

Letter No. Letter . APL - VI / Envi. 10 / 2026

Date: 13/05/2026

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 October - 2025 to March -2026.

**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 October - 2025 to March -2026 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.

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

**AARTI PHARMALABS LIMITED**

[www.aartipharmalabs.com](http://www.aartipharmalabs.com) | CIN : U24100GJ2019PLC110964 | Email : [info@aartipharmalabs.com](mailto: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 Pharmed Labs Ltd. (Unit - VI ),  
Plot no.D 18 MIDC Tarapur.

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

Report for period of October 2025 To March 2026

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.

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.

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 in case 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 <sup>th</sup> 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.

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"> <li>Industries have conducted regular basis mock drills, Last Mock drills done on 29<sup>th</sup> December 2025.</li> </ul>
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.

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 <a href="https://ec.maharashtra.gov">https://ec.maharashtra.gov</a>.</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 <a href="https://ec.maharashtra.gov">https://ec.maharashtra.gov</a>.</p>
XXII	<p>Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard &amp; soft copies to the MPCB &amp; this department, on 1st June &amp; 1st December of each calendar year.</p>	<p>Half yearly compliance reports Submitted regular basis, last report submit on 20/11/2025</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 &amp; Agreed.</p>

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, SO<sub>2</sub>, NO<sub>x</sub> (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 20/11/2025</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 Pharamalabs Limited. (Unit - VI), Plot no.D 18 MIDC Tarapur  
EC Compliance Report period of Oct 2025 - Mar 2026  
Environmental Clearance File No.SEIAA-EC-0000000258**

Sr.No.	EC General condition Details		Compliance Status											Remarks	
	Name of the Project	Type of institution	Proposed Expansion of Synthetic organic chemicals manufacturing unit	October 2025	November 2025	December 2025	January 2026	February 2026	March 2026	October 2025	November 2025	December 2025	January 2026		February 2026
1	Name of Project Proponent	Private	M/s. Aarti Pharamalabs 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 Approver/ Number		MIDC plot Approval Approved Built Up Area : 8323												
	LOI/NOC/IOD 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.										
Consent Limit				October 2025	November 2025	December 2025	January 2026	February 2026	March 2026	October 2025	November 2025	December 2025	January 2026	February 2026	March 2026
1		Sulphuric Acid/Oleum25%/Oleum65%/Liquid SO3 (Sulphuric anhydride)	6000 MT/M	4524	5108	5182	3441	4971	5717						
2		Dimethyl Sulphate (DMS)	2500 MT/M	1458	1698	1983	1429	1715	2055						
3		Diethyl Sulphate (DES)	700 MT/M	312	316	263	113	430	359						
4		Diemethyl Urea (DMU)	600 MT/M	237	247	290	302	296	295						
5		Monomethyl Urea(MMU)	100 MT/M	0	0	0	0	0	0						
6		Sodium Vanyl Sulphonate ( SVS )	300 MT/M	47	79	78	50	73	41						
7		Cyano Acetic Acid ( CAA )	250 MT/M	0	0	0	0	0	0						
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 Amiline	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:			11160	11672	11910	7900	11490	13650							

Complied :  
Production Quantities are within the EC limit



7	Effluent Characteristics	Sodium Sulphate (28.1)	110 MT/M	24.000	40.000	39.000	23.000	34.000	23.000	<p>CONSENT-0000221977/CR/2502000709 Issued on 09.02.2025 valid till 31.12.2027</p> <p>for collection, storage and sale to authorized party pre-processing. (As By Product)</p> <p>Complied.</p> <p>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.</p>	
		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	October 2025		January 2026				
		pH	5.5-9.0	---	7.97			7.12			
		Total Suspended Solids	<_100	mg/l	56			60			
		Total Dissolves Solids	<_2100	mg/l	1094			1122			
		COD	<_250	mg/l	165.4			184.7			
		BOD	<_100	mg/l	45.9			51.4			
Chlorides	<_600	mg/l	138			162					
Sulphates as SO4	<_1000	mg/l	96			100					
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			11/02/2025			Total number of employees			347 Nos		

## Stack Emission Details.

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	October 2025	January 2026
1	DG Set 500 KVA	SO <sub>2</sub>	4	50 mg/Nm <sup>3</sup>	31.89	35.72
		TPM		150 mg/Nm <sup>3</sup>	35.38	38.46
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	11.29	23.59
2	Scrubber Process Reactor ACID	TPM	45	150 mg/Nm <sup>3</sup>	13.38	17.49
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	17.57	21.68
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL
		Acid mist		90 mg/Nm <sup>3</sup>	7.98	10.81
3	Boiler ( 6 Ton /hr.)	TPM	34	150 mg/Nm <sup>3</sup>	29.43	37.58
		SO <sub>2</sub>		600 mg/Nm <sup>3</sup>	20.96	45.85
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	4.08	26.18
4	Stack Thermo Pac (4 Lac KcalHr)	TPM	22	150 mg/Nm <sup>3</sup>	36.38	39.59
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	24.05	27.18
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	22.94	28.81
5	Stack DMS plant (SO <sub>2</sub> Scrubber)	TPM	9	150 mg/Nm <sup>3</sup>	33.38	36.49
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	18.94	23.82
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL
6	Stack DES plant (so <sub>2</sub> Scrubber )	TPM	9	150 mg/Nm <sup>3</sup>	26.68	30.89
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	30.04	34.13
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL
7	Stack DMU Plant (NH <sub>3</sub> Scrubber)	TPM	12	150 mg/Nm <sup>3</sup>	17.97	21.81
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	24.49	27.56
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL
8	Ammonium Sulphate	TPM	12	150 mg/Nm <sup>3</sup>	31.78	35.85
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	8.19	10.39
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL
9	Sodium Vinyl Sulphonate	TPM	9	150 mg/Nm <sup>3</sup>	26.68	30.89
		SO <sub>2</sub>		50 mg/Nm <sup>3</sup>	30.04	34.13
		NO <sub>x</sub>		50 mg/Nm <sup>3</sup>	BDL	BDL

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						
Sr. No.	Station	Parameter	MPCB Standard $\mu\text{gm}/\text{Nm}^3$	October 2025	January 2026			
10	1	Near Main Gate	PM 10	100	62.7	68.87	Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.  Complied .	
			PM 2.5	60	29.1	31.28		
			SO2	80	22.4	25.51		
	2	Near MMA Yard	NOx	80	26.1	29.24		
			PM 10	100	59.3	62.48		
			PM 2.5	60	25.4	29.51		
	3	Near D.G.Set	SO2	80	20.1	24.28		
			NOx	80	34.9	37.79		
			PM 10	100	56.12	60.25		
			PM 2.5	60	24.98	27.81		
			SO2	80	23.91	26.79		
			NOx	80	27.46	31.53		

		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						
Sr. No.	Plant	Parameter	Prescribe Limit	October 2025 Results of VOC in PPM	January 2026 Results of VOC in PPM			
11	1	In Acid Plant	SPM	N.S.	92.6	96.74	Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.  Complied .	
			SO2	<_5000	25.1	28.21		
			NOx	<_6000	28.4	31.59		
	2	In DMS Plant	SPM	N.S.	64.95	68.79		
			SO2	<_5000	23.72	27.88		
			NOx	<_6000	20.89	24.96		
	3	In DES Plant	DMS	---	BDL	BDL		
			Methanol	<_200	6.81	7.95		
			SPM	N.S.	58.23	61.36		
			SO2	<_5000	24.37	27.48		
			NOx	<_6000	26.85	30.94		

12	Noise Monitoring	4	In DMU Plant	Ethanol	<_1000	BDL	BDL		
				SPM	N.S.	41.46	44.58		
				SO2	<_5000	22.63	28.84		
				NOx	<_6000	BDL	BDL		
				Ammonia	<_25	6.37	8.61		
		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		
		Sr.No.	Day Time dB(A)						
				October 2025	January 2026				
		1	Near Main Gate	65.4	75	64.3	75		
		2	Near ETP Area	74.6	75	73.8	75		
		3	Near Boiler House	68.1	75	69.2	75		
		4	Production Hall	71.8	75	73.7	75		
		5	Near D.G. Set	67.3	75	65.4	75		
			Night Time dB(A)						
		1	Near Main Gate	60.8	70	64.5	70		
		2	Near ETP Area	54.1	70	52.2	70		
		3	Near Boiler House	63.9	70	64.7	70		
		4	Production Hall	55.2	70	58.1	70		
		5	Near D.G. Set	61.7	70	63.4	70		
13	Fuel Consumption :-	Limit KG/M	October 2025	November 2025	December 2025	January 2026	February 2026	March 2026	
		Coal	399923	410201	371539	428534	451066	347362	
		Furnace Oil	6610	6105	4605	7338	7866	6399	
		Deisel (HSD)	15120	0.29	0.18	0.2	0.18	0.23	
14	Energy :- Source of Power supply	Power requirement							
		MSEDCL	October 2025	November 2025	December 2025	January 2026	February 2026	March 2026	
		Turbine Set power back up 500KVA	902190	787830	820050	870870	861270	924600	
			67900	161200	156100	15100	197800	214300	
		Air pollution from boiler TFH							
		Dust collector ,bag filter and Process scrubber							
		Dust collector ,bag filter, scrubber							
		Complied. As per Power Consumption Unit or MSEB Bill							
		Complied. As per Consumption register book it is under limit							

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.

