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 452.93 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 35.95 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 8.19 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.08 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/18 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 11/04/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 08 D. G. Set (500 KVA) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 17:40 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | HSD | | |
| 06 | STACK HEIGHT | Mtr | 8 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 374 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.9 | | |
| 10 | VELOCITY | M/Sec | 8.30 | | |
| 11 | DIAMETER OF STACK | M | 0.25 | | |
| 12 | STACK AREA | M ² | 0.0490 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 1166.59 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 34.96 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 30.77 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.86 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 19.81 | -- | IS 11255 part 7:2005, RA 2022) |

REMARK/OBSERVATIONS:

➤ Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar

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(Lab Incharge)



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NOISE LEVEL MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/19 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |
| Date Of Sampling | : 11/04/2025 |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | DAY TIME | NIGHT TIME |
|---------|--------------------|--------|----------|------------|
| | | | Readings | Readings |
| 01 | Near Main Gate | dB (A) | 65.5 | 54.7 |
| 02 | Near ETP Area | dB (A) | 67.9 | 58.4 |
| 03 | Near Boiler House | dB (A) | 70.2 | 57.6 |
| 04 | In Production Hall | dB (A) | 66.8 | 55.2 |
| 05 | Near D. G. Set | dB (A) | 68.5 | 53.9 |

REMARK/OBSERVATIONS

Limits:

≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

Noise levels limits are given as per Noise Pollution (Regulation & Control) Rules 2000.

In Plant ≤90 dB (A)

The Factories Act. 1948, has prescribed Noise Level threshold limit for 8 hours exposure is 90 dB (A).

REMARK/OBSERVATIONS:

Results are within limit as per prescribed standards.



For HORIZON SERVICES

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****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

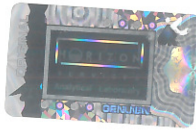
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D.G. NOISE MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0128/20 |
| Dated | : 18/04/2025 |
| Inward No. | : CH-0033 |
| Inward Date | : 14/04/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |
| Date Of Sampling | : 11/04/2025 |

RESULTS

| SR. NO. | TEST LOCATION | UNIT | READINGS | | | STANDARDS |
|---------|---------------------|-------|-----------|-------------|----------------|--------------|
| | | | Door Open | Closed Door | Insertion Loss | |
| 1 | D. G. Set (500 KVA) | | | | | |
| A | North Side | dB(A) | 99.8 | 74.5 | | |
| B | South Side | dB(A) | 97.8 | 73.2 | | |
| C | East Side | dB(A) | 97.3 | 70.5 | | |
| D | West Side | dB(A) | 101.8 | 77.5 | | |
| | AVERAGE | dB(A) | 99.18 | 73.93 | 25.25 | More than 25 |



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



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ANALYSIS REPORT

Page 1 of 3

HS/LAB/NABL/F/7.8.2.1

| CLIENT'S NAME & ADDRESS | REPORT NO | HS/LAB/WA/01898 |
|--|------------------------|-----------------|
| M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT DATE | 21/07/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0748 |
| | SAMPLING DATE | 14/07/2025 |
| | SAMPLE RECEIPT DATE | 15/07/2025 |
| | START DATE OF ANALYSIS | 15/07/2025 |
| | END DATE OF ANALYSIS | 21/07/2025 |

| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
|-------------------|--|--------|----------|
| Drinking Water | M/s. Shree Chakrapani Environmental Consultant. | --- | --- |

