

AARTI PHARMALABS LIMITED
(Formerly known as AARTI INDUSTRIES LIMITED)
Plot No.K-17/18/19, MIDC Tarapur, Boisar

Date: 25/05/2023

To,
The Deputy Director-General of Forests (C),
Ministry of Environment Forest and Climate Change,
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building, Civil Lines,
Nagpur- 440001.

Subject: Regarding the Half-Yearly EC condition compliance report for the period of October-2022 to March-2023

Reference: Environment Clearance obtained from Maharashtra SEIAA - EC - 0000000222
March 17, 2018.

Respected Sir,

In reference to the above mentioned subject, we are enclosing herewith the EC condition compliance report for the period of October-2022 to March-2023 with respect to the above mentioned reference of Environmental Clearance for proposed expansion of industrial project at Plot. No. K-17/18/19 MIDC, Tarapur, Dist Palghar. SEAC-I considered the project under screening category 5(f) B of EIA Notification 2006.

The Compliance report to the EC conditions is enclosed along with supported documents as per EC condition

Thanking you,
Yours Faithfully,

for, Aarti Pharamalabs Ltd. (formerly known as Aarti Industries Ltd.)

Authorized Signatory





AARTI PHARMALABS LIMITED
(Formerly known as AARTI INDUSTRIES LIMITED)

Plot No.K-17/18/19, MIDC Tarapur, Boisar

Encl :

1. EC conditions compliance report
2. Copy of EC -Annexure-I
3. MPCB Consent to Operate - Annexure-II
4. Six Monthly MoEFCC approved lab analysis results - Annexure-III.
5. Six Monthly Air Monitoring report through MoEFCC approved lab - Annexure IV.
6. Noise Monitoring reports- Annexure-V

CC:

1. The Regional Directorate,
Central Pollution Control Board,
Raw house No. 1, Sanjivani Nisarg,
Balewadi, Pune - 411 045
2. The Sub-Regional Office,
Maharashtra Pollution Control Board.
Tarpur, MIDC.
3. The Regional Office,
Maharashtra Pollution Control Board.
Thane.

AARTI PHARMALABS LIMITED

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

Factory : Unit - III, Plot No. K-17/18/19, MIDC, Tarapur, Boisar, Taluka & District - Palghar, PIN - 401 506, Maharashtra, INDIA. **M:** 7798880839

Admin Office : 204, Udyog Kshetra, 2nd Flr., Mulund-Goregaon Link Road, Mulund (W), Mumbai, PIN - 400 080, Maharashtra, INDIA, **T:** 67976666 | **F:** 2565 3234

Regd. Office : Plot No. 22-C/1 & 22-C/2, 1st Phase, GIDC, Dist -Valsad, Vapi, PIN - 396 195, Gujarat, INDIA



AARTI PHARMALABS LIMITED
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Compliance to the conditions of the Environment Clearance granted to M/s. Aarti Industries Ltd. Plot K-17/18/19, MIDC, Tarapur, Dist: Palghar 401506
 (File No.: SEIAA STATEMENT 00000000182/ SEIAA- Minutes 0000000324/ SEIAA EC-0000000222 Dated 13th March 2018 for period October-2022 to March-2023)