15	<p><b>Details of pollution control system:-</b> Source</p>	<p>Water pollution from process and utilities</p>	<p>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.</p>
16	<p><b>Storage of Chemicals (inflammable/explosive/hazardous/toxic substance)</b></p>	<p>Noise pollution</p> <p>Solid Waste</p> <p>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.</p>	<p>Complied.</p> <p>Acoustic enclosures have been provided for the DG sets to mitigate the noise pollution and ear plug provided to workers.</p> <p>Complied.</p> <p>Hazardous waste Disposed to CHWTSDF / Recycle, Hazardous waste Membership Available. Membership No. MWML - HzW-TAR- 3502</p> <p>Complied.</p> <p>All Hazardous chemicals have been stored in the tanks with breather valves and flame arrester and materials transferred through sealed pumps.</p>



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





## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

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 <b>IOD/IOA/Concession/Plan Approval Number:</b> MIDC plot plan approval <b>Approved Built-up Area:</b> 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)	<b>FSI area (sq. m.):</b> Not applicable <b>Non FSI area (sq. m.):</b> Not applicable <b>Total BUA area (sq. m.):</b> Not applicable
18 (b).Approved Built up area as per DCR	<b>Approved FSI area (sq. m.):</b> <b>Approved Non FSI area (sq. m.):</b> <b>Date of Approval:</b>
19.Total ground coverage (m2)	Not applicable

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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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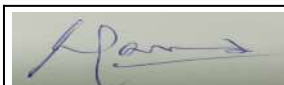
**Shri Satish.M.Gavai (Member Secretary SEIAA)**

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sulphuric acid/ Oleum 25%/ Oleum 65%/ Liquid SO3 (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


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



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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## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	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

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

<b>26.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	--
	<b>Quantity of storm water:</b>	--
	<b>Size of SWD:</b>	--

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



## 28.Solid waste Management

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

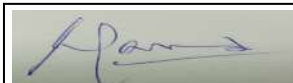
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## 29. Effluent Characteristics


Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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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<b>30.Hazardous Waste Details</b>							
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.
<b>31.Stacks emission Details</b>							
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	--	
<b>32.Details of Fuel to be used</b>							
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					
<b>33.Energy</b>							

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	--
	<b>O &amp; M cost:</b>	--

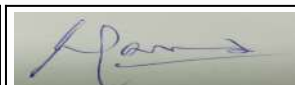
### 38. Environmental Management plan Budgetary Allocation

#### 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



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

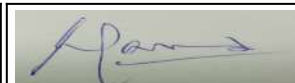
### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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
<b>40.Any Other Information</b>							
No Information Available							

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

<b>I</b>	The PP shall submit a detailed DMP with budget
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**General Conditions:**

<b>I</b>	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
<b>II</b>	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.
<b>III</b>	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
<b>IV</b>	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
<b>V</b>	Proper Housekeeping programmers shall be implemented.
<b>VI</b>	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.
<b>VII</b>	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
<b>VIII</b>	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
<b>IX</b>	Arrangement shall be made that effluent and storm water does not get mixed.
<b>X</b>	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.
<b>XI</b>	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.
<b>XII</b>	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.
<b>XIII</b>	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.
<b>XIV</b>	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.
<b>XV</b>	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
<b>XVI</b>	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
<b>XVII</b>	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.
<b>XVIII</b>	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.

<b>XIX</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>XX</b>	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
<b>XXI</b>	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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>
<b>XXII</b>	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.
<b>XXIII</b>	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.
<b>XXIV</b>	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 <sub>2</sub> , NO <sub>x</sub> (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.
<b>XXV</b>	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.
<b>XXVI</b>	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.

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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.

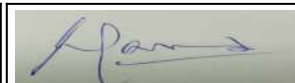


Shri Satish.M.Gavai (Member Secretary SEIAA)

**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.

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### ANALYSIS REPORT

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HALPL/LAB/NABL/F/7.8.2.1

<b>CLIENT'S NAME &amp; ADDRESS</b> <b>M/S. AARTI PHARMALABS LTD.</b> <b>(Unit-VI)</b> Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	<b>REPORT NO</b>	HALPL/LAB/WA/03419
	<b>REPORT DATE</b>	27/10/2025
	<b>LAB REFERENCE NO.</b>	HALPL/LAB/WA/1344
	<b>SAMPLING DATE</b>	13/10/2025
	<b>SAMPLE RECEIPT DATE</b>	14/10/2025
	<b>START DATE OF ANALYSIS</b>	14/10/2025
	<b>END DATE OF ANALYSIS</b>	27/10/2025

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 2023)	TEST METHOD REFERENCE
1	Colour	Pt/Co	0.15	< 5.00	APHA 24 <sup>th</sup> Ed 2023, 2120 C
2	Odour	---	Agreeable	Agreeable	IS 3025(P-5):1983 RA 2022
3	Taste	---	Agreeable	Agreeable	APHA 24 <sup>th</sup> Ed 2023, 2160 B
4	Turbidity	NTU	0.35	< 1.00	APHA 24 <sup>th</sup> Ed 2023, 2130 B
5	pH	---	7.58	6.5 – 8.5	APHA 24 <sup>th</sup> Ed 2023, 4500-H+B
6	Total Hardness as CaCO <sub>3</sub>	mg/lit	40.00	< 200.0	APHA 24 <sup>th</sup> Ed 2023, 2340 C
7	Iron as Fe	mg/lit	0.08	< 0.30	APHA 24 <sup>th</sup> Ed 2023, 3500 Fe B
8	Chlorides as Cl <sup>-</sup>	mg/lit	22.00	< 250.0	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl-B
9	Total Dissolved Solids	mg/lit	126.00	< 500.0	APHA 24 <sup>th</sup> Ed 2023, 2540 C
10	Residual Chlorine as Cl	mg/lit	0.30	> 0.20	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl-B
11	Calcium as Ca	mg/lit	6.32	< 75.0	APHA 24 <sup>th</sup> Ed 2023, 3500 Ca B
12	Magnesium as Mg	mg/lit	5.98	< 30.0	APHA 24 <sup>th</sup> Ed 2023, 3500 Mg B
13	Copper as Cu	mg/lit	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 3111 B
14	Manganese as Mn	mg/lit	NIL	< 0.10	APHA 24 <sup>th</sup> Ed 2023, 3111 B
15	Sulphates as SO <sub>4</sub>	mg/lit	8.00	< 200.0	APHA 24 <sup>th</sup> Ed 2023, 4500 SO <sub>4</sub> E
16	Nitrate as NO <sub>3</sub>	mg/lit	NIL	< 45.0	APHA 24 <sup>th</sup> Ed 2023, 4500 NO <sub>3</sub> B
17	Fluoride as F <sup>-</sup>	mg/lit	NIL	< 1.0	APHA 24 <sup>th</sup> Ed 2023, 4500-F- D
18	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/lit	NIL	< 0.001	APHA 24 <sup>th</sup> Ed 2023, 5530 D



