

Letter No. Letter . APL - VI / Envi. 47 / 2025

Date: 14/05/2025

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

Sub: Regarding the Half-Yearly EC Condition compliance report for the period of October - 2024 to March -2025.

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

Respected Sir,

In reference to the above mentioned subject, we are enclosing herewith the EC condition compliance Report for the period of October - 2024 to March -2025 in respect to the above mentioned reference of Environment clearance for proposed expansion of industrial project at plot No. D 18 MIDC, Tarapur, Dist- Palghar. SEAC-I considered the project under screening category 5(f)-B of EIA Notification 2006.

Yours faithfully



For, Aarti Pharmalabs Limited



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

Encl.

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

CC to:

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

SUB-REGIONAL OFFICE
MAHARASHTRA POLLUTION CONTROL BOARD
TARAPUR, MIDC COLONY, BOISAR,
TALUKA & DIST. PALGHAR, PIN 401 504.
14/05/25
17:18

AARTI PHARMALABS LIMITED

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

Factory : Unit - VI, Plot No. D - 18, M.I.D.C., Tarapur, Taluka & District - Palghar, PIN 401 506, Maharashtra, INDIA, T : +91 81490 65128 / 84460 05129
Admin Office : 204, Udyog Kshetra, 2nd Floor, Mulund - Goregaon Link Road, Mulund (W), Mumbai, PIN - 400 080, Maharashtra, INDIA, T : +91 22 67976666 | F : +91 22 25653234
Regd. Office : Plot No. 22-C/1 & 22-C/2, 1st Phase, G.I.D.C., Vapi 396 195, District - Valsad, Gujarat, INDIA T : +91 260 2400467, +91 99099 94655

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

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

Report for period of Oct 2024 To Mar 2025

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

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 incase of any accident . Leak detection devices shall also be installed at strategic places for early detection and warning .	Industries have identified risk zones and installed sensors at Ammonia, MMA Tank, Hydrocarbon and provided alarm systems.
XV	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act.	Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Last medical checkup was done on 11 th February 2025.
XVI	The company shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling.	The unit has provided a fire hydrant system within premises with water storage capacity of 400 m3.

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.	Industries have conducted regular basis mock drills, Last Mock drills done on 13th February 2025.
XIX	A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards.	Environment Cell / Committee will meet every quarter and will assess / suggest the Improvement on the environment as well as legal conditions of environment and will review the implementation.
XX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department	Industries have installed Online stack monitoring instruments The criteria pollutant levels displayed near the main gate of the company are in the public domain.

XXI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at https://ec.maharashtra.gov.	Environmental clearance and copies of clearance letters are available with the Maharashtra Pollution Control Board and may also be seen at the Website at https://ec.maharashtra.gov.
XXII	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Half yearly compliance reports Submitted regular basis, last report submit on 18/11/2024
XXIII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted & Agreed.

XXIV	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	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.
XXV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Half yearly compliance reports Submitted regular basis, last report submit on 18/11/2024
XXVI	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by email.	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 30/08/2024

Shri. Santosh N. Mule

Industry Representative

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




M/s. Aarti Pharamlabs Limited. (Unit - VI), Plot no.D 18 MIDC Tarapur EC Compliance Report period of October 2024 - March 2025 Environmental Clearance File No.SEIAA-EC-0000000258										
Sr. No.	EC General condition Details		Compliance Status				Remarks			
1	Name of the Project		Proposed Expansion of Synthetic organic chemicals manufacturing unit				Noted and Agreed.			
	Type of institution		Private							
	Name of Project Proponent		M/s. Aarti Pharamlabs 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 Approverl 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.							
1	Sulphuric Acid/Oleum2.5%/Oleum65%/Liquid SO3 (Sulphuric anhydride		Consent Limit 6000 MT/M	October 2024 5828	November 2024 5079	December 2024 5045	January 2025 5040	February 2025 5234	March 2025 2608	Complied : Production Quantities are within the EC limit
2	Dimethyl Sulphate (DMS)		2500 MT/M	1822	1107	1043	1534	1681	891	
3	Diethyl Sulphate (DES)		700 MT/M	404	357	390	296	381	193	
4	Dimethyl Urea (DMU)		600 MT/M	305	268	309	279	170	286	
5	Monomethyl Urea(MMU)		100 MT/M	0	0	0	0	0	0	
6	Sodium Varyl Sulphonate (SVS)		300 MT/M	57	66	93	60	74	70	
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 Aniline		518 MT/M	0	0	0	0	0	0	
11	Captive Power Plant		500 MT/M	0	0	0	0	0	0	
Total Water Requirement:			38502 m3/month		October 2024 13470	November 2024 11416	December 2024 11210	January 2025 11450	February 2025 11426	March 2025 7620

[illegible]

7	Effluent Charactrestics	Sodium Sulphate (28.1)	110 MT/M	36.192	28.600	38.150	28.500	34.200	34.200	Consent-0000221977/CR/2502000709 Issued on 09.02.2025 valid till 31.12.2027 for collection, storage and sale to authorized party pre-processing. (As By Product)	
		Sodium Chloride (28.1)	457 MT/M	0.000	0.000	0.000	11.200	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 2024		January 2025				
		pH	5.5-9.0	---	6.24		6.59				Complied . As per compliance of ZLD flow meters and camera available and online monitored with MPCB and CPCB. Effluent quality monitoring is done quarterly by MoEF approved laboratory (HORIZON services Analytical Laboratory)." The unit had become the Zero liquid discharge unit since 2017. Being a ZLD unit, no effluent is sent to CETP for disconnection of drainage connection issued by MIDC.
		Total Suspended Solids	<=100	mg/l	44		34				
		Total Dissolves Solids	<_2100	mg/l	1548		1360				
		COD	<_250	mg/l	146		128				
		BOD	<_100	mg/l	40.5		44				
8	Occupational health surveillance	Chlorides	<_600	mg/l	57		354			Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Last medical checkup has be done on 11th February 2025.	
		Sulphates as SO4	<_1000	mg/l	46		280				
		Oil & Grease	<_10	mg/l	BDL		BDL				
		Occupational health surveillance of the workers is carried out on half yearly basis and records are maintained as per the factory act. Last medical checkup has been done in Following check up has been carried in periodical medical checkup. - General checkup (height, weight, pulse, BP etc) -Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test, etc.									
		Details of health surveillance of the workers is given below:									
		Date of surveillance				Total number of employees					
		11/02/2025				347 Nos					