RESULTS OF ANALYSIS

| SR. NO. | PARAMETERS | UNIT | RESULT | LIMITS IS10500: 2012 (RA 2018) | TEST METHOD REFERENCE |
|---------|---|--------|-----------|---|---|
| 1 | Colour | Pt/Co | 0.10 | < 5.00 | APHA 24 th Ed 2023, 2120 C |
| 2 | Odour | --- | Agreeable | Agreeable | IS 3025(P-5):1983 RA 2022 |
| 3 | Taste | --- | Agreeable | Agreeable | APHA 24 th Ed 2023, 2160 B |
| 4 | Turbidity | NTU | 0.30 | < 1.00 | APHA 24 th Ed 2023, 2130 B |
| 5 | pH | --- | 7.20 | 6.5 – 8.5 | APHA 24 th Ed 2023, 4500-H ⁺ B |
| 6 | Total Hardness as CaCO ₃ | mg/lit | 28.00 | < 200.0 | APHA 24 th Ed 2023, 2340 C |
| 7 | Iron as Fe | mg/lit | 0.05 | < 0.30 | APHA 24 th Ed 2023, 3500 Fe B |
| 8 | Chlorides as Cl ⁻ | mg/lit | 18.00 | < 250.0 | APHA 24 th Ed 2023, 4500 Cl-B |
| 9 | Total Dissolved Solids | mg/lit | 92.00 | < 500.0 | APHA 24 th Ed 2023, 2540 C |
| 10 | Residual Chlorine as Cl | mg/lit | 0.24 | > 0.20 | APHA 24 th Ed 2023, 4500 Cl-B |
| 11 | Calcium as Ca | mg/lit | 4.20 | < 75.0 | APHA 24 th Ed 2023, 3500 Ca B |
| 12 | Magnesium as Mg | mg/lit | 4.26 | < 30.0 | APHA 24 th Ed 2023, 3500 Mg B |
| 13 | Copper as Cu | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 3111 B |
| 14 | Manganese as Mn | mg/lit | NIL | < 0.10 | APHA 24 th Ed 2023, 3111 B |
| 15 | Sulphates as SO ₄ | mg/lit | 6.00 | < 200.0 | APHA 24 th Ed 2023, 4500 SO ₄ E |
| 16 | Nitrate as NO ₃ | mg/lit | NIL | < 45.0 | APHA 24 th Ed 2023, 4500 NO ₃ B |
| 17 | Fluoride as F ⁻ | mg/lit | NIL | < 1.0 | APHA 24 th Ed 2023, 4500-F- D |
| 18 | Phenolic Compounds as C ₆ H ₅ OH | mg/lit | NIL | < 0.001 | APHA 24 th Ed 2023, 5530 D |



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Page 2 of 3

| | | | | | |
|-----|--|------------|--------|----------|---|
| 19 | Mercury as Hg | mg/lit | NIL | < 0.001 | APHA 24 th Ed 2023, 3112 B |
| 20 | Cadmium as Cd | mg/lit | NIL | < 0.003 | APHA 24 th Ed 2023, 3111 B |
| 21 | Selenium as Se | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3114 B |
| 22 | Arsenic as As | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3114 B |
| 23 | Cyanide as CN | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 4500- Cn E |
| 24 | Lead as Pb | mg/lit | NIL | < 0.01 | APHA 24 th Ed 2023, 3111 B |
| 25 | Zinc as Zn | mg/lit | NIL | < 5.0 | APHA 24 th Ed 2023, 3111 B |
| 26 | Anionic detergents (as MBAS) | mg/lit | NIL | < 0.2 | APHA 24 th Ed 2023, 5540 C |
| 27 | Alkalinity as CaCO ₃ | mg/lit | 60.00 | < 200.0 | IS 3025 (P-23):2003 |
| 28 | Aluminium as Al | mg/lit | NIL | < 0.03 | APHA 24 th Ed 2023, 3500 Al B |
| 29 | Pesticides | mg/lit | NIL | ABSENT | APHA 24 th Ed 2023, 6630 D |
| 30 | Polynuclear Aromatic Hydrocarbons as PAH | mg/lit | NIL | < 0.0001 | APHA 24 th Ed 2023, 6440 C |
| 31 | Boron as B | mg/lit | NIL | < 0.5 | APHA 24 th Ed 2023, 4500 B B |
| 32 | Mineral Oil | mg/lit | NIL | ABSENT | IS 3025 (P-39), 1991 |
| 33 | Chromium as Cr+6 | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 3500 Cr B |
| 34 | Total Chromium as Cr | mg/lit | NIL | < 0.05 | APHA 24 th Ed 2023, 3111 B |
| 35 | Chloramines as Cl ₂ | mg/lit | 0.24 | < 4.0 | IS - 3025 (Part 26)*-196 R-03 |
| 36 | Nickel as Ni | mg/lit | NIL | < 0.02 | APHA 24 th Ed 2023, 3111 B |
| 37 | Molybdenum as Mo | mg/lit | NIL | < 0.07 | APHA 24 th Ed 2023, 3500 Mo |
| 38 | Barium as Ba | mg/lit | NIL | < 0.7 | APHA 24 th Ed 2023, 3500 Ba B |
| 39 | Silver as Ag | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 3500 Ag B |
| 40 | Polychlorinated biphenyls as PCB | mg/lit | NIL | < 0.0005 | APHA 24 th Ed 2023, 6431 C |
| 41 | Trihalomethanes | mg/lit | NIL | < 0.1 | APHA 24 th Ed 2023, 6232 D |
| 42 | Pesticides | mg/lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 6630 D |
| 43 | Total Ammonia as N | mg/lit | NIL | < 0.5 | IS 3025 (P-34):2009 |
| 44 | Cryptosporidium | Org/10 lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 9711 B |
| 44A | Giardia | Org/10 lit | ABSENT | ABSENT | APHA 24 th Ed 2023, 9711 B |
| 45 | Total Coliform | MPN/100ml | NIL | ABSENT | APHA 24 th Ed 2023, 9221 B |
| 45A | Fecal Coliform | Org/100ml | ABSENT | ABSENT | APHA 24 th Ed 2023, 9221 G |
| 47 | Trihalomethanes | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47A | Bromoform | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47B | Dibromochloromethane | mg/lit | ABSENT | < 0.1 | APHA 24 th Ed 2023, 6232 C |
| 47C | Bromodichloromethane | mg/lit | ABSENT | < 0.06 | APHA 24 th Ed 2023, 6232 C |
| 47D | Chloroform | mg/lit | ABSENT | < 0.20 | APHA 24 th Ed 2023, 6232 C |
| 48 | Pesticides | | | | |
| a | Alachlor | µg/lit | ABSENT | < 20.0 | USEPA Method 525.2, 507 |
| b | Atrazine | µg/lit | ABSENT | < 2.0 | USEPA Method 525.2, 8141 A |
| c | Aldrin/Dieldrin | µg/lit | ABSENT | < 0.03 | USEPA Method 508 |
| d | Alpha HCH | µg/lit | ABSENT | < 0.01 | USEPA Method 508 |