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19	Mercury as Hg	mg/lit	NIL	< 0.001	APHA 24 <sup>th</sup> Ed 2023, 3112 B
20	Cadmium as Cd	mg/lit	NIL	< 0.003	APHA 24 <sup>th</sup> Ed 2023, 3111 B
21	Selenium as Se	mg/lit	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3114 B
22	Arsenic as As	mg/lit	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3114 B
23	Cyanide as CN	mg/lit	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 4500- Cn E
24	Lead as Pb	mg/lit	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3111 B
25	Zinc as Zn	mg/lit	NIL	< 5.0	APHA 24 <sup>th</sup> Ed 2023, 3111 B
26	Anionic detergents (as MBAS)	mg/lit	NIL	< 0.2	APHA 24 <sup>th</sup> Ed 2023, 5540 C
27	Alkalinity as CaCO <sub>3</sub>	mg/lit	56.00	< 200.0	IS 3025 (P-23):2003
28	Aluminium as Al	mg/lit	NIL	< 0.03	APHA 24 <sup>th</sup> Ed 2023, 3500 Al B
29	Pesticides	mg/lit	NIL	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 6630 D
30	Polynuclear Aromatic Hydrocarbons as PAH	mg/lit	NIL	< 0.0001	APHA 24 <sup>th</sup> Ed 2023, 6440 C
31	Boron as B	mg/lit	NIL	< 0.5	APHA 24 <sup>th</sup> 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 <sup>th</sup> Ed 2023, 3500 Cr B
34	Total Chromium as Cr	mg/lit	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 3111 B
35	Chloramines as Cl <sub>2</sub>	mg/lit	0.30	< 4.0	IS - 3025 (Part 26)*-196 R-03
36	Nickel as Ni	mg/lit	NIL	< 0.02	APHA 24 <sup>th</sup> Ed 2023, 3111 B
37	Molybdenum as Mo	mg/lit	NIL	< 0.07	APHA 24 <sup>th</sup> Ed 2023, 3500 Mo
38	Barium as Ba	mg/lit	NIL	< 0.7	APHA 24 <sup>th</sup> Ed 2023, 3500 Ba B
39	Silver as Ag	mg/lit	NIL	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 3500 Ag B
40	Polychlorinated biphenyls as PCB	mg/lit	NIL	< 0.0005	APHA 24 <sup>th</sup> Ed 2023, 6431 C
41	Trihalomethanes	mg/lit	NIL	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 D
42	Pesticides	mg/lit	ABSENT	ABSENT	APHA 24 <sup>th</sup> 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 <sup>th</sup> Ed 2023, 9711 B
44A	Giardia	Org/10 lit	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9711 B
45	Total Coliform	MPN/100ml	NIL	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9221 B
45A	Fecal Coliform	Org/100ml	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9221 G
47	Trihalomethanes	mg/lit	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
47A	Bromoform	mg/lit	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
47B	Dibromochloromethane	mg/lit	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
47C	Bromodichloromethane	mg/lit	ABSENT	< 0.06	APHA 24 <sup>th</sup> Ed 2023, 6232 C
47D	Chloroform	mg/lit	ABSENT	< 0.20	APHA 24 <sup>th</sup> 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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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 2023), above water sample is chemically and bacteriologically potable with respect to above parameters.
- BDL: Below Detectable Limit.



For HORIZON SERVICES

*Manoj Kumar*  
(LAB INCHARGE)



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### ANALYSIS REPORT

HALPL/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HALPL/LAB/WA/03417
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT DATE	27/10/2025
	LAB REFERENCE NO.	HALPL/LAB/WA/1344
	SAMPLING DATE	13/10/2025
	SAMPLE RECEIPT DATE	14/10/2025
	START DATE OF ANALYSIS	14/10/2025
	END DATE OF ANALYSIS	27/10/2025

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	---	7.97	6.0-8.5	APHA 24 <sup>th</sup> Ed 2023, 4500-H <sup>+</sup> B
02	Total Suspended Solids	mg/lit	56.00	≤ 100.00	APHA 24 <sup>th</sup> Ed 2023, 2540-D
03	Total Dissolved Solids	mg/lit	1094.00	< 2100.00	APHA 24 <sup>th</sup> Ed 2023, 2540 C
04	Chemical Oxygen Demand	mg/lit	165.40	≤ 250.00	APHA 24 <sup>th</sup> Ed 2023, 5220- C
05	BOD 3 days at 27°C	mg/lit	45.90	≤ 100.00	IS 3025 (P 44) RA 2023
06	Chloride as Cl <sup>-</sup>	mg/lit	138.00	≤ 600.00	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl B
07	Sulphates as SO <sub>4</sub> --	mg/lit	96.00	≤ 1000.00	APHA 24 <sup>th</sup> Ed 2023, 4500 SO <sub>4</sub> E
08	Oil & Grease	mg/lit	NIL	≤10.00	APHA 24 <sup>th</sup> Ed 2023, 5520 B
09	Nitrate as NH <sub>3</sub>	mg/lit	2.45	< 50.00	APHA 24 <sup>th</sup> Ed 2023, 4500 NO <sub>3</sub> B
10	Phosphate	mg/lit	0.20	≤5.00	APHA 24 <sup>th</sup> Ed 2023, 4500- P D

REMARK: All above results are within the limits.



For HORIZON SERVICES

*Manoj Kumar*

(LAB INCHARGE)



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### ANALYSIS REPORT

HALPL/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HALPL/LAB/WA/03418
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT DATE	27/10/2025
	LAB REFERENCE NO.	HALPL/LAB/WA/1344
	SAMPLING DATE	13/10/2025
	SAMPLE RECEIPT DATE	14/10/2025
	START DATE OF ANALYSIS	14/10/2025
	END DATE OF ANALYSIS	27/10/2025

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	---	7.23	6.6 to 8.5	APHA 24 <sup>th</sup> Ed 2023, 4500-H+B
02	Total Suspended Solids	mg/lit	46.00	≤ 100.00	APHA 24 <sup>th</sup> Ed 2023, 2540-D
03	Biochemical Oxygen Demand for 3 days at 27°C	mg/lit	28.00	≤ 30.00	IS 3025 (P 44) RA 2023

REMARK: All above results are within the Limits.



For HORIZON SERVICES

*M. N. A. G. A. R. A.*

(LAB INCHARGE)



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**AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/1
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13&14/10/2025		
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	51		
06	SAMPLING DURATION	Hrs	24		
07	PM <sub>10</sub>	µg/m <sup>3</sup>	62.70	≤100	IS 5182 (Part 23):2006 RA 2022
08	PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.10	≤60	IS 5182 (Part 24):2019 RA 2024
09	SO <sub>2</sub>	µg/m <sup>3</sup>	22.40	≤80	IS 5182 (Part 2): Sec.1:2023
10	NO <sub>2</sub>	µg/m <sup>3</sup>	26.10	≤80	IS 5182 (Part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m <sup>3</sup>	0.079	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182 (Part 25):2018
14	Ozone	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(Part 9):1974 RA 2019
15	Benzene	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11):2006 RA 2022
16	Benzo(a)Pyrene	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12):2004 RA 2019
17	Arsenic	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/22
18	Nickel	ng/m <sup>3</sup>	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.	: HALPL/REP/25-26/1242A/2
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13&14/10/2025		
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	51		
06	SAMPLING DURATION	Hrs	24		
07	PM <sub>10</sub>	µg/m <sup>3</sup>	56.12	≤100	IS 5182 (Part 23):2006 RA 2022
08	PM <sub>2.5</sub>	µg/m <sup>3</sup>	24.98	≤60	IS 5182 (Part 24):2019 RA 2024
09	SO <sub>2</sub>	µg/m <sup>3</sup>	23.91	≤80	IS 5182 (Part 2): Sec.1:2023
10	NO <sub>2</sub>	µg/m <sup>3</sup>	27.46	≤80	IS 5182 (Part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m <sup>3</sup>	0.082	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182 (Part 25):2018
14	Ozone	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(Part 9):1974 RA 2019
15	Benzene	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11):2006 RA 2022
16	Benzo(a)Pyrene	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12):2004 RA 2019
17	Arsenic	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/22
18	Nickel	ng/m <sup>3</sup>	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.	: HALPL/REP/25-26/1242A/3
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13&14/10/2025		
02	TEST LOCATION		Near MMA Yard		
03	TIME OF SAMPLING	Hrs	10:40		
04	TEMPERATURE (Max./Min)	Deg C	34/27		
05	RELATIVE HUMIDITY	% RH	51		
06	SAMPLING DURATION	Hrs	24		
07	PM <sub>10</sub>	µg/m <sup>3</sup>	59.30	≤100	IS 5182 (Part 23):2006 RA 2022
08	PM <sub>2.5</sub>	µg/m <sup>3</sup>	25.40	≤60	IS 5182 (Part 24):2019 RA 2024
09	SO <sub>2</sub>	µg/m <sup>3</sup>	20.10	≤80	IS 5182 (Part 2): Sec.1:2023
10	NO <sub>2</sub>	µg/m <sup>3</sup>	34.90	≤80	IS 5182 (Part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m <sup>3</sup>	0.090	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182 (Part 25):2018
14	Ozone	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(Part 9):1974 RA 2019
15	Benzene	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11):2006 RA 2022
16	Benzo(a)Pyrene	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12):2004 RA 2019
17	Arsenic	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/22
18	Nickel	ng/m <sup>3</sup>	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.