EC Condition NO.	EC condition details	Compliance Status																		
2.	It is noted that the proposal is for grant of Environmental Clearance for proposed expansion of industrial project for increase in production capacity of synthetic organic chemicals manufacturing facility by M/s.Aarti industries Ltd. At plot no. K-17/18/19, MIDC, Tarapur, Dist Palghar SEAC considered the project under screening category 5(f) B1 of EIA Notification 2006 and considered in EIA authority in its 121 st meeting.	Noted and Agreed																		
3 to 21	Brief Information of the project submitted by Project Proponent is as:	Noted and Agreed.																		
	<table border="1"> <tr> <td data-bbox="258 1135 699 1290">Name of the Project</td> <td data-bbox="702 1135 1302 1290">Proposed increase in production capacity of synthetic organic chemicals manufacturing facility by Aarti industries Ltd. At plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar</td> </tr> <tr> <td data-bbox="258 1294 699 1350">Type of institution</td> <td data-bbox="702 1294 1302 1350">Private</td> </tr> <tr> <td data-bbox="258 1355 699 1433">Name of Project proponent</td> <td data-bbox="702 1355 1302 1433">Aarti Industries Ltd. At plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar.</td> </tr> <tr> <td data-bbox="258 1438 699 1494">Name of Consultant</td> <td data-bbox="702 1438 1302 1494">Aditya Environmental Services Pvt. Ltd.</td> </tr> <tr> <td data-bbox="258 1498 699 1554">Type of Project</td> <td data-bbox="702 1498 1302 1554">Not Applicable</td> </tr> <tr> <td data-bbox="258 1559 699 1671">New project / expansion in existing projects/ modernization/ diversification in existing project</td> <td data-bbox="702 1559 1302 1671">Expansion in Existing Project.</td> </tr> <tr> <td data-bbox="258 1675 699 1753">Location of the Project</td> <td data-bbox="702 1675 1302 1753">Plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar, Maharashtra.</td> </tr> <tr> <td data-bbox="258 1758 699 1814">Taluka</td> <td data-bbox="702 1758 1302 1814">Palghar</td> </tr> <tr> <td data-bbox="258 1818 699 1874">Village</td> <td data-bbox="702 1818 1302 1874">Salwad village</td> </tr> </table>	Name of the Project	Proposed increase in production capacity of synthetic organic chemicals manufacturing facility by Aarti industries Ltd. At plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar	Type of institution	Private	Name of Project proponent	Aarti Industries Ltd. At plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar.	Name of Consultant	Aditya Environmental Services Pvt. Ltd.	Type of Project	Not Applicable	New project / expansion in existing projects/ modernization/ diversification in existing project	Expansion in Existing Project.	Location of the Project	Plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar, Maharashtra.	Taluka	Palghar	Village	Salwad village	
Name of the Project	Proposed increase in production capacity of synthetic organic chemicals manufacturing facility by Aarti industries Ltd. At plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar																			
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Type of Project	Not Applicable																			
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Location of the Project	Plot No. K-17/18/19, MIDC, Tarapur, Dist Palghar, Maharashtra.																			
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Village	Salwad village																			



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		Noted and Agreed.
Where In corporation/ municipal/ others area	MIDC Tarapur	
IOD/IOA/Concession/Plan Approval No.	MIDC Tarapur and MIDC Approve No. MIDC approve plan, Approved Built up area 8397.6	
Note on the initiated work (If Applicable)	Not Applicable	
LOI/NOC/IOD from MHADA/ Other approvals (if Applicable)	MIDC Approval	
Total plot area	8233 Sq.m	
Deductions	Not Applicable	
Net Plot Area	Not Applicable	
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	
Total Ground Coverage (m2)	Not Applicable	
Ground coverage percentage (%) (Note : % of plot not open to sky)	Not Applicable	
Category	5f B	
Estimated cost of the project	30.0 Crores	
Location details of the project:	NE - Latitude: 19°47' 55.00"N NE -Longitude: 72°43' 19.84"N Location: Plot No.K-17,18,19, MIDC Industrial Tarapur, Boisar, Dist. Palghar, Maharashtra.	



AARTI PHARMALABS LIMITED
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Production Details:							
Sr. No.	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)	Average Production (MT/M)	Remark	
1.	Dimethyl Urea	27	0	0	Month	Production MT	Complied (Removed from product list. Please refer MPCB Consent to Operate copy)
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
					Month	Production MT	
Oct.-22	0						
Nov.-22	0						
Dec.-22	0						
Jan.-23	0						
Feb.- 23	0						
Mar.-23	0						
2.	Cyano Acetic Acid	25	0	25	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
					Month	Production MT	
Oct.-22	0						
Nov.-22	0						
Dec.-22	0						
Jan.-23	0						
Feb.- 23	0						
Mar.-23	0						
3	Nitosouracil	6	44	50	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
					Month	Production MT	
Oct.-22	0						
Nov.-22	0						
Dec.-22	0						
Jan.-23	0						
Feb.- 23	0						
Mar.-23	0						



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Sl. No.	Product Name	Target	Actual	Balance	Production		Status
					Month	Production MT	
4	Theophylline IP/BP/USP	50	0	50	Month	Production MT	Complied
					Oct.-22	31.12	
					Nov.-22	29.64	
					Dec.-22	29.64	
					Jan.-23	30.62	
					Feb.- 23	32.11	
					Mar.-23	34.58	
5	Aminophylline IP/BP/USP	1.5	8.5	10	Month	Production MT	Complied
					Oct.-22	5.52	
					Nov.-22	3.45	
					Dec.-22	4.60	
					Jan.-23	5.75	
					Feb.- 23	5.17	
					Mar.-23	4.6	
6.	Etophylline IP/BP/USP	30	20	50	Month	Production MT	Complied
					Oct.-22	18.36	
					Nov.-22	20.40	
					Dec.-22	19.38	
					Jan.-23	20.40	
					Feb.- 23	20.40	
					Mar.-23	20.40	
7.	Caffeine IP/BP/USP and food grade	80	220	300	Month	Production MT	Complied
					Oct.-22	136.59	
					Nov.-22	136.03	
					Dec.-22	137.37	
					Jan.-23	110.49	
					Feb.- 23	133.96	
					Mar.-23	135.70	