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Page 3 of 3

| | | | | | |
|---|--------------------------------|--------|--------|----------|----------------------------|
| e | Beta HCH | µg/lit | ABSENT | < 0.04 | USEPA Method 508 |
| f | Butachlor | µg/lit | ABSENT | < 125.0 | USEPA Method 525.2, 8141 A |
| g | Chlorpyrihos | µg/lit | ABSENT | < 30.0 | USEPA Method 525.2, 8141 A |
| h | Delta HCH | µg/lit | ABSENT | < 0.04 | USEPA Method 508 |
| i | 2,4 Dichlorophenoxyacetic Acid | µg/lit | ABSENT | < 30.0 | USEPA Method 515.1 |
| j | DDT | µg/lit | ABSENT | < 1.00 | USEPA Method 508 |
| k | Endosulfan | µg/lit | ABSENT | < 0.40 | USEPA Method 508 |
| l | Ethion | µg/lit | ABSENT | < 3.0 | USEPA Method 1657 A |
| m | Gamma HCH | µg/lit | ABSENT | < 2.0 | USEPA Method 508 |
| n | Isoproturon | µg/lit | ABSENT | < 9.0 | USEPA Method 532 |
| o | Malathion | µg/lit | ABSENT | < 190.00 | USEPA Method 8141 A |
| p | Methyl Parathion | µg/lit | ABSENT | < 0.30 | USEPA Method 8141 A |
| q | Monocrotophos | µg/lit | ABSENT | < 1.0 | USEPA Method 8141 A |
| r | Phorate | µg/lit | ABSENT | < 2.0 | USEPA Method 8141 A |

REMARKS:

- As per IS 10500:2012(RA 2018), above water sample is chemically and bacteriologically potable with respect to above parameters.
- BDL: Below Detectable Limit.



For HORIZON SERVICES

menalgolera

(LAB INCHARGE)



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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

| | | |
|--|-------------------------------|-----------------|
| CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT NO | HS/LAB/WA/01899 |
| | REPORT DATE | 21/07/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0748 |
| | SAMPLING DATE | 14/07/2025 |
| | SAMPLE RECEIPT DATE | 15/07/2025 |
| | START DATE OF ANALYSIS | 15/07/2025 |
| | END DATE OF ANALYSIS | 21/07/2025 |

| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
|------------------------|--|---------|----------|
| Industrial Waste Water | M/s. Shree Chakrapani Environmental Consultant. | Treated | ETP |