• Mob.: 7249867318, 8378018710 • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/4
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		In Acid Plant		
03	Time of Sampling (00.00)	Hrs.	11:00		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	µg/m <sup>3</sup>	92.60	N.S.	HALPL/LAB/NABL/WZ/10
08	SO <sub>2</sub>	µg/m <sup>3</sup>	25.10	≤5000	HALPL/LAB/NABL/WZ/12
09	NO <sub>2</sub>	µg/m <sup>3</sup>	28.40	≤6000	HALPL/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.	: HALPL/REP/25-26/1242A/5
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		In DMS Plant		
03	Time of Sampling (00.00)	Hrs.	11:20		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	64.95	N.S.	HALPL/LAB/NABL/WZ /10
08	SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	23.72	$\leq 5000$	HALPL/LAB/NABL/WZ /12
09	NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	20.89	$\leq 6000$	HALPL/LAB/NABL/WZ /11
10	Dimethyl Sulphate (DMS)	ppm	BDL (<0.05)	$\leq 0.1^*$	HALPL/LAB/WZ/58
11	Methanol	ppm	06.81	$\leq 200$	HALPL/LAB/WZ/59
12	Dimethyl Ether (DME)	ppm	BDL (<33)	N.S.	HALPL/LAB/WZ/61

**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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**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/6
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		In DES Plant		
03	Time of Sampling (00.00)	Hrs.	11:40		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	58.23	N.S.	HALPL/LAB/NABL/WZ/10
08	SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	24.37	$\leq 5000$	HALPL/LAB/NABL/WZ/12
09	NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	26.85	$\leq 6000$	HALPL/LAB/NABL/WZ/11
10	Ethanol	ppm	BDL (<16)	$\leq 1000$	HALPL/LAB/WZ/59
11	Ammonia	ppm	4.62	$\leq 25$	HALPL/LAB/NABL/WZ/15

**REMARK/OBSERVATIONS:**

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



For HORIZON SERVICES  
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**MANISHA NARGOLKAR**  
(Lab Incharge)

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



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**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/7
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		In DMU Plant		
03	Time of Sampling (00.00)	Hrs.	12:00		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	41.46	N.S.	HALPL/LAB/NABL/WZ/10
08	SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	22.63	$\leq 5000$	HALPL/LAB/NABL/WZ/12
09	NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	BDL (<5)	$\leq 6000$	HALPL/LAB/NABL/WZ/11
10	Ammonia	ppm	06.37	$\leq 25$	HALPL/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**

<b>Report No.</b>	: HALPL/REP/25-26/1242A/8
<b>Dated</b>	: 18/10/2025
<b>Inward No.</b>	: CH-0560
<b>Inward Date</b>	: 15/10/2025
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: 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	13/10/2025		
02	Test Location		Acid Plant At a time Sulphur Charging		
03	Time of Sampling (00.00)	Hrs.	12:20		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	49.74	N.S.	HALPL/LAB/NABL/WZ/10
08	SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	19.80	$\leq 5000$	HALPL/LAB/NABL/WZ/12
09	NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	14.61	$\leq 6000$	HALPL/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\*\*\*\*



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**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/9
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		Sulphur Storage Yard		
03	Time of Sampling (00.00)	Hrs.	12:40		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	68.95	N.S.	HALPL/LAB/NABL/WZ/10

**REMARK/OBSERVATIONS:**

➤ N.S. -Not Specified.



For HORIZON SERVICES

*Manisha Nargolkar*

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



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**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1242A/10
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	Test Location		Ammonium Sulphate Plant		
03	Time of Sampling (00.00)	Hrs.	13:00		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	60.83	N.S.	HALPL/LAB/NABL/WZ/10
08	SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	44.27	$\leq 5000$	HALPL/LAB/NABL/WZ/12
09	NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	30.59	$\leq 6000$	HALPL/LAB/NABL/WZ/11
10	Ammonia	ppm	09.31	$\leq 25$	HALPL/LAB/NABL/WZ/15
11	Monomethyl Amine	ppm	BDL (<0.1)	$\leq 10^*$	HALPL/LAB/WZ/62

**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*  
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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/11
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 01 Boiler (6 Tons/hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	13:30		
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	422		
09	DIFFERENTIAL PRESSURE	MMWC	4.6		
10	VELOCITY	M/Sec	09.01		
11	DIAMETER OF STACK	M	0.80		
12	STACK AREA	M <sup>2</sup>	0.5027		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	11507.59		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	29.43	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	20.96	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	5.79	< 288.0	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	04.08	--	IS 11255 Part 7:2005, RA 2022

**REMARK/OBSERVATIONS**

- Results are within limit as per prescribed standards.



For HORIZON SERVICES  
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\*\*\*\*End of Test Report\*\*\*\*



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**STACK EMISSION MONITORING REPORT**

<b>Report No.</b>	: HALPL/REP/25-26/1242A/12
<b>Dated</b>	: 18/10/2025
<b>Inward No.</b>	: CH-0560
<b>Inward Date</b>	: 15/10/2025
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	14:00		
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	418		
09	DIFFERENTIAL PRESSURE	MMWC	5.1		
10	VELOCITY	M/Sec	9.44		
11	DIAMETER OF STACK	M	0.4		
12	STACK AREA	M <sup>2</sup>	0.1256		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	3043.68		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	36.38	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	24.05	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	1.76	< 18.14	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	22.94	--	IS 11255 Part 7:2005, RA 2022

**REMARK/OBSERVATIONS**

- Results are within limit as per prescribed standards.



For HORIZON SERVICES  
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\*\*\*\*End of Test Report\*\*\*\*



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/13
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 3 SO <sub>2</sub> Scrubber (Acid Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	14:30		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	45		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	348		
09	DIFFERENTIAL PRESSURE	MMWC	4.0		
10	VELOCITY	M/Sec	7.63		
11	DIAMETER OF STACK	M	0.85		
12	STACK AREA	M <sup>2</sup>	0.5675		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	13340.13		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	13.38	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	17.57	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	5.63	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 Part 7:2005, RA 2022
18	ACID MIST	mg/Nm <sup>3</sup>	07.98	≤ 35	USEPA Method no.8:2019

**REMARK/OBSERVATIONS**

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



For HORIZON SERVICES

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**STACK EMISSION MONITORING REPORT**

<b>Report No.</b>	: HALPL/REP/25-26/1242A/14
<b>Dated</b>	: 18/10/2025
<b>Inward No.</b>	: CH-0560
<b>Inward Date</b>	: 15/10/2025
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 04 SO <sub>2</sub> Scrubber (DMS Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	15:00		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	328		
09	DIFFERENTIAL PRESSURE	MMWC	3.3		
10	VELOCITY	M/Sec	6.73		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M <sup>2</sup>	0.0176		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	388.67		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	33.38	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	18.94	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	0.17	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 Part 7:2005, RA 2022
18	ACID MIST	mg/Nm <sup>3</sup>	5.87	≤ 35	USEPA Method no.8:2019

**REMARK/OBSERVATIONS**

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- BDL: - Below Detectable Limits.