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8.	Theobromine IP/BP/USP	5	5	10	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
9.	Choline Theophylline BP	1	0	1	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
10.	Acefylline Piperazine	1	0	1	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	
11.	Diprophylline BP/USP	2	0	2	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	



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12	Sodium Theophyllinate	0	250	250	Month	Production MT	Complied
					Oct.-22	76.90	
Nov.-22	80.94						
Dec.-22	100.85						
Jan.-23	70.92						
Feb.- 23	109.49						
Mar.-23	125.19						
13	Uracil	0	50	50	Month	Production MT	Complied
					Oct.-22	0	
Nov.-22	0						
Dec.-22	0						
Jan.-23	0						
Feb.- 23	0						
Mar.-23	0						
14	Theophylline Crude	0	60	60	Month	Production MT	Complied
					Oct.-22	52.81	
Nov.-22	51.00						
Dec.-22	52.80						
Jan.-23	51.97						
Feb.- 23	53.63						
Mar.-23	55.15						
15	Liquor Ammonia (Byproduct)	15	0	0	Month	Production MT	Complied (Removed from product list. Please refer MPCB Consent to Operate copy)
					Oct.-22	0	
Nov.-22	0						
Dec.-22	0						
Jan.-23	0						
Feb.- 23	0						
Mar.-23	0						



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16.	Recovered Acetic Acid (Byproduct)	30	330	360	Month	Production MT	Complied
					Oct.-22	323.47	
					Nov.-22	344.60	
					Dec.-22	354.40	
					Jan.-23	324.89	
					Feb.- 23	338.90	
					Mar.-23	354.80	
17.	Recovered Sodium Chloride (Byproduct)	21	364	385	Month	Production MT	Complied
					Oct.-22	299.43	
					Nov.-22	381.42	
					Dec.-22	370.68	
					Jan.-23	343.83	
					Feb.- 23	290.12	
					Mar.-23	342.61	
18.	Recovered Sodium Sulphate (Byproduct)	21	243	264	Month	Production MT	Complied
					Oct.-22	161.23	
					Nov.-22	254.27	
					Dec.-22	247.11	
					Jan.-23	185.13	
					Feb.- 23	156.21	
					Mar.-23	184.48	
19.	Recovered Solvent (Basis 100%) (Byproduct)	0	60	60	Month	Production MT	Complied
					Oct.-22	0	
					Nov.-22	0	
					Dec.-22	0	
					Jan.-23	0	
					Feb.- 23	0	
					Mar.-23	0	



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Water Budget:

Total Water Requirement:

Existing= 352 m³/day
Proposed = 357 m³/day
Fresh water (CMD):709
Source: MIDC, Tarapur.

Use of Water:

Cooling Water (CMD): 580
Industrial Process (CMD):106
Domestic (CMD): 17
Gardening (CMD) :06

Complied.

Water Consumption Data as per MIDC bills is as below:

Month	Total water consumption (KL/Month)	Average water consumption (CMD)
Oct.-22	4029	154.96
Nov.-22	4198	161.46
Dec.-22	4271	164.26
Jan.-23	3842	147.76
Feb.- 23	3855	148.26
Mar.-23	4052	155.84



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Effluent Generation :

	Existing (CMD)	Proposed (CMD)	Total (CMD)
Domestic	10	0	10
Industrial	26+19 (Reaction Water)	80+39 (Reaction Water)	164
Cooling Tower & Thermopack	167	101	268
Total Effluent Generation (CMD)			432

- Complied
- Amount of effluent generation is given in the table below.

Sr. No	Month	Total Effluent Generation (M ³ /Month)	Avg. Total Effluent Generation (CMD)
1	Oct.-22	6969	232.3
2	Nov.-22	6591	219.70
3	Dec.-22	6796	226.53
4	Jan.-23	6874	229.13
5	Feb.- 23	6334	226.21
6	Mar.-23	6746	224.86

Effluent generation is well within Limits.