9	Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory. Details are given below:							Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.
Stack Emission Details.		Sr. No.	Stack Details	Parameter	Stack height(m)	MPCB Standard	October 2024	January 2025
1	DG Set 500 KVA			SO ₂	4	50 mg/Nm ³	41.08	45.11
				TPM		150 mg/Nm ³	46.71	52.02
				NO _x		50 mg/Nm ³	10.44	8.25
2	Scrubber Process Reactor ACID			TPM	45	150 mg/Nm ³	15.73	8.56
				SO ₂		50 mg/Nm ³	26.96	20.13
				NO _x		50 mg/Nm ³	BDL	BDL
				Acid mist		90 mg/Nm ³	8.12	5.86
3	Boiler (6 Ton /hr.)			TPM	34	150 mg/Nm ³	52.69	58.46
				SO ₂		600 mg/Nm ³	38.72	46.27
				NO _x		50 mg/Nm ³	9.34	6.76
4	Stack Thermo Pac (4 Lac KcalHr)			TPM	22	150 mg/Nm ³	62.56	53.13
				SO ₂		50 mg/Nm ³	43.27	39.47
				NO _x		50 mg/Nm ³	38.41	33.1
5	Stack DMS plant (so2 Scrubber)			TPM	9	150 mg/Nm ³	19.5	10.27
				SO ₂		50 mg/Nm ³	26.53	30.81
				NO _x		50 mg/Nm ³	BDL	BDL
6	Stack DES plant (so2 Scrubber)			TPM	9	150 mg/Nm ³	14.37	11.28
				SO ₂		50 mg/Nm ³	34.21	26.08
				NO _x		50 mg/Nm ³	BDL	BDL
7	Stack DMU Plant (NH3 Scrubber)			TPM	12	150 mg/Nm ³	11.49	8.41
				SO ₂		50 mg/Nm ³	38.05	26.78
				NO _x		50 mg/Nm ³	BDL	BDL
8	Ammonium Sulphate			TPM	12	150 mg/Nm ³	10.36	14.64
				SO ₂		50 mg/Nm ³	5.12	8.29
				NO _x		50 mg/Nm ³	BDL	BDL
9	Sodium Vinyl Sulphonate			TPM	9	150 mg/Nm ³	14.37	11.28
				SO ₂		50 mg/Nm ³	34.21	26.08
				NO _x		50 mg/Nm ³	BDL	BDL

10	Work Zone Ambient Air Quality Monitoring.	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							Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.
		Sr. No.	Station	Parameter	MPCB Standard $\mu\text{gm}/\text{Nm}^3$	October 2024	January 2025		
		1	Near Main Gate	PM 10	100	58.21	45.61		
				PM 2.5	60	24.45	18.33		
				SO2	80	16.74	11.29		
				NOx	80	28.36	24.05		
		2	Near MMA Yard	PM 10	100	68.45	59.16		
				PM 2.5	60	29.95	27.03		
				SO2	80	23.72	18.38		
				NOx	80	26.43	38.22		
		3	Near D.G.Set	PM 10	100	60.74	55.89		
				PM 2.5	60	27.51	21.67		
				SO2	80	19.66	12.56		
				NOx	80	30.45	26.7		
		11	Work Zone Ambient Air Quality Monitoring.						
Sr. No.	Plant			Parameter	Prescribe Limit	October 2024 Results of VOC in PPM	January 2025 Results of VOC in PPM		
1	In Acid Plant			SPM	N.S.	63.15	57.85		
				SO2	<_5000	24.72	21.39		
				NOx	<_6000	9.34	7.23		
				SPM	N.S.	42.75	34.14		
2	In DMS Plant			SO2	<_5000	23.16	19.81		
				NOx	<_6000	15.38	10.16		
				DMS	---	BDL	BDL		
				Methanol	<_200	7.73	4.85		
3	In DES Plant			SPM	N.S.	54.21	41.59		
				SO2	<_5000	28.54	21.05		
				NOx	<_6000	18.73	13.44		

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



Shri. Sanosh N. Mule
Industry Representative
(Aarti Pharmalabs 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 126th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 126th meetings.

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

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

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

22. Production Details

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

23. Total Water Requirement

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

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

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

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

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

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.			

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

34. Energy saving by non-conventional method:

--

36. Detail calculations & % of saving:

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

37. Details of pollution control Systems

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

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

38. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

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

Liquor Ammonia (20%)-1	Existing	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report
Liquor Ammonia (20%)-2	Existing	details given in EIA report	15 KL	15 KL	details given in EIA report	details given in EIA report	details given in EIA report
Caustic Lye	Existing	details given in EIA report	15 KL	15 KL	details given in EIA report	details given in EIA report	details given in EIA report
Ammonia	Existing	details given in EIA report	cylinders	--	details given in EIA report	details given in EIA report	details given in EIA report
Dimethyl sulphate	Proposed	details given in EIA report	130 KL	130 KL	details given in EIA report	details given in EIA report	details given in EIA report
SVS 25% solution	Proposed	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetone	Proposed	details given in EIA report	16 KL	16 KL	details given in EIA report	details given in EIA report	details given in EIA report
Ethanol	Proposed	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
Methanol	Proposed	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetic anhydride	Proposed	details given in EIA report	100 MT	100 MT	details given in EIA report	details given in EIA report	details given in EIA report
Caustic lye	Proposed	details given in EIA report	40 MT	40 MT	details given in EIA report	details given in EIA report	details given in EIA report
Acetic Acid 95%	Proposed	details given in EIA report	100 KL	100 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetic Acid 35%	Proposed	details given in EIA report	50 KL	50 KL	details given in EIA report	details given in EIA report	details given in EIA report
30 % HCL	Proposed	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report

40. Any Other Information

No Information Available

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Maharashtra

XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
XXI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in
XXII	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXIII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
XXIV	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
XXV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXVI	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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ANALYSIS REPORT

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HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.	REPORT NO	HS/LAB/WA/03297
	REPORT DATE	19/10/2024
	LAB REFERENCE NO.	HS/LAB/WA/1326
	SAMPLING DATE	14/10/2024
	SAMPLE RECEIPT DATE	15/10/2024
	START DATE OF ANALYSIS	15/10/2024
	END DATE OF ANALYSIS	19/10/2024