RESULTS OF ANALYSIS

| SR. NO | PARAMETERS | UNIT | RESULT | LIMITS | STANDARD METHODS |
|--------|---------------------------------|--------|---------|-----------|---|
| 01 | pH | --- | 7.54 | 6.0-8.5 | APHA 24 th Ed 2023, 4500-H ⁺ B |
| 02 | Total Suspended Solids | mg/lit | 48.00 | ≤ 100.00 | APHA 24 th Ed 2023, 2540-D |
| 03 | Total Dissolved Solids | mg/lit | 1056.00 | ≤ 2100.00 | APHA 24 th Ed 2023, 2540 C |
| 04 | Chemical Oxygen Demand | mg/lit | 140.00 | ≤ 250.00 | APHA 24 th Ed 2023, 5220- C |
| 05 | BOD 3 days at 27°C | mg/lit | 38.90 | ≤ 100.00 | IS 3025 (P 44) RA 2023 |
| 06 | Chloride as Cl ⁻ | mg/lit | 132.00 | ≤ 600.00 | APHA 24 th Ed 2023, 4500 Cl B |
| 07 | Sulphates as SO ₄ -- | mg/lit | 90.00 | ≤ 1000.00 | APHA 24 th Ed 2023, 4500 SO ₄ E |
| 08 | Oil & Grease | mg/lit | NIL | ≤ 10.00 | APHA 24 th Ed 2023, 5520 B |
| 09 | Nitrate as NH ₃ | mg/lit | 2.40 | < 50.00 | APHA 24 th Ed 2023, 4500 NO ₃ B |
| 10 | Phosphate | mg/lit | 0.15 | ≤ 5.00 | APHA 24 th Ed 2023, 4500- P D |

REMARK: All above results are within the limits.



For HORIZON SERVICES

menal gowda

(LAB INCHARGE)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

| CLIENT'S NAME & ADDRESS | REPORT NO | HS/LAB/WA/01900 |
|--|------------------------|-----------------|
| M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar. | REPORT DATE | 21/07/2025 |
| | LAB REFERENCE NO. | HS/LAB/WA/0748 |
| | SAMPLING DATE | 14/07/2025 |
| | SAMPLE RECEIPT DATE | 15/07/2025 |
| | START DATE OF ANALYSIS | 15/07/2025 |
| | END DATE OF ANALYSIS | 21/07/2025 |

| DETAILS OF SAMPLE | SAMPLE COLLECTED BY | NATURE | LOCATION |
|----------------------|--|---------|----------|
| Domestic Waste Water | M/s. Shree Chakrapani Environmental Consultant. | Treated | STP |

RESULTS OF ANALYSIS

| SR. NO. | PARAMETERS | UNIT | RESULT | LIMITS | TEST METHODS |
|---------|---|--------|--------|------------|---|
| 01 | pH | --- | 7.33 | 6.6 to 8.5 | APHA 24 th Ed 2023, 4500-H+B |
| 02 | Total Suspended Solids | mg/lit | 39.00 | ≤ 100.00 | APHA 24 th Ed 2023, 2540-D |
| 03 | Biochemical Oxygen Demand for 3 days at 27°C | mg/lit | 24.00 | ≤ 30.00 | IS 3025 (P 44) RA 2023 |

REMARK: All above results are within the Limits.

For HORIZON SERVICES



menalgolka

(LAB INCHARGE)