For HORIZON SERVICES

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**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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**STACK EMISSION MONITORING REPORT**

<b>Report No.</b>	: HALPL/REP/25-26/1242A/15
<b>Dated</b>	: 18/10/2025
<b>Inward No.</b>	: CH-0560
<b>Inward Date</b>	: 15/10/2025
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 05 DES Reactor/SVS Plant		
03	TIME OF SAMPLING (00.00)	Hrs	15:30		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	364		
09	DIFFERENTIAL PRESSURE	MMWC	3.1		
10	VELOCITY	M/Sec	6.87		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M <sup>2</sup>	0.0176		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	357.60		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	26.68	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	30.04	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	0.25	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 Part 7:2005, RA 2022
18	ACID MIST	mg/Nm <sup>3</sup>	7.36	≤ 35	USEPA Method no.8:2019

**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\*\*\*\*



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**STACK EMISSION MONITORING REPORT**

<b>Report No.</b>	: HALPL/REP/25-26/1242A/16
<b>Dated</b>	: 18/10/2025
<b>Inward No.</b>	: CH-0560
<b>Inward Date</b>	: 15/10/2025
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 06 NH <sub>3</sub> Scrubber (DMU Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	15:50		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	12		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	369		
09	DIFFERENTIAL PRESSURE	MMWC	4.4		
10	VELOCITY	M/Sec	8.24		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M <sup>2</sup>	0.0176		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	423.13		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	17.97	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	24.49	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	0.26	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 Part 7:2005, RA 2022
18	ACID MIST	mg/Nm <sup>3</sup>	10.66	≤ 35	USEPA Method no.8:2019
19	AMMONIA (NH <sub>3</sub> )	Mg/Nm <sup>3</sup>	BDL (<5)	≤ 20	IS 11255(Part 6):1999, RA 2019

**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\*\*\*\*



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/17
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 07 Ammonium Sulphate		
03	TIME OF SAMPLING (00.00)	Hrs	15:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	---		
06	STACK HEIGHT	Mtr	12		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	341		
09	DIFFERENTIAL PRESSURE	MMWC	4.0		
10	VELOCITY	M/Sec	7.55		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M <sup>2</sup>	0.0176		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	419.68		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	31.78	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	09.28	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	0.09	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	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  
*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
(Lab Incharge)

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



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/18
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	13/10/2025		
02	TEST LOCATION	--	Stack No/ID- 08 D. G. Set (500 KVA)		
03	TIME OF SAMPLING (00.00)	Hrs	15:45		
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	348		
09	DIFFERENTIAL PRESSURE	MMWC	3.8		
10	VELOCITY	M/Sec	7.44		
11	DIAMETER OF STACK	M	0.25		
12	STACK AREA	M <sup>2</sup>	0.0490		
13	GAS VOLUME	Nm <sup>3</sup> /Hr	1124.77		
14	TOTAL PARTICULATE MATTER	mg/Nm <sup>3</sup>	35.38	< 50.0	IS 11255 (Part 1): 1985, RA 2019
15	SULPHUR DIOXIDE (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	31.89	--	IS 11255 (Part 2): 1985, RA 2019
16	SULPHUR DIOXIDE (SO <sub>2</sub> )	Kg/Day	0.86	--	--
17	OXIDES OF NITROGEN (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	11.29	--	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)



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**NOISE LEVEL MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/19
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	: 13/10/2025

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	DAY TIME	NIGHT TIME
			Readings	Readings
01	Near Main Gate	dB (A)	65.4	60.8
02	Near ETP Area	dB (A)	74.6	54.1
03	Near Boiler House	dB (A)	68.1	63.9
04	In Production Hall	dB (A)	71.8	55.2
05	Near D. G. Set	dB (A)	67.3	61.7

**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\*\*\*\*



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**D.G. NOISE MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1242A/20
Dated	: 18/10/2025
Inward No.	: CH-0560
Inward Date	: 15/10/2025
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	: 13/10/2025

**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)	96.1	70.4		
B	South Side	dB(A)	101.8	75.6		
C	East Side	dB(A)	99.2	71.8		
D	West Side	dB(A)	95.8	73.5		
	<b>AVERAGE</b>	<b>dB(A)</b>	<b>98.2</b>	<b>72.8</b>	<b>25.4</b>	More than 25



For HORIZON SERVICES

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



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### ANALYSIS REPORT

Page 1 of 3

HALPL/LAB/NABL/F/7.8.2.1

<b>CLIENT'S NAME &amp; ADDRESS</b> <b>M/S. AARTI PHARMALABS LTD.</b> <b>(Unit-VI)</b> Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	<b>REPORT NO</b>	HALPL/LAB/WA/04909
	<b>REPORT DATE</b>	17/01/2026
	<b>LAB REFERENCE NO.</b>	HALPL/LAB/WA/1959
	<b>SAMPLING DATE</b>	10/01/2026
	<b>SAMPLE RECEIPT DATE</b>	12/01/2026
	<b>START DATE OF ANALYSIS</b>	12/01/2026
	<b>END DATE OF ANALYSIS</b>	17/01/2026

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 IS 10500	TEST METHOD REFERENCE
01	Colour	CU	0.20	< 5.00	APHA 24 <sup>th</sup> Ed 2023, 2120 C IS 3025(P-5)
02	Odour	---	Agreeable	Agreeable	
03	Taste	---	Agreeable	Agreeable	
04	Turbidity	NTU	0.40	< 1.00	APHA 24 <sup>th</sup> Ed 2023, 2160 B
05	pH	---	8.00	6.5 – 8.5	APHA 24 <sup>th</sup> Ed 2023, 2130 B
06	Total Hardness as CaCO <sub>3</sub>	mg/L	56.00	< 200.0	APHA 24 <sup>th</sup> Ed 2023, 4500-H+B
07	Iron as Fe	mg/L	0.10	< 0.30	APHA 24 <sup>th</sup> Ed 2023, 2340 C
08	Chlorides as Cl <sup>-</sup>	mg/L	26.00	< 250.0	APHA 24 <sup>th</sup> Ed 2023, 3500 Fe B
09	Total Dissolved Solids	mg/L	140.00	< 500.0	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl+B
10	Free Residual Chlorine as Cl	mg/L	0.34	> 0.20	APHA 24 <sup>th</sup> Ed 2023, 2540 C
11	Calcium as Ca	mg/L	7.52	< 75.0	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl B
12	Magnesium as Mg	mg/L	8.80	< 30.0	APHA 24 <sup>th</sup> Ed 2023, 3500 Ca B
13	Copper as Cu	mg/L	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 3500 Mg B
14	Manganese as Mn	mg/L	NIL	< 0.10	APHA 24 <sup>th</sup> Ed 2023, 3111 B
15	Sulphates as SO <sub>4</sub>	mg/L	10.00	< 200.0	APHA 24 <sup>th</sup> Ed 2023, 3111 B
16	Nitrate as NO <sub>3</sub>	mg/L	NIL	< 45.0	APHA 24 <sup>th</sup> Ed 2023, 4500 SO <sub>1</sub> E
17	Fluoride as F <sup>-</sup>	mg/L	NIL	< 1.0	APHA 24 <sup>th</sup> Ed 2023, 4500 NO <sub>3</sub> B
18	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/L	NIL	< 0.001	APHA 24 <sup>th</sup> Ed 2023, 4500-F D
					APHA 24 <sup>th</sup> Ed 2023, 5530 D