- The Unit has become a Zero Liquid Discharge plant (ZLD), the entire effluent is treated and recycled back as cooling tower make-up.
- Our Unit has become ZLD as mentioned in our CTO, (Refer **Annexure-II**). Being a ZLD unit, no effluent is discharged to CETP.



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Effluent Characteristics:					Complied . <ul style="list-style-type: none"> ● The Unit has become a Zero Liquid Discharge plant (ZLD), the entire effluent is treated and recycled back as cooling tower make-up as per the MPCB parameters limit. ● We regularly analyze the treated effluent quality through the MoEFCC Approved laboratory. ● Refer MoEFCC approved laboratory analysis results - Annexure-III.
Sr. No.	Parameters (Mg/L. Except pH)	Inlet Effluent	Outlet Effluent	Effluent Discharge Standards	
1.	pH	4-10	7.5-8.0	7.5-8.0	
2.	COD	5000	< 250	250	
3.	BOD	2200	<100	100	
4.	TDS	1600	<1500	2100	
5.	TSS	300-500	<100	100	
Effluent Treatment System / Technology to be used For 432 CMD effluent treatment.					<ul style="list-style-type: none"> ● RO (for CT/Boiler Blowdown)> RO reject to MEE, RO permeate for recycling. ● Stream I (Chloride rich)> MEE unit stage I, Condensate recycle to process/CT. ● Stream II (Sulphate rich)> MEE unit stage IV, Condensate recycle to process/CT. ● Stream III (Low TDS)>O&G trap>Neutralization tanks>Primary Clarifier > Aeration tank> Secondary clarifier> Pre-filtered effluent tank> sand filter> carbon filter> filtered effluent tank > RO, RO permeate for recycle.
Amount of Treated Effluent recycled : 389 CMD					Complied
Amount of water send to the CETP : 48.6 CMD					Not applicable as per CTO condition. Please refer Annexure - II
Disposal of the ETP Sludge (Sent to CHWTSDF Facility)					Complied

Rain Water Harvesting (RWH) :		
● Level of the ground water table	....	Complied
● Size of no. of RWH tanks & Quantity	Details in EIA Report	Complied
● Location of the RWH Tanks	Details in EIA Report	Complied
● Quantity of recharge pits	Details in EIA Report	Complied
● Size of recharge pits	Details in EIA Report	Complied
● Budgetary allocation (capital cost)	5 Lakh	Complied
● Budgetary allocation (O&M cost)	1 Lakh/Annum	Complied
● Details of UGRT tanks if any	Not Applicable	Not Applicable

Storm water drainage :		
● Natural water drainage pattern	Not Applicable	Noted
● Quantity of stormwater	Not Applicable	Noted
● Size of SWD	Not Applicable	Noted

Sewage and wastewater :		
● Sewage generation in KLD	10 CMD	Complied
● STP Technology	Sewage Effluent will be treated along with trade effluent in ETP	Complied
● Capacity of STP (CMD)	Not Applicable	Not Applicable
● Location & area of the STP	Not Applicable	Not Applicable
● Budgetary allocation (capital cost)	Not Applicable	Not Applicable
● Budgetary allocation (O&M cost)	Not Applicable	Not Applicable

Solid waste management :		
Waste Generation in the pre- construction and construction phase:		
● Waste Generation	Minor quantity of debris will be generated.	Noted and complied
● Disposal of the construction waste debris	Construction debris will be disposed off as per norm.	Noted and complied



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Waste Generation in the Operation phase:		
● Dry Waste	Fly Ash 11 TPD	Noted and Agree
● Wet Waste	Not Applicable	Not Applicable
● Hazardous Waste	Spent carbon, spent catalyst, spent solvent, discarded containers/barrels/drums/liners, ETP sludge, contaminated filters.	Noted and Agree
● Biomedical Waste (If Applicable)	Not Applicable	Not Applicable
● STP Sludge (Dry Sludge)	Not Applicable	Not Applicable
● Others if any	Not Applicable	Not Applicable
Mode of Disposal of Waste:		
● Dry Waste	Ash will be sent to brick manufacturer	Noted and Agree
● Wet Waste	Not Applicable	Not Applicable
● Hazardous Waste	Hazardous waste will be disposed off as per hazardous waste rule, 2016	Noted and Agree
● Biomedical Waste (If Applicable)	Not Applicable	Not Applicable
● STP Sludge (Dry Sludge)	Not Applicable	Not Applicable
● Others if any	Not Applicable	Not Applicable
Area Requirement		
● Locations	Details in EIA	Noted and Agreed
● Area for the storage of waste & other material	Details in EIA	Noted and Agreed
● Area for Machinery	Details in EIA	Noted and Agreed
Budgetary allocation (Capital cost and O&M cost)		
● Capital Cost	5 Lakh	Noted and Agreed
● O&M cost	100 Lakh / Annum	Noted and Agreed