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: 2018	TEST METHOD REFERENCE
1	Colour	Pt/Co	0.08	< 5.00	APHA 24 th Ed 2023, 2120 C
2	Odour	---	Agreeable	Agreeable	IS 3025(P-5):1983 RA 2022
3	Taste	---	Agreeable	Agreeable	APHA 24 th Ed 2023, 2160 B
4	Turbidity	NTU	0.03	< 1.00	APHA 24 th Ed 2023, 2130 B
5	pH	---	6.74	6.5 – 8.5	APHA 24 th Ed 2023, 4500-H*B
6	Total Hardness as CaCO ₃	mg/lit	18.00	< 200.0	APHA 24 th Ed 2023, 2340 C
7	Iron as Fe	mg/lit	0.06	< 0.30	APHA 24 th Ed 2023, 3500 Fe B
8	Chlorides as Cl ⁻	mg/lit	9.00	< 250.0	APHA 24 th Ed 2023, 4500 Cl-B
9	Dissolved Solids	mg/lit	76.00	< 500.0	APHA 24 th Ed 2023, 2540 C
10	Residual Chlorine as Cl	mg/lit	0.24	> 0.20	APHA 24 th Ed 2023, 4500 Cl-B
11	Calcium as Ca	mg/lit	4.00	< 75.0	APHA 24 th Ed 2023, 3500 Ca B
12	Magnesium as Mg	mg/lit	2.00	< 30.0	APHA 24 th Ed 2023, 3500 Mg B
13	Copper as Cu	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 3111 B
14	Manganese as Mn	mg/lit	NIL	< 0.10	APHA 24 th Ed 2023, 3111 B
15	Sulphates as SO ₄	mg/lit	6.00	< 200.0	APHA 24 th Ed 2023, 4500 SO ₄ E
16	Nitrate as NO ₃	mg/lit	NIL	< 45.0	APHA 24 th Ed 2023, 4500 NO ₃ B
17	Fluoride as F ⁻	mg/lit	NIL	< 1.0	APHA 24 th Ed 2023, 4500-F- D
18	Phenolic Compounds as C ₆ H ₅ OH	mg/lit	NIL	< 0.001	APHA 24 th Ed 2023, 5530 D



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19	Mercury as Hg	mg/lit	NIL	< 0.001	APHA 24 th Ed 2023, 3112 B
20	Cadmium as Cd	mg/lit	NIL	< 0.003	APHA 24 th Ed 2023, 3111 B
21	Selenium as Se	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3114 B
22	Arsenic as As	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3114 B
23	Cyanide as CN	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 4500- Cn E
24	Lead as Pb	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3111 B
25	Zinc as Zn	mg/lit	NIL	< 5.0	APHA 24 th Ed 2023, 3111 B
26	Anionic detergents (as MBAS)	mg/lit	NIL	< 0.2	APHA 24 th Ed 2023, 5540 C
27	Alkalinity as CaCO ₃	mg/lit	16.00	< 200.0	IS 3025 (P-23):2003
28	Aluminium as Al	mg/lit	NIL	< 0.03	APHA 24 th Ed 2023, 3500 Al B
29	Pesticides	mg/lit	NIL	ABSENT	APHA 24 th Ed 2023, 6630 D
30	Polynuclear Aromatic Hydrocarbons as PAH	mg/lit	NIL	< 0.0001	APHA 24 th Ed 2023, 6440 C
31	Boron as B	mg/lit	NIL	< 0.5	APHA 24 th Ed 2023, 4500 B B
32	Mineral Oil	mg/lit	NIL	ABSENT	IS 3025 (P-39), 1991
33	Chromium as Cr+6	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 3500 Cr B
34	Total Chromium as Cr	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 3111 B
35	Chloramines as Cl ₂	mg/lit	0.24	< 4.0	IS - 3025 (Part 26)*-196 R-03
36	Nickel as Ni	mg/lit	NIL	< 0.02	APHA 24 th Ed 2023, 3111 B
37	Molybdenum as Mo	mg/lit	NIL	< 0.07	APHA 24 th Ed 2023, 3500 Mo
38	Barium as Ba	mg/lit	NIL	< 0.7	APHA 24 th Ed 2023, 3500 Ba B
39	Silver as Ag	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 3500 Ag B
40	Polychlorinated biphenyls as PCB	mg/lit	NIL	< 0.0005	APHA 24 th Ed 2023, 6431 C
41	Trihalomethanes	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 6232 D
42	Pesticides	mg/lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 6630 D
43	Total Ammonia as N	mg/lit	NIL	< 0.5	IS 3025 (P-34):2009
44	Cryptosporidium	Org/10 lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 9711 B
44A	Giardia	Org/10 lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 9711 B
45	Total Coliform	MPN/100ml	NIL	ABSENT	APHA 24 th Ed 2023, 9221 B
45A	Fecal Coliform	Org/100ml	ABSENT	ABSENT	APHA 24 th Ed 2023, 9221 G
47	Trihalomethanes	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47A	Bromoform	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47B	Dibromochloromethane	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47C	Bromodichloromethane	mg/lit	ABSENT	< 0.06	APHA 24 th Ed 2023, 6232 C
47D	Chloroform	mg/lit	ABSENT	< 0.20	APHA 24 th Ed 2023, 6232 C
48	Pesticides				
a	Alachlor	µg/lit	ABSENT	< 20.0	USEPA Method 525.2, 507
b	Atrazine	µg/lit	ABSENT	< 2.0	USEPA Method 525.2, 8141 A
c	Aldrin/Dieldrin	µg/lit	ABSENT	< 0.03	USEPA Method 508
d	Alpha HCH	µg/lit	ABSENT	< 0.01	USEPA Method 508



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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	< 0.04	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	< 0.03	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 10500:2018, above water sample is chemically and bacteriologically potable with respect to above parameters.
- BDL: Below Detectable Limit, NS: Not Specified



For **HORIZON SERVICES**

Manoj Kumar

(LAB INCHARGE)



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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT NO	HS/LAB/WA/03298
	DATED	19/10/2024
	LAB REFERENCE NO	HS/LAB/WA/1326
	DATE OF SAMPLING	14/10/2024
	SAMPLE RECEIPT DATE	15/10/2024
	START DATE OF ANALYSIS	15/10/2024
	END DATE OF ANALYSIS	19/10/2024