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/1 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|----------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14&15/07/2025 | | |
| 02 | TEST LOCATION | | Near Main Gate | | |
| 03 | TIME OF SAMPLING | Hrs | 10:20 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 31/28 | | |
| 05 | RELATIVE HUMIDITY | % RH | 70 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 58.15 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 33.02 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 18.32 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 29.87 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.083 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/2 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|---------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14&15/07/2025 | | |
| 02 | TEST LOCATION | | Near D.G. Set | | |
| 03 | TIME OF SAMPLING | Hrs | 10:40 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 31/28 | | |
| 05 | RELATIVE HUMIDITY | % RH | 70 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 53.76 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 26.63 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 22.34 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 29.03 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.078 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/3 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | READINGS | NAAQS STANDARDS | TEST METHOD REFERENCE |
|---------|------------------------|-------------------|---------------|-----------------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14&15/07/2025 | | |
| 02 | TEST LOCATION | | Near MMA Yard | | |
| 03 | TIME OF SAMPLING | Hrs | 11:00 | | |
| 04 | TEMPERATURE (Max./Min) | Deg C | 31/28 | | |
| 05 | RELATIVE HUMIDITY | % RH | 70 | | |
| 06 | SAMPLING DURATION | Hrs | 24 | | |
| 07 | PM ₁₀ | µg/m ³ | 54.62 | ≤100 | IS 5182(part 23):2006, RA 2022 |
| 08 | PM _{2.5} | µg/m ³ | 28.90 | ≤60 | IS 5182(part 24):2019 |
| 09 | SO ₂ | µg/m ³ | 24.83 | ≤80 | IS 5182(part 2):2023 |
| 10 | NO ₂ | µg/m ³ | 32.44 | ≤80 | IS 5182(part 6):2006 RA 2022 |
| 11 | CO (8 Hrs) | mg/m ³ | 0.085 | ≤2.0 | IS 5182 (Part 10):1999 RA 2019 |
| 12 | Lead | µg/m ³ | BDL (<0.05) | ≤1.0 | IS 5182 (Part 22):2004, RA 2019 |
| 13 | NH ₃ | µg/m ³ | BDL (<30) | ≤400 | IS 5182(part 25):2018 |
| 14 | Ozone | µg/m ³ | BDL (<5) | ≤100 | IS 5182(part 9):1974, RA 2019 |
| 15 | Benzene | µg/m ³ | BDL (<4) | ≤05 | IS 5182 (Part 11):2006 |
| 16 | Benzo(a)Pyrene | ng/m ³ | BDL (<0.5) | ≤01 | IS 5182 (Part 12):2004 |
| 17 | Arsenic | ng/m ³ | BDL (<3) | ≤06 | HS/NABL/AIR/22 |
| 18 | Nickel | ng/m ³ | BDL (<7) | ≤20 | IS 5182(part 26):2020 |

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

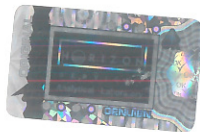
| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/11 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|---------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 01 Boiler (6 Tons/hr.) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 14:20 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | Coal | | |
| 06 | STACK HEIGHT | Mtr | 34 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 450 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 5.4 | | |
| 10 | VELOCITY | M/Sec | 10.08 | | |
| 11 | DIAMETER OF STACK | M | 0.80 | | |
| 12 | STACK AREA | M ² | 0.5027 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 12074.03 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 32.62 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 23.38 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 6.77 | ≤ 288.0 | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 04.28 | -- | IS 11255 part 7:2005, RA 2022 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/12 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|---|---------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 14:50 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | F.O. | | |
| 06 | STACK HEIGHT | Mtr | 22 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 398 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 5.4 | | |
| 10 | VELOCITY | M/Sec | 9.03 | | |
| 11 | DIAMETER OF STACK | M | 0.4 | | |
| 12 | STACK AREA | M ² | 0.1256 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 3057.44 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 40.52 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 25.69 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 1.89 | ≤ 18.14 | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 24.86 | -- | IS 11255 part 7:2005, RA 2022 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/13 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 3 SO ₂ Scrubber (Acid Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 15:30 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 45 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 370 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.6 | | |
| 10 | VELOCITY | M/Sec | 8.44 | | |
| 11 | DIAMETER OF STACK | M | 0.85 | | |
| 12 | STACK AREA | M ² | 0.5675 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 13873.87 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 15.59 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 19.62 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 6.53 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 09.14 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES

Man Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/14 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 04 SO ₂ Scrubber (DMS Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:10 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 9 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 351 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 3.9 | | |
| 10 | VELOCITY | M/Sec | 7.57 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 408.45 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 36.12 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 20.71 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.19 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 6.49 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES

man nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/15 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|---|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 05 DES Reactor/SVS Plant | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:40 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 9 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 382 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 3.6 | | |
| 10 | VELOCITY | M/Sec | 7.58 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 376.17 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 29.07 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 33.98 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.31 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 8.52 | ≤ 35 | USEPA Method no.8 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/16 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|-------------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 06 NH ₃ Scrubber (DMU Plant) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 16:00 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | -- | | |
| 06 | STACK HEIGHT | Mtr | 12 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 390 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 5.2 | | |
| 10 | VELOCITY | M/Sec | 9.21 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 447.44 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 20.39 | < 50.0 | IS 11255 (Part 1): 1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 27.25 | -- | IS 11255 (Part 2): 1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.29 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |
| 18 | ACID MIST | mg/Nm ³ | 11.02 | ≤ 35 | USEPA Method no.8 |
| 19 | AMMONIA (NH ₃) | Mg/Nm ³ | BDL (<5) | ≤ 20 | IS 11255(Part 6): 1999, RA 2019 |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