Hazardous waste Generation and Disposal Details:

Sr. No	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Carbon	28.3	TPA	240	140	380	CHWTSDF
2	Spent Catalyst	28.2	TPA	1.8	2.2	4	CHWTSDF
3	Spent Solvent	28.6	TPA	30	....	30	Sell To Authorized Party
4	Discarded Containers /barrels/drum /liners	33.1	Nos. / A	600	600	1200	Sell To Authorized Party after decontamination
5	ETP Sludge	35.3	TPA	78	12	90	CHWTSDF
6	Contaminated filter	33.2	TPA	0.9	0.9	1.8	Incineration at CHWTSDF

Complied.

Our Unit Complying with all the standards that are mentioned in Environmental Clearance and also following the online Manifest system of MPCB.

Last Six Month Disposed Hazardous waste details as follows:

Sr. No.	Description	Cat	UOM	Consent Quantity Per Annum	Total Quantity disposed (October-2022 to March -2023)	Method of Disposal
1	Spent Carbon	28.3	TPA	380	182.64	CHWTSDF
2	Spent Catalyst	28.2	TPA	4	1.30	CHWTSDF
3	Spent Solvent	28.6	TPA	30	16.53	Sell To Authorized Party
4	Discarded Containers/ barrels / drum / liners	33.1	Nos. / A	1200	290	Sell To Authorized Party after decontamination
5	ETP Sludge	35.3	TPA	90	38.34	CHWTSDF
6	Contaminated filter	33.2	TPA	1.8	0.5	Incineration at CHWTSDF



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Stacks Emission Details:							
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	Internal Dia (m)	Temp. Of Exhaust Gasses
1.	10 TPH Boiler (Existing)	Fabric Bag Filter	35	Coal	30 + 5 (Existing + Proposed) MT/Day	0.6	120
2.	Boiler (Existing)	Fabric Bag Filter	Combined stack with 10 TPH boiler	Furnace oil	1.2 KL/Day	0.6	.....
3.	DMU Scrubber	Wet Scrubber	18 Ft	.....	.....	.....	Ambient temp.
4.	Process Stack (Nitroso Uracil)	Wet Scrubber	18 Ft	.....	.....	.....	Ambient temp.
5.	Process Stack (CAA Reactor)	Wet Scrubber	18 Ft	.....	.....	.....	Ambient temp.
6.	D. G. Set (600 KVA)	Acoustic Enclosure	5.0	HSD	150 Ltr. / Day	0.3	90

Stacks Emission Analysis Data:

Complied

The Atmospheric Emissions (Flue gas characteristics SPM, SO₂, NO_x, CO etc) have not exceeded the limit that is mentioned in Environmental Clearance. We quarterly analyze the Emission of stacks as per conditions from MoEF approved laboratories. Copy of Results are Attached as **Annexure IV**.

We have removed the Furnace Oil boiler, DMU Scrubber as DMU product is not manufactured and is removed from product list in CTO. CAA is not manufactured presently.