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Page 2 of 3

19	Mercury as Hg	mg/L	NIL	< 0.001	APHA 24 <sup>th</sup> Ed 2023, 3112 B
20	Cadmium as Cd	mg/L	NIL	< 0.003	APHA 24 <sup>th</sup> Ed 2023, 3111 B
21	Selenium as Se	mg/L	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3114 B
22	Arsenic as As	mg/L	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3114 B
23	Cyanide as CN	mg/L	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 4500- Cn E
24	Lead as Pb	mg/L	NIL	< 0.01	APHA 24 <sup>th</sup> Ed 2023, 3111 B
25	Zinc as Zn	mg/L	NIL	< 5.0	APHA 24 <sup>th</sup> Ed 2023, 3111 B
26	Anionic detergents (as MBAS)	mg/L	NIL	< 0.2	APHA 24 <sup>th</sup> Ed 2023, 5540 C
27	Total Alkalinity as CaCO <sub>3</sub>	mg/L	60.00	< 200.0	IS 3025 (P-23)
28	Aluminium as Al	mg/L	NIL	< 0.03	APHA 24 <sup>th</sup> Ed 2023, 3500 Al B
29	Polynuclear Aromatic Hydrocarbons as PAH	mg/L	NIL	< 0.0001	APHA 24 <sup>th</sup> Ed 2023, 6440 C
30	Boron as B	mg/L	NIL	< 0.5	APHA 24 <sup>th</sup> Ed 2023, 4500 B B
31	Mineral Oil	mg/L	NIL	ABSENT	IS 3025 (P-39)
32	Hexavalent Chromium as Cr <sup>+6</sup>	mg/L	NIL	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 3500 Cr B
33	Total Chromium as Cr	mg/L	NIL	< 0.05	APHA 24 <sup>th</sup> Ed 2023, 3111 B
34	Chloramines as Cl <sub>2</sub>	mg/L	0.34	< 4.0	IS - 3025 (Part 26)*-196 R-03
35	Nickel as Ni	mg/L	NIL	< 0.02	APHA 24 <sup>th</sup> Ed 2023, 3111 B
36	Molybdenum as Mo	mg/L	NIL	< 0.07	APHA 24 <sup>th</sup> Ed 2023, 3500 Mo
37	Barium as Ba	mg/L	NIL	< 0.7	APHA 24 <sup>th</sup> Ed 2023, 3500 Ba B
38	Silver as Ag	mg/L	NIL	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 3500 Ag B
39	Polychlorinated biphenyls as PCB	mg/L	NIL	< 0.0005	APHA 24 <sup>th</sup> Ed 2023, 6431 C
40	Pesticides	mg/L	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 6630 D
41	Ammonia as NH <sub>3</sub>	mg/L	NIL	< 0.5	IS 3025 (P-34)
42	Cryptosporidium	Org/10 L	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9711 B
43	Giardia	Org/10 L	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9711 B
44	Total Coliform	MPN/100ml	NIL	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9221 B
45	Fecal Coliform	Org/100ml	ABSENT	ABSENT	APHA 24 <sup>th</sup> Ed 2023, 9221 G
46	Trihalomethanes	mg/L	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
46A	Bromoform	mg/L	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
46B	Dibromochloromethane	mg/L	ABSENT	< 0.1	APHA 24 <sup>th</sup> Ed 2023, 6232 C
46C	Bromodichloromethane	mg/L	ABSENT	< 0.06	APHA 24 <sup>th</sup> Ed 2023, 6232 C
46D	Chloroform	mg/L	ABSENT	< 0.20	APHA 24 <sup>th</sup> Ed 2023, 6232 C
47	Pesticides				
a	Alachlor	µg/L	ABSENT	< 20.0	USEPA Method 525.2, 507
b	Atrazine	µg/L	ABSENT	< 2.0	USEPA Method 525.2, 8141 A
c	Aldrin/Dieldrin	µg/L	ABSENT	< 0.03	USEPA Method 508
d	Alpha HCH	µg/L	ABSENT	< 0.01	USEPA Method 508



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

**NOTE: BDL:** Below Detectable Level

**REMARK:** The submitted sample confirms the requirement of IS 10500, for above tested parameters only.



For HORIZON SERVICES

*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
 (Lab Incharge)

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



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### ANALYSIS REPORT

HALPL/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	REPORT DATE
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	HALPL/LAB/WA/04907	17/01/2026
	LAB REFERENCE NO.	HALPL/LAB/WA/1959
	SAMPLING DATE	10/01/2026
	SAMPLE RECEIPT DATE	12/01/2026
	START DATE OF ANALYSIS	12/01/2026
	END DATE OF ANALYSIS	17/01/2026

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	MPCB LIMITS	STANDARD METHODS
01	pH	---	7.12	6.0-8.5	APHA 24 <sup>th</sup> Ed 2023, 4500-H <sup>+</sup> B
02	Total Suspended Solids	mg/L	60.00	< 100.00	APHA 24 <sup>th</sup> Ed 2023, 2540-D
03	Total Dissolved Solids	mg/L	1122.00	< 2100.00	APHA 24 <sup>th</sup> Ed 2023, 2540 C
04	Chemical Oxygen Demand	mg/L	184.70	< 250.00	APHA 24 <sup>th</sup> Ed 2023, 5220- C
05	Biological Oxygen Demand for 3 days at 27°C	mg/L	51.40	≤ 100.00	IS 3025 (P-44)
06	Chlorides as Cl <sup>-</sup>	mg/L	162.00	≤ 600.00	APHA 24 <sup>th</sup> Ed 2023, 4500 Cl B
07	Sulphates as SO <sub>4</sub>	mg/L	100.00	≤ 1000.00	APHA 24 <sup>th</sup> Ed 2023, 4500 SO <sub>4</sub> E
08	Oil & Grease	mg/L	NIL	<10.00	APHA 24 <sup>th</sup> Ed 2023, 5520 B
09	Nitrate as NO <sub>3</sub>	mg/L	4.60	< 50.00	APHA 24 <sup>th</sup> Ed 2023, 4500 NO <sub>3</sub> B
10	Phosphorous as P	mg/L	0.30	<5.00	APHA 24 <sup>th</sup> Ed 2023, 4500- P D

REMARK: All above results are within MPCB 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)

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

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### ANALYSIS REPORT

HALPL/LAB/NABL/F/7.8.2.1

<b>CLIENT'S NAME &amp; ADDRESS</b> M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	<b>REPORT NO</b>	HALPL/LAB/WA/04908
	<b>REPORT DATE</b>	17/01/2026
	<b>LAB REFERENCE NO.</b>	HALPL/LAB/WA/1959
	<b>SAMPLING DATE</b>	10/01/2026
	<b>SAMPLE RECEIPT DATE</b>	12/01/2026
	<b>START DATE OF ANALYSIS</b>	12/01/2026
	<b>END DATE OF ANALYSIS</b>	17/01/2026

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	MPCB LIMITS	TEST METHODS
01	pH	---	7.94	6.6 to 8.5	APHA 24 <sup>th</sup> Ed 2023, 4500-H+B
02	Total Suspended Solids	mg/L	50.00	< 100.00	APHA 24 <sup>th</sup> Ed 2023, 2540-D
03	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	26.00	≤ 30.00	IS 3025 (P-44)

REMARK: All above results are within MPCB Limits.



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.	: HALPL/REP/25-26/1801/1
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10&11/01/2026		
02	Test Location		Near Main Gate		
03	Time Of Sampling	Hrs	10:10		
04	Temperature (Max./Min)	Deg C	31/24		
05	Relative Humidity	% RH	53		
06	Sampling Duration	Hrs	24		
07	Respirable Suspended Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	68.87	≤100	IS 5182(part 23)
08	Fine Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.28	≤60	IS 5182(part 24)
09	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	25.51	≤80	IS 5182 (Part 2): Sec. 1
10	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	29.24	≤80	IS 5182(part 6)
11	Carbon monoxide as CO	mg/m <sup>3</sup>	0.082	≤2.0	IS 5182 (Part 10)
12	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22)
13	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182(part 25)
14	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(part 9)
15	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11)
16	Benzo (a) Pyrene as Ba(a)P	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12)
17	Arsenic as As	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/22:2 021
18	Nickel as Ni	ng/m <sup>3</sup>	BDL (<7)	≤20	IS 5182 (Part 26)

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.	: HALPL/REP/25-26/1801/2
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10&11/01/2026		
02	Test Location		Near D.G. Set		
03	Time Of Sampling	Hrs	10:30		
04	Temperature (Max./Min)	Deg C	31/24		
05	Relative Humidity	% RH	53		
06	Sampling Duration	Hrs	24		
07	Respirable Suspended Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	60.25	≤100	IS 5182(part 23)
08	Fine Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	27.81	≤60	IS 5182(part 24)
09	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	26.79	≤80	IS 5182 (Part 2): Sec.1
10	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	31.53	≤80	IS 5182(part 6)
11	Carbon monoxide as CO	mg/m <sup>3</sup>	0.088	≤2.0	IS 5182 (Part 10)
12	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22)
13	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182(part 25)
14	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(part 9)
15	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11)
16	Benzo (a) Pyrene as Ba(a)P	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12)
17	Arsenic as As	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/2 2:2021
18	Nickel as Ni	ng/m <sup>3</sup>	BDL (<7)	≤20	IS 5182 (Part 26)