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	---	6.24	6.0-8.5	APHA 24 th Ed 2023, 4500-H + B
02	Total Suspended Solids	mg/lit	44.00	≤ 100.00	APHA 24 th Ed 2023, 2540-D
03	Total Dissolved Solids	mg/lit	1548.00	≤ 2100.00	APHA 24 th Ed 2023, 2540 C
04	Chemical Oxygen Demand	mg/lit	146.00	≤ 250.00	APHA 24 th Ed 2023, 5220- C
05	BOD 3 days at 27°C	mg/lit	40.50	≤ 100.00	IS 3025 (P 44) RA 2023
06	Chloride as Cl ⁻	mg/lit	57.00	≤ 600.00	APHA 24 th Ed 2023, 4500 Cl B
07	Sulphates as SO ₄ ---	mg/lit	46.00	≤ 1000.00	APHA 24 th Ed 2023, 4500 SO4 E
08	Oil & Grease	mg/lit	BDL	≤ 10.00	APHA 24 th Ed 2023, 5520 B
09	Nitrate as NH ₃	mg/lit	0.39	< 50.00	APHA 24 th Ed 2023, 4500 NO ₃ B
10	Phosphate	mg/lit	BDL	< 5.00	APHA 24 th Ed 2023, 4500- P D,

REMARK: 1. All above results are within the limits.
2. BDL: Below Detectable Limit



For HORIZON SERVICES

M. Nargolkar
(LAB INCHARGE)



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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/03299
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT DATE	19/10/2024
	LAB REFERENCE NO.	HS/LAB/WA/1326
	SAMPLING DATE	14/10/2024
	SAMPLE RECEIPT DATE	15/10/2024
	START DATE OF ANALYSIS	15/10/2024
	END DATE OF ANALYSIS	19/10/2024

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	---	7.35	6.6 to 8.5	APHA 24 th Ed 2023, 4500-H+B
02	Total Suspended Solids	mg/lit	37.00	≤ 100.00	APHA 24 th Ed 2023, 2540-D
03	Biochemical Oxygen Demand for 3 days at 27°C	mg/lit	20.00	≤ 30.00	IS 3025 (P 44) RA 2023

REMARK: All above results are within the Limits.



For HORIZON SERVICES

menagana
(LAB INCHARGE)



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/1
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar, Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14&15/10/2024		
02	TEST LOCATION		Near Main Gate		
03	TIME OF SAMPLING	Hrs	10:00		
04	TEMPERATURE (Max./Min)	Deg C	33/26		
05	RELATIVE HUMIDITY	% RH	60		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	58.21	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	24.45	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	16.74	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	28.36	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.091	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	Ni ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Crone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Pb _{2e}	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006



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16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



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

For **HORIZON SERVICES**


MANISHA NARGOLKAR
(Lab Incharge)



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/2
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14&15/10/2024		
02	TEST LOCATION		Near D.G. Set		
03	TIME OF SAMPLING	Hrs	10:20		
04	TEMPERATURE (Max./Min)	Deg C	33/26		
05	RELATIVE HUMIDITY	% RH	60		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	60.74	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	27.51	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	19.66	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	30.45	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.082	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006



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16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For **HORIZON SERVICES**

F MANISHA NARGOLKAR
(Lab Incharge)

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



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/3
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14&15/10/2024		
02	TEST LOCATION		Near MMA Yard		
03	TIME OF SAMPLING	Hrs	10:40		
04	TEMPERATURE (Max./Min)	Deg C	33/26		
05	RELATIVE HUMIDITY	% RH	60		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	68.45	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	29.95	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	23.72	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	26.43	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.079	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006



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16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES


FMANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/4
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		In Acid Plant		
03	Time of Sampling (00.00)	Hrs.	11:00		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	63.15	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	24.72	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	9.34	≤ 6000	HS/LAB/NABL/WZ/11

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES


FMANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/5
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
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	FACTOIRIE S ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		In DMS Plant		
03	Time of Sampling (00.00)	Hrs.	11:20		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	42.75	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	23.16	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	15.38	≤ 6000	HS/LAB/NABL/WZ/11
10	Dimethyl Sulphate (DMS)	ppm	BDL (<0.05)	$\leq 0.1^*$	NIOSH METHOD NO. 2524
11	Methanol	ppm	7.73	≤ 200	NIOSH METHOD NO. 2000
12	Dimethyl Ether (DME)	ppm	BDL (<33)	N.S.	NIOSH METHOD NO. 1610

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES


F MANISHA NARGOLKAR
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****End of Test Report****



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/6
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		In DES Plant		
03	Time of Sampling (00.00)	Hrs.	11:40		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	54.21	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	28.54	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	18.73	≤ 6000	HS/LAB/NABL/WZ/11
10	Methanol	ppm	2.96	≤ 200	NIOSH METHOD NO. 2000
11	Ammonia	ppm	4.09	≤ 25	HS/LAB/NABL/WZ/15

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES


FMANISHA NARGOLKAR
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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/7
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		In DMU Plant		
03	Time of Sampling (00.00)	Hrs.	12:00		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	62.05	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	23.74	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	BDL (<5)	≤ 6000	HS/LAB/NABL/WZ/11
10	Ammonia	ppm	8.56	≤ 25	HS/LAB/NABL/WZ/15

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES


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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/8
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
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	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	42.58	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	13.88	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	16.69	≤ 6000	HS/LAB/NABL/WZ/11

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES


F MANISHA NARGOLKAR
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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/9
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		Sulphur Storage Yard		
03	Time of Sampling (00.00)	Hrs.	12:40		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	56.23	N.S.	HS/LAB/NABL/WZ/10

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES


FMANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/2201/10
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	14/10/2024		
02	Test Location		Ammonium Sulphate Plant		
03	Time of Sampling (00.00)	Hrs.	13:00		
04	Temperature (Max./Min)	Deg C	28/21		
05	Relative Humidity	% RH	52		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	32.75	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	29.35	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	21.47	≤ 6000	HS/LAB/NABL/WZ/11
10	Ammonia	ppm	3.76	≤ 25	HS/LAB/NABL/WZ/15
11	Monomethyl Amine	ppm	BDL (<0.1)	$\leq 10^*$	OSHA's Method No. 40