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Details of Fuel to be used:																										
Sr. No.	Type of Fuel	Existing	Proposed	Total	Last Six Month Data of Coal Consumption																					
1.	Coal	30 TPD	5 TPD	35 TPD	<p>Complied, our Coal fuel consumption is well within Limit data as follows</p> <table border="1"> <thead> <tr> <th>Month</th> <th>MT/M</th> <th>MT/D Avg.</th> </tr> </thead> <tbody> <tr> <td>Oct.-22</td> <td>920.98</td> <td>29.71</td> </tr> <tr> <td>Nov.-22</td> <td>972.00</td> <td>32.40</td> </tr> <tr> <td>Dec.-22</td> <td>980.00</td> <td>31.61</td> </tr> <tr> <td>Jan.-23</td> <td>997.00</td> <td>32.16</td> </tr> <tr> <td>Feb.- 23</td> <td>923.00</td> <td>32.96</td> </tr> <tr> <td>Mar.-23</td> <td>991.60</td> <td>31.99</td> </tr> </tbody> </table>	Month	MT/M	MT/D Avg.	Oct.-22	920.98	29.71	Nov.-22	972.00	32.40	Dec.-22	980.00	31.61	Jan.-23	997.00	32.16	Feb.- 23	923.00	32.96	Mar.-23	991.60	31.99
Month	MT/M	MT/D Avg.																								
Oct.-22	920.98	29.71																								
Nov.-22	972.00	32.40																								
Dec.-22	980.00	31.61																								
Jan.-23	997.00	32.16																								
Feb.- 23	923.00	32.96																								
Mar.-23	991.60	31.99																								
2.	Furnace Oil	1.2 KL/Day	FO Fired boiler will be discontinued for proposed project	Complied																					
3.	HSD	150 Lit/Day	150 Lit/Day	<p>Complied, our D.G. Set HSD fuel consumption is well within limit the data as follows:</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Lit/M</th> <th>Lit/D (Avg.)</th> </tr> </thead> <tbody> <tr> <td>Oct.-22</td> <td>312</td> <td>10.1</td> </tr> <tr> <td>Nov.-22</td> <td>365</td> <td>12.2</td> </tr> <tr> <td>Dec.-22</td> <td>480</td> <td>15.5</td> </tr> <tr> <td>Jan.-23</td> <td>400</td> <td>12.9</td> </tr> <tr> <td>Feb.- 23</td> <td>210</td> <td>07.5</td> </tr> <tr> <td>Mar.-23</td> <td>450</td> <td>14.5</td> </tr> </tbody> </table>	Month	Lit/M	Lit/D (Avg.)	Oct.-22	312	10.1	Nov.-22	365	12.2	Dec.-22	480	15.5	Jan.-23	400	12.9	Feb.- 23	210	07.5	Mar.-23	450	14.5
Month	Lit/M	Lit/D (Avg.)																								
Oct.-22	312	10.1																								
Nov.-22	365	12.2																								
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Jan.-23	400	12.9																								
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Mar.-23	450	14.5																								



AARTI PHARMALABS LIMITED
(Formerly known as AARTI INDUSTRIES LIMITED)
 Plot No.K-17/18/19, MIDC Tarapur, Boisar

ENERGY		
Power Requirement:		
● Source of power Supply	From MSEDCL	Complied
● During Construction phase: (Demand load)	Power requirement during construction phase will be fulfilled from existing facility.	Complied
● DG set as power back up during construction phase.	Existing : 600 KVA DG set (In case of emergency)	Noted and Agree
● During Operation phase (Connected load):	Additional power requirement : 550 KVA	Noted and Agree
● During Operation phase (Demand load):	Additional power requirement : 550 KVA	Noted and Agree
● Transformer	Yes	Complied
● DG set as power back-up during operation phase:	Existing : 600 KVA DG set (In case of emergency)	Noted and Agree
● Fuel Used	HSD : 150 Lit/Day (In case of Emergency)	Complied
● Details of high tension line passing through the plot if any	Details given in EIA report.	Noted and Agree



AARTI PHARMALABS LIMITED
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 Plot No.K-17/18/19, MIDC Tarapur, Boisar

Energy: Source: MSEB. Existing: 1450 KVA Proposed: 550 KVA. The maximum demand of power is 2000 KVA required. Existing: 1 DG Sets of 250 KVA.	Complied. Every Month consumption details in KVA <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Month</th> <th>Bill Demand in KVA</th> </tr> </thead> <tbody> <tr> <td>Oct.-22</td> <td>1886</td> </tr> <tr> <td>Nov.-22</td> <td>1859</td> </tr> <tr> <td>Dec.-22</td> <td>1939</td> </tr> <tr> <td>Jan.-23</td> <td>1768</td> </tr> <tr> <td>Feb.- 23</td> <td>1886</td> </tr> <tr> <td>Mar.-23</td> <td>1905</td> </tr> </tbody> </table>	Month	Bill Demand in KVA	Oct.-22	1886	Nov.-22	1859	Dec.-22	1939	Jan.-23	1768	Feb.- 23	1886	Mar.-23	1905
Month	Bill Demand in KVA														
Oct.-22	1886														
Nov.-22	1859														
Dec.-22	1939														
Jan.-23	1768														
Feb.- 23	1886														
Mar.-23	1905														