**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.	: HALPL/REP/25-26/1801/3
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10&11/01/2026		
02	Test Location		Near MMA Yard		
03	Time Of Sampling	Hrs	10:50		
04	Temperature (Max./Min)	Deg C	31/24		
05	Relative Humidity	% RH	53		
06	Sampling Duration	Hrs	24		
07	Respirable Suspended Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	62.48	≤100	IS 5182(part 23)
08	Fine Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	29.51	≤60	IS 5182(part 24)
09	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	24.28	≤80	IS 5182 (Part 2): Sec. 1
10	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	37.79	≤80	IS 5182(part 6)
11	Carbon monoxide as CO	mg/m <sup>3</sup>	0.095	≤2.0	IS 5182 (Part 10)
12	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.05)	≤1.0	IS 5182 (Part 22)
13	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<30)	≤400	IS 5182(part 25)
14	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	≤100	IS 5182(part 9)
15	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<4)	≤05	IS 5182 (Part 11)
16	Benzo (a) Pyrene as Ba(a)P	ng/m <sup>3</sup>	BDL (<0.5)	≤01	IS 5182 (Part 12)
17	Arsenic as As	ng/m <sup>3</sup>	BDL (<3)	≤06	HALPL/LAB/NABL/AA/22: 2021
18	Nickel as Ni	ng/m <sup>3</sup>	BDL (<7)	≤20	IS 5182 (Part 26)

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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**WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HALPL/REP/25-26/1801/4
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		In Acid Plant		
03	Time of Sampling (00.00)	Hrs.	11:10		
04	Temperature (Max./Min)	Deg C	29/21		
05	Relative Humidity	% RH	48		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	96.74	N.S.	HALPL/LAB/NABL/WZ/10:2015
08	Sulphur Dioxide as SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	28.21	$\leq 5000$	HALPL/LAB/NABL/WZ/12:2015
09	Nitrogen Dioxide as NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	31.59	$\leq 6000$	HALPL/LAB/NABL/WZ/11:2015

**REMARK/OBSERVATIONS:**

- N.S. -Not Specified.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



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.	: HALPL/REP/25-26/1801/5
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		In DMS Plant		
03	Time of Sampling (00.00)	Hrs.	11:30		
04	Temperature (Max./Min)	Deg C	29/21		
05	Relative Humidity	% RH	48		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	µg/m <sup>3</sup>	68.79	N.S.	HALPL/LAB/NABL/WZ /10:2015
08	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	27.88	≤5000	HALPL/LAB/NABL/WZ /12:2015
09	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	24.96	≤6000	HALPL/LAB/NABL/WZ /11:2015
10	Dimethyl Sulphate (DMS)	ppm	BDL (<0.05)	≤0.1*	HALPL/LAB/WZ/58:20 21
11	Methanol	ppm	7.95	≤200	HALPL/LAB/WZ/59:20 21
12	Dimethyl Ether (DME)	ppm	BDL (<33)	N.S.	HALPL/LAB/WZ/61:20 21

**REMARK/OBSERVATIONS:**

- N.S. -Not Specified.
- BDL: - Below Detectable Limits.
- \* Limits are given as per OSHA'S Standard.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



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.	: HALPL/REP/25-26/1801/6
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		In DES Plant		
03	Time of Sampling (00.00)	Hrs.	11:50		
04	Temperature (Max./Min)	Deg C	29/21		
05	Relative Humidity	% RH	48		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	61.36	N.S.	HALPL/LAB/NABL/WZ/10:2015
08	Sulphur Dioxide as SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	27.48	$\leq 5000$	HALPL/LAB/NABL/WZ/12:2015
09	Nitrogen Dioxide as NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	30.94	$\leq 6000$	HALPL/LAB/NABL/WZ/11:2015
10	Ethanol	ppm	BDL (<16)	$\leq 1000$	HALPL/LAB/WZ/60:2021
11	Ammonia as NH <sub>3</sub>	ppm	6.86	$\leq 25$	HALPL/LAB/NABL/WZ/15:2021

**REMARK/OBSERVATIONS:**

- > N.S. -Not Specified.
- > BDL: - Below Detectable Limits.
- > Results satisfy the prescribed standards with specified limits and for tested parameters only.



\*\*\*\*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.	: HALPL/REP/25-26/1801/7
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		In DMU Plant		
03	Time of Sampling (00.00)	Hrs.	12:10		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	44.58	N.S.	HALPL/LAB/NABL/WZ/10:2015
08	Sulphur Dioxide as SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	28.84	$\leq 5000$	HALPL/LAB/NABL/WZ/12:2015
09	Nitrogen Dioxide as NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	BDL (<6)	$\leq 6000$	HALPL/LAB/NABL/WZ/11:2015
10	Ammonia as NH <sub>3</sub>	ppm	8.61	$\leq 25$	HALPL/LAB/NABL/WZ/15:2021

**REMARK/OBSERVATIONS:**

- > N.S. -Not Specified.
- > BDL: - Below Detectable limits.
- > Results satisfy the prescribed standards with specified limits and for tested parameters only.



\*\*\*\*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.	: HALPL/REP/25-26/1801/8
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	:12/01/2026
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	10/01/2026		
02	Test Location		Acid Plant At a time Sulphur Charging		
03	Time of Sampling (00.00)	Hrs.	12:30		
04	Temperature (Max./Min)	Deg C	29/21		
05	Relative Humidity	% RH	48		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	52.88	N.S.	HALPL/LAB/NABL/WZ/10:2015
08	Sulphur Dioxide as SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	23.92	$\leq 5000$	HALPL/LAB/NABL/WZ/12:2015
09	Nitrogen Dioxide as NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	19.79	$\leq 6000$	HALPL/LAB/NABL/WZ/11:2015

**REMARK/OBSERVATIONS:**

- > N.S. -Not Specified.
- > Results satisfy the prescribed standards with specified limits and for tested parameters only.



\*\*\*\*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.	: HALPL/REP/25-26/1801/9
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		Sulphur Storage Yard		
03	Time of Sampling (00.00)	Hrs.	12:50		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	71.86	N.S.	HALPL/LAB/NABL/WZ/10:2015

**REMARK/OBSERVATIONS:**

➤ N.S. -Not Specified.



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.	: HALPL/REP/25-26/1801/10
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location		Ammonium Sulphate Plant		
03	Time of Sampling (00.00)	Hrs.	13:10		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	61.94	N.S.	HALPL/LAB/NABL/WZ/10 :2015
08	Sulphur Dioxide as SO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	47.39	$\leq 5000$	HALPL/LAB/NABL/WZ/12 :2015
09	Nitrogen Dioxide as NO <sub>2</sub>	$\mu\text{g}/\text{m}^3$	32.71	$\leq 6000$	HALPL/LAB/NABL/WZ/11 :2015
10	Ammonia as NH <sub>3</sub>	ppm	10.48	$\leq 25$	HALPL/LAB/NABL/WZ/15 :2021
11	Monomethyl Amine	ppm	BDL (<0.1)	$\leq 10^*$	HALPL/LAB/WZ/62:2021

**REMARK/OBSERVATIONS:**

- N.S. -Not Specified.
- BDL: - Below Detectable limits.
- \* Limits are given as per OSHA'S Standard.
- Results satisfy the prescribed standards with specified limits and for tested parameters only



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

For HORIZON SERVICES

*Manisha Nargolkar*  
MANISHA NARGOLKAR  
(Lab Incharge)



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/11
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 01 Boiler (6 Tons/hr.)		
03	Time Of Sampling (00.00)	Hrs	13:30		
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	428		
09	Differential Pressure	MMWC	4.9		
10	Velocity	M/Sec	8.88		
11	Diameter Of Stack	M	0.80		
12	Stack Area	M <sup>2</sup>	0.5027		
13	Gas Volume	Nm <sup>3</sup> /Hr	11182.47		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	37.58	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	45.84	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	12.30	≤ 288	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	26.18	--	IS 11255 (Part 7)

**REMARK/OBSERVATIONS**

- Results satisfy the prescribed standards with specified limits and for tested parameters only.