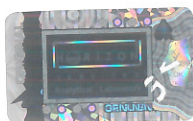
| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/17 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--------------------------------------|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 07 Ammonium Sulphate | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 17:20 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | --- | | |
| 06 | STACK HEIGHT | Mtr | 12 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 364 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.6 | | |
| 10 | VELOCITY | M/Sec | 8.37 | | |
| 11 | DIAMETER OF STACK | M | 0.15 | | |
| 12 | STACK AREA | M ² | 0.0176 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 435.60 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 33.98 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 09.95 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.10 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | BDL (<5) | -- | IS 11255 part 7:2005, RA 2022) |

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.



For HORIZON SERVICES
manishanargolkar
MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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STACK EMISSION MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/18 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | LIMITS | TEST METHOD REFERENCE |
|---------|---------------------------------------|---------------------|--|--------|---------------------------------|
| 01 | DATE OF SAMPLING | DD/MM/YY | 14/07/2025 | | |
| 02 | TEST LOCATION | -- | Stack No/ID- 08 D. G. Set (500 KVA) | | |
| 03 | TIME OF SAMPLING (00.00) | Hrs | 17:50 | | |
| 04 | MATERIAL OF STACK | -- | MS | | |
| 05 | FUEL TYPE | -- | HSD | | |
| 06 | STACK HEIGHT | Mtr | 8 | | |
| 07 | TYPE OF STACK | | Round | | |
| 08 | FLUE GAS TEMPERATURE | Deg K | 369 | | |
| 09 | DIFFERENTIAL PRESSURE | MMWC | 4.5 | | |
| 10 | VELOCITY | M/Sec | 8.33 | | |
| 11 | DIAMETER OF STACK | M | 0.25 | | |
| 12 | STACK AREA | M ² | 0.0490 | | |
| 13 | GAS VOLUME | Nm ³ /Hr | 1188.65 | | |
| 14 | TOTAL PARTICULATE MATTER | mg/Nm ³ | 37.84 | < 50.0 | IS 11255 (Part 1):1985, RA 2019 |
| 15 | SULPHUR DIOXIDE (SO ₂) | mg/Nm ³ | 34.15 | -- | IS 11255 (Part 2):1985, RA 2019 |
| 16 | SULPHUR DIOXIDE (SO ₂) | Kg/Day | 0.97 | -- | -- |
| 17 | OXIDES OF NITROGEN (NO _x) | mg/Nm ³ | 13.52 | -- | IS 11255 part 7:2005, RA 2022) |

REMARK/OBSERVATIONS:

- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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NOISE LEVEL MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/19 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |
| Date Of Sampling | : 14/07/2025 |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | DAY TIME | NIGHT TIME |
|---------|--------------------|--------|----------|------------|
| | | | Readings | Readings |
| 01 | Near Main Gate | dB (A) | 68.6 | 59.1 |
| 02 | Near ETP Area | dB (A) | 72.8 | 57.3 |
| 03 | Near Boiler House | dB (A) | 66.4 | 62.6 |
| 04 | In Production Hall | dB (A) | 70.1 | 56.7 |
| 05 | Near D. G. Set | dB (A) | 69.6 | 60.0 |

REMARK/OBSERVATIONS

Limits:

≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

Noise levels limits are given as per Noise Pollution (Regulation & Control) Rules 2000.

In Plant ≤90 dB (A)

The Factories Act. 1948, has prescribed Noise Level threshold limit for 8 hours exposure is 90 dB (A).

REMARK/OBSERVATIONS:

Results are within limit as per prescribed standards.