Details Of Pollution Control System :			
Source	Existing Pollution Control System	Proposed To Be Installed	Status
● Air	Dust Collector/Bag Filter	Dust Collector/Bag Filter	Complied
● Water	Effluent Treatment Plant	Upgradation of existing ETP, RO unit, MEE unit	Complied
● Noise	Enclosure/PEE	Enclosure/PEE	Complied
● Hazardous & Non Hazardous Waste	Disposed to CHWTSDF/Recycler	Disposed to CHWTSDF / Recycler	Complied
Budgetary allocation (Capital Cost and O&M cost):	Capital Cost : 5 Lakh O&M Cost: 1 Lakh /Annum		Noted and Agree



AARTI PHARMALABS LIMITED
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Plot No.K-17/18/19, MIDC Tarapur, Boisar

Environmental Management Plan Budgetary Allocation:					
Sr. No.	Component	Description	Capital Cost Rs. In Lacs	O&M cost (Rs.In Lacs/yr)	Last year O & M cost (Rs. In Lacs/yr)
1.	Air Pollution	Air pollution Control	35	2.5	2.3
2.	Water Pollution	Water Pollution Control	500	50.0	55
3.	Noise Pollution	Noise pollution control	3.0	0.5	0.4
4.	Monitoring	Environmental Monitoring/Management	.....	5.0	4.5
5.	Health & Safety	Occupational Health and Safety	5.0	2.0	6.5
6.	Green Belt	Green Belt Development	....	1.0	2.0
7.	Solid Waste	Hazardous waste and Solid Waste management	5.0	100.0	230.0
8.	Green Initiative	Rain Water Harvesting	5.0	1.0	0.70
9.	Green Initiative	Solar Power / LED	5.0	1.0	0.5



AARTI PHARMALABS LIMITED
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Compliance Report of Environmental Clearance File No. - SEIAA - EC - 0000000222 March 17, 2018 for a period of October, 2022 to March, 2023:

Specific General condition :

Sr. No.	EC Conditions Details	Compliance Status
1	Project Proponent to achieve ZLD; Project Proponent shall ensure that there is no increase effluent load to CETP	Complied : We have achieved ZLD, obtained CTO from MPCB(Annexure -II)
2	73 TPH boiler should have 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.	Complied : We have installed 10 TPH Boiler and Stack height of 35 meter provided along with High performance Bag filters for control of flue gas and ash for controlling the air pollution as per EC.
3	No additional land shall be used / acquired for any activity of the project without obtaining proper permission	Noted & Complied
4	Project Proponent to take utmost precaution for the health and safety of the people working in the unit as also for protecting environment.	Complied : We take Utmost Precautions for Health and safety of people working in the unit and also for protecting the environment .(Provided PPEs, Following SOPs, work permit system, Prepared MSDS for safe handling of chemicals and installed pollution control systems for protecting environment etc).
5	Proper Housekeeping programmers shall be implemented.	Complied
6	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	Noted & Complied. We follow all guidelines as laid down by pollution control boards.
7	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If Applicable).	Complied. As per EC the stack height of DG set 5 meter above the roof is provided and We quarterly check pollution parameters at our unit by the third party MoEFCC approved lab. Annexure- IV Analysis Reports

8	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Complied
9	Arrangement shall be made that effluent and storm water does not get mixed.	Complied . We have separate drainage lines for Storm water and effluent. Effluent drains are connected to ETP.
10	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCB.	Noted -Industries situated in notified MIDC area.
11	Noise level shall be maintained as per standards. For people working in the high area, requisite personal protective equipment like earplugs etc. shall be provided.	Complied. We have provided personal protective equipment for people working in the High Noise area , like earplugs, Muffs etc. Noise level are regularly monitored by internally and external approved agencies. (Annexure - V Copy of Noise Reports)
12	The Overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection)Act, 1986 Rule, 1989.	Complied (Refer Annexure -V)
13	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and consultation with the local DFO/Agriculture Dept.	Complied as per EC. As per CPCB we have selected the plant species and developed the green belt.
14	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. leak detection devices shall also be installed at strategic places for early detection and warning.	Complied. We take care of the safety measures of plant and working people. We have Trained Emergency control Team and prepared on-site Emergency Plan , Fire fighting equipment & Fire hydrant system , chemical leak/spill control kit, leak detection devices etc. Are provided and trained the employees for the usage in case of any emergency.