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES


F MANISHA NARGOLKAR
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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/11
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 01 Boiler (6 Tons/hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	13:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	Coal		
06	STACK HEIGHT	Mtr	34		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	446		
09	DIFFERENTIAL PRESSURE	MMWC	3.20		
10	VELOCITY	M/Sec	7.32		
11	DIAMETER OF STACK	M	0.80		
12	STACK AREA	M ²	0.5027		
13	GAS VOLUME	Nm ³ /Hr	8851.23		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	52.69	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	38.72	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	8.22	≤ 144	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	9.34	--	IS 11255 part 7:2005, RA 2022

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



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

For HORIZON SERVICES


FMANISHA NARGOLKAR
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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/12
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	13:50		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	F.O.		
06	STACK HEIGHT	Mtr	22		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	354		
09	DIFFERENTIAL PRESSURE	MMWC	3.4		
10	VELOCITY	M/Sec	6.73		
11	DIAMETER OF STACK	M	0.4		
12	STACK AREA	M ²	0.1256		
13	GAS VOLUME	Nm ³ /Hr	2561.65		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	62.56	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	43.27	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	2.66	≤ 144	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	38.41	--	IS 11255 part 7:2005, RA 2022

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



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

For HORIZON SERVICES

FMANISHA NARGOLKAR
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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/13
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 3 SO ₂ Scrubber (Acid Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	14:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	45		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	352		
09	DIFFERENTIAL PRESSURE	MMWC	3.4		
10	VELOCITY	M/Sec	6.71		
11	DIAMETER OF STACK	M	0.85		
12	STACK AREA	M ²	0.5675		
13	GAS VOLUME	Nm ³ /Hr	11605.51		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	15.73	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	26.96	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	7.50	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	8.12	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



For HORIZON SERVICES


F MANISHA NARGOLKAR
(Lab Incharge)

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



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

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/14
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 04 SO ₂ Scrubber (DMS Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	14:50		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	371		
09	DIFFERENTIAL PRESSURE	MMWC	2.9		
10	VELOCITY	M/Sec	6.36		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	323.67		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	19.50	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	26.53	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.20	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	5.68	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

F MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/15
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 05 DES Reactor/SVS Plant		
03	TIME OF SAMPLING (00.00)	Hrs	15:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	353		
09	DIFFERENTIAL PRESSURE	MMWC	3.8		
10	VELOCITY	M/Sec	7.10		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	379.76		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	14.37	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	34.21	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.31	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	7.92	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/16
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 06 NH ₃ 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	361		
09	DIFFERENTIAL PRESSURE	MMWC	4.3		
10	VELOCITY	M/Sec	7.64		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	399.59		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	11.49	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	38.05	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.36	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	13.48	≤ 35	USEPA Method no.8

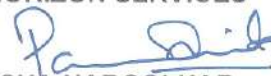
REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES


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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/17
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
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	330		
09	DIFFERENTIAL PRESSURE	MMWC	3.9		
10	VELOCITY	M/Sec	6.95		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	397.65		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	24.76	< 150.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	6.98	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.06	< 50.0	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

F MANISHA NARGOLKAR
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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/2201/21
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	14/10/2024		
02	TEST LOCATION	--	Stack No/ID- 08 D. G. Set (500 KVA)		
03	TIME OF SAMPLING (00.00)	Hrs	18:00		
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	373		
09	DIFFERENTIAL PRESSURE	MMWC	2.5		
10	VELOCITY	M/Sec	6.24		
11	DIAMETER OF STACK	M	0.25		
12	STACK AREA	M ²	0.0490		
13	GAS VOLUME	Nm ³ /Hr	881.21		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	46.71	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	41.08	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.87	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	10.44	--	IS 11255 part 7:2005, RA 2022)

REMARK/OBSERVATIONS:

➤ Results are within limit as per prescribed standards.



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

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



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NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/24-25/2201/19
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.
Date Of Sampling	: 14/10/2024

RESULTS

SR. NO.	DESCRIPTION	UNIT	DAY TIME	NIGHT TIME
			Readings	Readings
01	Near Main Gate	dB (A)	66.4	52.5
02	Near ETP Area	dB (A)	65.2	50.1
03	Near Boiler House	dB (A)	70.6	65.3
04	In Production Hall	dB (A)	72.3	68.7
05	Near D. G. Set	dB (A)	69.5	63.9

REMARK/OBSERVATIONS

Limits:

≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

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

In Plant ≤90 dB (A)

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

REMARK/OBSERVATIONS:

Results are within limit as per prescribed standards.



For HORIZON SERVICES

F MANISHA NARGOLKAR
(Lab Incharge)

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



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D.G. NOISE MONITORING REPORT

Report No.	: HS/REP/24-25/2201/20
Dated	: 21/10/2024
Inward No.	: CH-1254
Inward Date	: 16/10/2024
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.
Date Of Sampling	: 14/10/2024

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)	97.5	72.3		
B	South Side	dB(A)	99.8	73.4		
C	East Side	dB(A)	100.7	75.1		
D	West Side	dB(A)	98.4	73.2		
	AVERAGE	dB(A)	99.10	73.50	25.60	More than 25



For HORIZON SERVICES

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



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/1
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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&14/01/2025		
02	TEST LOCATION		Near Main Gate		
03	TIME OF SAMPLING	Hrs	10:30		
04	TEMPERATURE (Max./Min)	Deg C	32/23		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	51.94	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	20.16	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	11.34	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	24.19	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.081	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006
16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

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



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/2
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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&14/01/2025		
02	TEST LOCATION		Near D.G. Set		
03	TIME OF SAMPLING	Hrs	10:50		
04	TEMPERATURE (Max./Min)	Deg C	32/23		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	56.25	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	25.62	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	16.85	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	28.16	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.089	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006
16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

Manisha Nargolkar

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(Lab Incharge)

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



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/3
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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&14/01/2025		
02	TEST LOCATION		Near MMA Yard		
03	TIME OF SAMPLING	Hrs	11:20		
04	TEMPERATURE (Max./Min)	Deg C	32/23		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	62.19	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	µg/m ³	27.05	≤60	IS 5182(part 24):2019
09	SO ₂	µg/m ³	17.77	≤80	IS 5182(part 2):2023
10	NO ₂	µg/m ³	30.91	≤80	IS 5182(part 6):2006 RA 2022
11	CO (8 Hrs)	mg/m ³	0.090	≤2.0	IS 5182 (Part 10):1999 RA 2019
12	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182 (Part 22):2004, RA 2019
13	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25):2018
14	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
15	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006
16	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004
17	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22
18	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26):2020

NAAQS – National Ambient Air Quality Standards (2009)