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.	: HALPL/REP/25-26/1801/12
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.)		
03	Time Of Sampling (00.00)	Hrs	14:00		
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	421		
09	Differential Pressure	MMWC	5.6		
10	Velocity	M/Sec	9.41		
11	Diameter Of Stack	M	0.4		
12	Stack Area	M <sup>2</sup>	0.1256		
13	Gas Volume	Nm <sup>3</sup> /Hr	3011.72		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	39.59	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	27.18	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	1.96	≤ 18.14	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	28.81	--	IS 11255 (Part 7)

**REMARK/OBSERVATIONS**

➤ Results satisfy the prescribed standards with specified limits and for tested parameters only.



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.	: HALPL/REP/25-26/1801/13
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 3 SO <sub>2</sub> Scrubber (Acid Plant)		
03	Time Of Sampling (00.00)	Hrs	14:30		
04	Material Of Stack	--	MS		
05	Fuel Type	--	--		
06	Stack Height	Mtr	45		
07	Type Of Stack		Round		
08	Flue Gas Temperature	Deg K	351		
09	Differential Pressure	MMWC	4.4		
10	Velocity	M/Sec	7.62		
11	Diameter Of Stack	M	0.85		
12	Stack Area	M <sup>2</sup>	0.5675		
13	Gas Volume	Nm <sup>3</sup> /Hr	13216.98		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	17.49	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	21.68	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	6.88	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 (Part 7)
18	Acid Mist	mg/Nm <sup>3</sup>	10.81	≤ 35	USEPA Method no.8

**REMARK/OBSERVATIONS**

- BDL: - Below Detectable Limits.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



For HORIZON SERVICES  
*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
(Lab Incharge)

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



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/14
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 04 SO <sub>2</sub> Scrubber (DMS Plant)		
03	Time Of Sampling (00.00)	Hrs	15:00		
04	Material Of Stack	--	MS		
05	Fuel Type	--	--		
06	Stack Height	Mtr	9		
07	Type Of Stack		Round		
08	Flue Gas Temperature	Deg K	331		
09	Differential Pressure	MMWC	3.6		
10	Velocity	M/Sec	6.69		
11	Diameter Of Stack	M	0.15		
12	Stack Area	M <sup>2</sup>	0.0176		
13	Gas Volume	Nm <sup>3</sup> /Hr	381.61		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	36.49	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	23.82	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	0.22	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 (Part 7)
18	Acid Mist	mg/Nm <sup>3</sup>	7.94	≤ 35	USEPA Method no.8

**REMARK/OBSERVATIONS**

- BDL: - Below Detectable Limits.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



For HORIZON SERVICES  
*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
(Lab Incharge)

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



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/15
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 05 DES Reactor/SVS Plant		
03	Time Of Sampling (00.00)	Hrs	15:30		
04	Material Of Stack	--	MS		
05	Fuel Type	--	--		
06	Stack Height	Mtr	9		
07	Type Of Stack		Round		
08	Flue Gas Temperature	Deg K	361		
09	Differential Pressure	MMWC	3.6		
10	Velocity	M/Sec	6.99		
11	Diameter Of Stack	M	0.15		
12	Stack Area	M <sup>2</sup>	0.0176		
13	Gas Volume	Nm <sup>3</sup> /Hr	365.59		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	30.89	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	34.13	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	0.30	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 (Part 7)
18	Acid Mist	mg/Nm <sup>3</sup>	10.49	≤ 35	USEPA Method no.8

**REMARK/OBSERVATIONS**

- BDL: - Below Detectable Limits.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



For HORIZON SERVICES

*Manisha Nargolkar*  
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(Lab Incharge)

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



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/16
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 06 NH <sub>3</sub> 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	361		
09	Differential Pressure	MMWC	4.7		
10	Velocity	M/Sec	7.99		
11	Diameter Of Stack	M	0.15		
12	Stack Area	M <sup>2</sup>	0.0176		
13	Gas Volume	Nm <sup>3</sup> /Hr	417.89		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	21.81	< 50.0	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	27.56	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	0.28	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 (Part 7)
18	Acid Mist	mg/Nm <sup>3</sup>	12.78	≤ 35	USEPA Method no.8
19	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	BDL (<12)	≤ 20	IS 11255(Part 6)

**REMARK/OBSERVATIONS**

- BDL: - Below Detectable Limits.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



For HORIZON SERVICES  
*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
(Lab Incharge)

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



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**STACK EMISSION MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/17
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	10/01/2026		
02	Test Location	--	Stack No/ID- 07 Ammonium Sulphate		
03	Time Of Sampling (00.00)	Hrs	16:30		
04	Material Of Stack	--	MS		
05	Fuel Type	--	---		
06	Stack Height	Mtr	12		
07	Type Of Stack		Round		
08	Flue Gas Temperature	Deg K	345		
09	Differential Pressure	MMWC	4.6		
10	Velocity	M/Sec	7.72		
11	Diameter Of Stack	M	0.15		
12	Stack Area	M <sup>2</sup>	0.0176		
13	Gas Volume	Nm <sup>3</sup> /Hr	422.50		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	35.85	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	10.39	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	0.11	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	BDL (<5)	--	IS 11255 (Part 7)

**REMARK/OBSERVATIONS**

- BDL: - Below Detectable Limits.
- Results satisfy the prescribed standards with specified limits and for tested parameters only.



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

For HORIZON SERVICES

*Manisha Nargolkar*  
**MANISHA NARGOLKAR**  
(Lab Incharge)



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**STACK EMISSION MONITORING REPORT**

<b>Report No.</b>	: HALPL/REP/25-26/1801/18
<b>Dated</b>	: 16/01/2026
<b>Inward No.</b>	: CH-0821
<b>Inward Date</b>	: 12/01/2026
<b>Client</b>	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
<b>Site</b>	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
<b>Sample Collected by</b>	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

**RESULTS**

<b>SR. NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>RESULT</b>	<b>LIMITS</b>	<b>TEST METHOD REFERENCE</b>
01	Date Of Sampling	DD/MM/YY	10/01/2026		
02	Test Location	--	Stack No/ID- 08 D. G. Set (500 KVA)		
03	Time Of Sampling (00.00)	Hrs	17:00		
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	352		
09	Differential Pressure	MMWC	3.5		
10	Velocity	M/Sec	6.80		
11	Diameter Of Stack	M	0.25		
12	Stack Area	M <sup>2</sup>	0.0490		
13	Gas Volume	Nm <sup>3</sup> /Hr	1015.50		
14	Particulate Matter as PM	mg/Nm <sup>3</sup>	38.46	< 50	IS 11255 (Part 1)
15	Sulphur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	35.72	--	IS 11255 (Part 2)
16	Sulphur Dioxide as SO <sub>2</sub>	Kg/Day	0.87	--	--
17	Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	23.59	--	IS 11255 (Part 7)

**REMARK/OBSERVATIONS:**

- Results satisfy the prescribed standards with specified limits and for tested parameters only.



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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**NOISE LEVEL MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/19
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	:12/01/2026
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Paighar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.
Date Of Sampling	: 10/01/2026

**RESULTS**

SR. NO.	DESCRIPTION	UNIT	DAY TIME	NIGHT TIME
			Readings	Readings
01	Near Main Gate	dB (A)	64.3	64.5
02	Near ETP Area	dB (A)	73.8	52.2
03	Near Boiler House	dB (A)	69.2	64.7
04	In Production Hall	dB (A)	73.7	58.1
05	Near D. G. Set	dB (A)	65.4	63.4

**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)**

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

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**D.G. NOISE MONITORING REPORT**

Report No.	: HALPL/REP/25-26/1801/20
Dated	: 16/01/2026
Inward No.	: CH-0821
Inward Date	: 12/01/2026
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	: 10/01/2026

**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)	98.4	72.6		
B	South Side	dB(A)	100.2	75.8		
C	East Side	dB(A)	97.3	70.7		
D	West Side	dB(A)	98.7	74.4		
	<b>AVERAGE</b>	<b>dB(A)</b>	<b>98.65</b>	<b>73.38</b>	<b>25.28</b>	More than 25



For HORIZON SERVICES

*Manisha Nargolkar*

**MANISHA NARGOLKAR**  
(Lab Incharge)

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