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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D.G. NOISE MONITORING REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/20 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |
| Date Of Sampling | : 14/07/2025 |

RESULTS

| SR. NO. | TEST LOCATION | UNIT | READINGS | | | STANDARDS |
|---------|---------------------|-------|-----------|-------------|----------------|--------------|
| | | | Door Open | Closed Door | Insertion Loss | |
| 1 | D. G. Set (500 KVA) | | | | | |
| A | North Side | dB(A) | 98.3 | 71.9 | | |
| B | South Side | dB(A) | 99.6 | 73.9 | | |
| C | East Side | dB(A) | 100.1 | 74.0 | | |
| D | West Side | dB(A) | 97.4 | 72.2 | | |
| | AVERAGE | dB(A) | 98.85 | 73.0 | 25.80 | More than 25 |



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/4 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|---------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | In Acid Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 11:30 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 88.13 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 27.65 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 23.91 | ≤ 6000 | HS/LAB/NABL/WZ/11 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/5 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | In DMS Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 11:50 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 60.47 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 25.84 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 16.29 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Dimethyl Sulphate (DMS) | ppm | BDL (<0.05) | $\leq 0.1^*$ | NIOSH METHOD NO. 2524 |
| 11 | Methanol | ppm | 07.37 | ≤ 200 | NIOSH METHOD NO. 2000 |
| 12 | Dimethyl Ether (DME) | ppm | BDL (<33) | N.S. | NIOSH METHOD NO. 1610 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.
- BDL: - Below Detectable Limits.
- * Limits are given as per OSHA'S Standard.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/6 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|--------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | In DES Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 12:20 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 53.49 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 20.60 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 29.31 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ethanol | ppm | BDL (<16) | ≤ 1000 | NIOSH METHOD NO. 1400 |
| 11 | Ammonia | ppm | 4.01 | ≤ 25 | HS/LAB/NABL/WZ/15 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid till 06/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

• Mobile : 7249867318, 8378018710 • Tel. : 020 - 25460202 • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/7 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|--------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | In DMU Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 12:50 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 46.59 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 18.92 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | BDL (<5) | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ammonia | ppm | 06.95 | ≤ 25 | HS/LAB/NABL/WZ/15 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.
- BDL: - Below Detectable limits.



****End of Test Report****

For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/8 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|---------------------------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | Acid Plant At a time Sulphur Charging | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:20 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 44.89 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 15.42 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 18.29 | ≤ 6000 | HS/LAB/NABL/WZ/11 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.



****End of Test Report****

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/9 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|----------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | Sulphur Storage Yard | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:40 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 63.68 | N.S. | HS/LAB/NABL/WZ/10 |

REMARK/OBSERVATIONS:

➤ N.S. -Not Specified.



****End of Test Report****

For HORIZON SERVICES

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MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

| | |
|---------------------|---|
| Report No. | : HS/REP/25-26/0718/10 |
| Dated | : 19/07/2025 |
| Inward No. | : CH-0333 |
| Inward Date | : 16/07/2025 |
| Client | : M/S. AARTI PHARMALABS LTD. (UNIT-VI) |
| Site | : Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar. |
| Sample Collected by | : M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT. |

RESULTS

| SR. NO. | DESCRIPTION | UNIT | RESULT | FACTORIES ACT LIMITS (1948) | TEST METHOD REFERENCE |
|---------|--------------------------|--------------------------|-------------------------|-----------------------------|-----------------------|
| 01 | Date of Sampling | DD/MM/YY | 14/07/2025 | | |
| 02 | Test Location | | Ammonium Sulphate Plant | | |
| 03 | Time of Sampling (00.00) | Hrs. | 13:00 | | |
| 04 | Temperature (Max./Min) | Deg C | 29/21.0 | | |
| 05 | Relative Humidity | % RH | 52 | | |
| 06 | Sampling Duration | Hrs. | 8 | | |
| 07 | SPM | $\mu\text{g}/\text{m}^3$ | 56.07 | N.S. | HS/LAB/NABL/WZ/10 |
| 08 | SO ₂ | $\mu\text{g}/\text{m}^3$ | 48.30 | ≤ 5000 | HS/LAB/NABL/WZ/12 |
| 09 | NO ₂ | $\mu\text{g}/\text{m}^3$ | 26.18 | ≤ 6000 | HS/LAB/NABL/WZ/11 |
| 10 | Ammonia | ppm | 10.14 | ≤ 25 | HS/LAB/NABL/WZ/15 |
| 11 | Monomethyl Amine | ppm | BDL (<0.1) | $\leq 10^*$ | OSHA's Method No. 40 |

REMARK/OBSERVATIONS:

- N.S. -Not Specified.
- Results are within limit as per prescribed standards.
- BDL: - Below Detectable limits.
- * Limits are given as per OSHA'S Standard.



****End of Test Report****

For HORIZON SERVICES

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MANISHA NARGOLKAR
(Lab Incharge)