BDL- Below detectable level



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/4
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		In Acid 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	$\mu\text{g}/\text{m}^3$	78.26	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	27.37	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	13.45	≤ 6000	HS/LAB/NABL/WZ/11

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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

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

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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/5
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		In DMS Plant		
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	$\mu\text{g}/\text{m}^3$	53.75	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	27.20	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	19.45	≤ 6000	HS/LAB/NABL/WZ/11
10	Dimethyl Sulphate (DMS)	ppm	BDL (<0.05)	$\leq 0.1^*$	NIOSH METHOD NO. 2524
11	Methanol	ppm	10.16	≤ 200	NIOSH METHOD NO. 2000
12	Dimethyl Ether (DME)	ppm	BDL (<33)	N.S.	NIOSH METHOD NO. 1610

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/6
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		In DES Plant		
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	$\mu\text{g}/\text{m}^3$	61.43	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	24.75	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	22.64	≤ 6000	HS/LAB/NABL/WZ/11
10	Methanol	ppm	3.31	≤ 200	NIOSH METHOD NO. 2000
11	Ammonia	ppm	2.95	≤ 25	HS/LAB/NABL/WZ/15

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

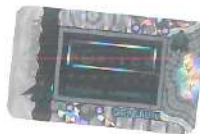
Report No.	: HS/REP/24-25/3234/7
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
Client	: M/S. AARTI PHARMALABS LTD. (UNIT-VI)
Site	: Plot No. D- 18, MIDC, Tarapur, Boisar. Tal & Dist. Palghar.
Sample Collected by	: M/S. SHREE CHAKRAPANI ENVIRONMENTAL CONSULTANT.

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	FACTORIES ACT LIMITS (1948)	TEST METHOD REFERENCE
01	Date of Sampling	DD/MM/YY	13/01/2025		
02	Test Location		In DMU 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	SPM	$\mu\text{g}/\text{m}^3$	56.95	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	20.89	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	BDL (<5)	≤ 6000	HS/LAB/NABL/WZ/11
10	Ammonia	ppm	6.97	≤ 25	HS/LAB/NABL/WZ/15

REMARK/OBSERVATIONS:

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



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

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/8
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		Acid Plant At a time Sulphur Charging		
03	Time of Sampling (00.00)	Hrs.	13:30		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	48.37	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	18.45	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	22.68	≤ 6000	HS/LAB/NABL/WZ/11

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

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



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WORKZONE AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3234/9
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		Sulphur Storage Yard		
03	Time of Sampling (00.00)	Hrs.	14:00		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	61.44	N.S.	HS/LAB/NABL/WZ/10

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.	: HS/REP/24-25/3234/10
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	Test Location		Ammonium Sulphate Plant		
03	Time of Sampling (00.00)	Hrs.	14:20		
04	Temperature (Max./Min)	Deg C	30/22.5		
05	Relative Humidity	% RH	49		
06	Sampling Duration	Hrs.	8		
07	SPM	$\mu\text{g}/\text{m}^3$	44.50	N.S.	HS/LAB/NABL/WZ/10
08	SO ₂	$\mu\text{g}/\text{m}^3$	33.44	≤ 5000	HS/LAB/NABL/WZ/12
09	NO ₂	$\mu\text{g}/\text{m}^3$	18.79	≤ 6000	HS/LAB/NABL/WZ/11
10	Ammonia	ppm	5.85	≤ 25	HS/LAB/NABL/WZ/15
11	Monomethyl Amine	ppm	BDL (<0.1)	$\leq 10^*$	OSHA's Method No. 40

REMARK/OBSERVATIONS:

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



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

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



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/11
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 01 Boiler (6 Tons/hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	14:40		
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	455		
09	DIFFERENTIAL PRESSURE	MMWC	4.2		
10	VELOCITY	M/Sec	8.48		
11	DIAMETER OF STACK	M	0.80		
12	STACK AREA	M ²	0.5027		
13	GAS VOLUME	Nm ³ /Hr	10051.06		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	45.20	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	29.64	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	7.14	≤ 288.0	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	6.95	--	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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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/12
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 02 Thermo Pac (4 Lac Kcal/Hr.)		
03	TIME OF SAMPLING (00.00)	Hrs	15:10		
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	362		
09	DIFFERENTIAL PRESSURE	MMWC	5.5		
10	VELOCITY	M/Sec	8.65		
11	DIAMETER OF STACK	M	0.4		
12	STACK AREA	M ²	0.1256		
13	GAS VOLUME	Nm ³ /Hr	3219.70		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	39.18	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	34.85	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	2.69	≤ 18.14	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	30.84	--	IS 11255 part 7:2005, RA 2022

REMARK/OBSERVATIONS

- Results are within limit as per prescribed standards.



For HORIZON SERVICES
Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)

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



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

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/13
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 3 SO ₂ Scrubber (Acid Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	15:40		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	45		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	358		
09	DIFFERENTIAL PRESSURE	MMWC	4.7		
10	VELOCITY	M/Sec	7.95		
11	DIAMETER OF STACK	M	0.85		
12	STACK AREA	M ²	0.5675		
13	GAS VOLUME	Nm ³ /Hr	13519.75		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	24.31	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	20.46	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	6.63	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	11.59	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/14
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 04 SO ₂ Scrubber (DMS Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	16:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	385		
09	DIFFERENTIAL PRESSURE	MMWC	3.7		
10	VELOCITY	M/Sec	7.32		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	358.98		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	26.48	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	22.75	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.19	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	8.43	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/15
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 05 DES Reactor/SVS Plant		
03	TIME OF SAMPLING (00.00)	Hrs	16:40		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	9		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	369		
09	DIFFERENTIAL PRESSURE	MMWC	2.7		
10	VELOCITY	M/Sec	6.12		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	313.15		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	18.51	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	30.66	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.23	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	9.42	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)



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

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

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/16
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 06 NH ₃ Scrubber (DMU Plant)		
03	TIME OF SAMPLING (00.00)	Hrs	17:20		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	--		
06	STACK HEIGHT	Mtr	12		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	376		
09	DIFFERENTIAL PRESSURE	MMWC	5.5		
10	VELOCITY	M/Sec	8.82		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	442.90		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	19.40	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	32.70	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.34	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)
18	ACID MIST	mg/Nm ³	15.27	≤ 35	USEPA Method no.8

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/17
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 07 Ammonium Sulphate		
03	TIME OF SAMPLING (00.00)	Hrs	17:40		
04	MATERIAL OF STACK	--	MS		
05	FUEL TYPE	--	---		
06	STACK HEIGHT	Mtr	12		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg K	338		
09	DIFFERENTIAL PRESSURE	MMWC	4.7		
10	VELOCITY	M/Sec	7.73		
11	DIAMETER OF STACK	M	0.15		
12	STACK AREA	M ²	0.0176		
13	GAS VOLUME	Nm ³ /Hr	431.81		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	28.14	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	4.55	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.04	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	BDL (<5)	--	IS 11255 part 7:2005, RA 2022)

REMARK/OBSERVATIONS

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



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

For HORIZON SERVICES

Manisha Nargolkar
MANISHA NARGOLKAR
(Lab Incharge)



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3234/18
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	13/01/2025		
02	TEST LOCATION	--	Stack No/ID- 08 D. G. Set (500 KVA)		
03	TIME OF SAMPLING (00.00)	Hrs	16:00		
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	365		
09	DIFFERENTIAL PRESSURE	MMWC	3.7		
10	VELOCITY	M/Sec	7.12		
11	DIAMETER OF STACK	M	0.25		
12	STACK AREA	M ²	0.0490		
13	GAS VOLUME	Nm ³ /Hr	1025.42		
14	TOTAL PARTICULATE MATTER	mg/Nm ³	40.55	< 50.0	IS 11255 (Part 1):1985, RA 2019
15	SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	32.18	--	IS 11255 (Part 2):1985, RA 2019
16	SULPHUR DIOXIDE (SO ₂)	Kg/Day	0.79	--	--
17	OXIDES OF NITROGEN (NO _x)	mg/Nm ³	12.65	--	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.	: HS/REP/24-25/3234/19
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	: 13/01/2025

RESULTS

SR. NO.	DESCRIPTION	UNIT	DAY TIME	NIGHT TIME
			Readings	Readings
01	Near Main Gate	dB (A)	68.7	56.5
02	Near ETP Area	dB (A)	67.3	51.8
03	Near Boiler House	dB (A)	70.8	65.3
04	In Production Hall	dB (A)	69.1	68.7
05	Near D. G. Set	dB (A)	71.9	65.3

REMARK/OBSERVATIONS

Limits:

≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

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

In Plant ≤90 dB (A)

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

REMARK/OBSERVATIONS:

Results are within limit as per prescribed standards.



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

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



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

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D.G. NOISE MONITORING REPORT

Report No.	: HS/REP/24-25/3234/20
Dated	: 20/01/2025
Inward No.	: CH-1630
Inward Date	: 15/01/2025
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	: 13/01/2025

RESULTS

SR. NO.	TEST LOCATION	UNIT	READINGS			STANDARDS
			Door Open	Closed Door	Insertion Loss	
1	D. G. Set (500 KVA)					
A	North Side	dB(A)	99.3	73.5		
B	South Side	dB(A)	97.8	72.2		
C	East Side	dB(A)	98.4	71.3		
D	West Side	dB(A)	100.8	74.6		
	AVERAGE	dB(A)	99.08	72.90	26.18	More than 25



For HORIZON SERVICES

Manisha Nargolkar

MANISHA NARGOLKAR
(Lab Incharge)

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



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ANALYSIS REPORT

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HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT NO	HS/LAB/WA/05261
	REPORT DATE	20/01/2025
	LAB REFERENCE NO.	HS/LAB/WA/1976
	SAMPLING DATE	13/01/2025
	SAMPLE RECEIPT DATE	14/01/2025
	START DATE OF ANALYSIS	14/01/2025
	END DATE OF ANALYSIS	20/01/2025

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: 2018	TEST METHOD REFERENCE
1	Colour	Pt/Co	0.14	< 5.00	APHA 24 th Ed 2023, 2120 C
2	Odour	---	Agreeable	Agreeable	IS 3025(P-5):1983 RA 2022
3	Taste	---	Agreeable	Agreeable	APHA 24 th Ed 2023, 2160 B
4	Turbidity	NTU	0.40	< 1.00	APHA 24 th Ed 2023, 2130 B
5	pH	---	7.10	6.5 – 8.5	APHA 24 th Ed 2023, 4500-H ⁺ B
6	Total Hardness as CaCO ₃	mg/lit	24.00	< 200.0	APHA 24 th Ed 2023, 2340 C
7	Iron as Fe	mg/lit	0.07	< 0.30	APHA 24 th Ed 2023, 3500 Fe B
8	Chlorides as Cl ⁻	mg/lit	8.00	< 250.0	APHA 24 th Ed 2023, 4500 Cl-B
9	Dissolved Solids	mg/lit	70.00	< 500.0	APHA 24 th Ed 2023, 2540 C
10	Residual Chlorine as Cl	mg/lit	0.21	> 0.20	APHA 24 th Ed 2023, 4500 Cl-B
11	Calcium as Ca	mg/lit	3.00	< 75.0	APHA 24 th Ed 2023, 3500 Ca B
12	Magnesium as Mg	mg/lit	4.00	< 30.0	APHA 24 th Ed 2023, 3500 Mg B
13	Copper as Cu	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 3111 B
14	Manganese as Mn	mg/lit	NIL	< 0.10	APHA 24 th Ed 2023, 3111 B
15	Sulphates as SO ₄	mg/lit	5.00	< 200.0	APHA 24 th Ed 2023, 4500 SO ₄ E
16	Nitrate as NO ₃	mg/lit	NIL	< 45.0	APHA 24 th Ed 2023, 4500 NO ₃ B
17	Fluoride as F ⁻	mg/lit	NIL	< 1.0	APHA 24 th Ed 2023, 4500-F- D
18	Phenolic Compounds as C ₆ H ₅ OH	mg/lit	NIL	< 0.001	APHA 24 th Ed 2023, 5530 D



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19	Mercury as Hg	mg/lit	NIL	< 0.001	APHA 24 th Ed 2023, 3112 B
20	Cadmium as Cd	mg/lit	NIL	< 0.003	APHA 24 th Ed 2023, 3111 B
21	Selenium as Se	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3114 B
22	Arsenic as As	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3114 B
23	Cyanide as CN	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 4500- Cn E
24	Lead as Pb	mg/lit	NIL	< 0.01	APHA 24 th Ed 2023, 3111 B
25	Zinc as Zn	mg/lit	NIL	< 5.0	APHA 24 th Ed 2023, 3111 B
26	Anionic detergents (as MBAS)	mg/lit	NIL	< 0.2	APHA 24 th Ed 2023, 5540 C
27	Alkalinity as CaCO ₃	mg/lit	32.00	< 200.0	IS 3025 (P-23):2003
28	Aluminium as Al	mg/lit	NIL	< 0.03	APHA 24 th Ed 2023, 3500 Al B
29	Pesticides	mg/lit	NIL	ABSENT	APHA 24 th Ed 2023, 6630 D
30	Polynuclear Aromatic Hydrocarbons as PAH	mg/lit	NIL	< 0.0001	APHA 24 th Ed 2023, 6440 C
31	Boron as B	mg/lit	NIL	< 0.5	APHA 24 th Ed 2023, 4500 B B
32	Mineral Oil	mg/lit	NIL	ABSENT	IS 3025 (P-39), 1991
33	Chromium as Cr+6	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 3500 Cr B
34	Total Chromium as Cr	mg/lit	NIL	< 0.05	APHA 24 th Ed 2023, 3111 B
35	Chloramines as Cl ₂	mg/lit	0.21	< 4.0	IS - 3025 (Part 26)*-196 R-03
36	Nickel as Ni	mg/lit	NIL	< 0.02	APHA 24 th Ed 2023, 3111 B
37	Molybdenum as Mo	mg/lit	NIL	< 0.07	APHA 24 th Ed 2023, 3500 Mo
38	Barium as Ba	mg/lit	NIL	< 0.7	APHA 24 th Ed 2023, 3500 Ba B
39	Silver as Ag	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 3500 Ag B
40	Polychlorinated biphenyls as PCB	mg/lit	NIL	< 0.0005	APHA 24 th Ed 2023, 6431 C
41	Trihalomethanes	mg/lit	NIL	< 0.1	APHA 24 th Ed 2023, 6232 D
42	Pesticides	mg/lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 6630 D
43	Total Ammonia as N	mg/lit	NIL	< 0.5	IS 3025 (P-34):2009
44	Cryptosporidium	Org/10 lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 9711 B
44A	Giardia	Org/10 lit	ABSENT	ABSENT	APHA 24 th Ed 2023, 9711 B
45	Total Coliform	MPN/100ml	NIL	ABSENT	APHA 24 th Ed 2023, 9221 B
45A	Fecal Coliform	Org/100ml	ABSENT	ABSENT	APHA 24 th Ed 2023, 9221 G
47	Trihalomethanes	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47A	Bromoform	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47B	Dibromochloromethane	mg/lit	ABSENT	< 0.1	APHA 24 th Ed 2023, 6232 C
47C	Bromodichloromethane	mg/lit	ABSENT	< 0.06	APHA 24 th Ed 2023, 6232 C
47D	Chloroform	mg/lit	ABSENT	< 0.20	APHA 24 th Ed 2023, 6232 C
48	Pesticides				
a	Alachlor	µg/lit	ABSENT	< 20.0	USEPA Method 525.2, 507
b	Atrazine	µg/lit	ABSENT	< 2.0	USEPA Method 525.2, 8141 A
c	Aldrin/Dieldrin	µg/lit	ABSENT	< 0.03	USEPA Method 508
d	Alpha HCH	µg/lit	ABSENT	< 0.01	USEPA Method 508



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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	< 0.04	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	< 0.03	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 10500:2018, above water sample is chemically and bacteriologically potable with respect to above parameters.
- BDL: Below Detectable Limit, NS: Not Specified



For HORIZON SERVICES

men algeria

(LAB INCHARGE)



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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/05259
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT DATE	20/01/2025
	LAB REFERENCE NO.	HS/LAB/WA/1976
	SAMPLING DATE	13/01/2025
	SAMPLE RECEIPT DATE	14/01/2025
	START DATE OF ANALYSIS	14/01/2025
	END DATE OF ANALYSIS	20/01/2025

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	---	6.59	6.0-8.5	APHA 24 th Ed 2023, 4500-H + B
02	Total Suspended Solids	mg/lit	34.00	≤ 100.00	APHA 24 th Ed 2023, 2540-D
03	Total Dissolved Solids	mg/lit	1360.00	≤ 2100.00	APHA 24 th Ed 2023, 2540 C
04	Chemical Oxygen Demand	mg/lit	128.00	≤ 250.00	APHA 24 th Ed 2023, 5220- C
05	BOD 3 days at 27°C	mg/lit	44.00	≤ 100.00	IS 3025 (P 44) RA 2023
06	Chloride as C ⁻	mg/lit	354.00	≤ 600.00	APHA 24 th Ed 2023, 4500 Cl B
07	Sulphates as SO ₄ --	mg/lit	280.00	≤ 1000.00	APHA 24 th Ed 2023, 4500 SO ₄ E
08	Oil & Grease	mg/lit	BDL	≤ 10.00	APHA 24 th Ed 2023, 5520 B
09	Nitrate as NH ₃	mg/lit	0.33	< 50.00	APHA 24 th Ed 2023, 4500 NO ₃ B
10	Phosphate	mg/lit	BDL	< 5.00	APHA 24 th Ed 2023, 4500- P D

REMARK: 1. All above results are within the limits.
2. BDL: Below Detectable Limit



For HORIZON SERVICES

F(LAB INCHARGE)



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

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ANALYSIS REPORT

HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/05260
M/S. AARTI PHARMALABS LTD. (Unit-VI) Plot No. D-18, MIDC Tarapur Boisar. Tal & Dist. Palghar.	REPORT DATE	20/01/2025
	LAB REFERENCE NO.	HS/LAB/WA/1976
	SAMPLING DATE	13/01/2025
	SAMPLE RECEIPT DATE	14/01/2025
	START DATE OF ANALYSIS	14/01/2025
	END DATE OF ANALYSIS	20/01/2025

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	---	7.10	6.6 to 8.5	APHA 24 th Ed 2023, 4500-H+B
02	Total Suspended Solids	mg/lit	46.00	≤ 100.00	APHA 24 th Ed 2023, 2540-D
03	Biochemical Oxygen Demand for 3 days at 27°C	mg/lit	23.00	≤ 30.00	IS 3025 (P 44) RA 2023

REMARK: All above results are within the Limits.



For HORIZON SERVICES

F(LAB INCHARGE)