15	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Complied. We regularly carry out health checkup of all workers and records are maintained as per factory Act.
16	The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied . We are using non sparking tools & have installed flameproof electrical fittings at necessary manufacturing processes and plants. We have provided various types of Fire Extinguishers, Fire hydrant system, Sprinkler system, Water & Mechanical Foam monitors, Fire blanket & Lightning arrestors are provided , Separate material handling rooms at necessary locations for protection of possible fire hazard.
17	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections /treatment /storage / disposal of hazardous wastes.	Complied. Obtained consent To operate from MPCB, the copy is enclosed. Refer Annexure-II
18	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	Complied. We are conducting Mock-Drill rehearsals periodically. We have prepared On site emergency plan & updating it yearly & whenever there are changes.
19	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environment safeguards.	Complied. We have a separate Environment management Cell and discuss the issues and development in order to comply with the conditions stipulated by Boards.
20	Separate funds shall be allocated for implementation of environment 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 be reported to the MPCB & this department.	Complied. We regularly report the cost incurred for Environment protection measures every year to MPCB in the Environment Statement Report (FORM-V).



AARTI PHARMALABS LIMITED
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21	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	Complied. We had advertised the news of Environment Clearance of the project in Local News paper dated 18 April, 2018 in Palghar Mitra in marathi language. We clearly mentioned that environmental clearance copies of letter are available on MPCB office and also at website at http://ec.maharashtra.gov.in
22	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.	Complied
23	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.	Ok Noted and Agree
24	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 NOx (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.	Noted We have an Online monitoring system and the results are displayed continuously on CPCB and MPCB websites. We have Display board at the main gate with information about water , Air and hazardous waste.



AARTI PHARMALABS LIMITED
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25	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 CPCB and the SPCB.	Complied
26	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.	Complied We have regularly submitted Form V to the State Board Every Year.

Encl. : Annexures

Annexure I : Environmental Clearance copy

Annexure II : MPCB Consent to Operate

Annexure III : Effluent Analysis Reports (MoEF approved Lab)

Annexure IV : Ambient Air & Stack Emission Monitoring Report (MoEF approved Lab)

Annexure V : Noise Monitoring Reports (MoEF approved Lab)



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: March 17, 2018

To,
Aarti Industries Ltd., Unit III, Plot No. K-17,18,19, MIDC Tarapur
at Plot No. K17,18,19, MIDC Tarapur Tal Palghar, Dist Palghar Maharashtra

Subject: Environment Clearance for Proposed Increase in Production Capacity of Synthetic Organic Chemicals Manufacturing Facility by Aarti Industries Ltd. at Plot No. K17,18,19, MIDC Tarapur Tal Palghar, Dist Palghar Maharashtra

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 121st 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 Increase in Production Capacity of Synthetic Organic Chemicals Manufacturing Facility by Aarti Industries Ltd. at Plot No. K17,18,19, MIDC Tarapur Tal Palghar, Dist Palghar Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Aarti Industries Ltd., Unit III, Plot No. K-17,18,19, MIDC Tarapur
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 in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot No. K17,18,19, MIDC Tarapur Tal Palghar, Dist Palghar Maharashtra
9.Taluka	Palghar
10.Village	Salwad village
11.Area of the project	MIDC Tarapur
12.IOD/IOA/Concession/Plan Approval Number	MIDC Tarapur IOD/IOA/Concession/Plan Approval Number: MIDC approved plot plan Approved Built-up Area: 8397.6
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval
15.Total Plot Area (sq. m.)	8233 sq.m
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.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
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable

SEIAA Meeting No: 121 Meeting Date: March 13, 2018 (SEIAA-STATEMENT-000000182)
SEIAA-MINUTES-000000324
SEIAA-EC-000000222

Page 1 of 13

Shri Satish.M.Gavai (Member Secretary SEIAA)



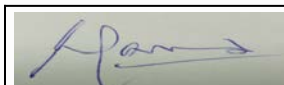
Government of Maharashtra

22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Dimethyl Urea	27	0	0
2	Cyano Acetic Acid	25	0	25
3	Nitrosouracil	6	44	50
4	Theophylline IP/BP/USP	50	0	50
5	Aminophylline IP/BP/USP	1.5	8.5	10
6	Etophylline IP/BP/USP	30	20	50
7	Caffeine IP/BP/USP and food grade	80	220	300
8	Theobromine IP/BP/USP	5	5	10
9	Choline Theophyllinate BP	1	0	1
10	Acefylline Piperazine	1	0	1
11	Diprophylline BP/USP	2	0	2
12	Sodium Theophyllinate	0	250	250
13	Uracil	0	50	50
14	Theophylline crude	0	60	60
15	Liquor Ammonia (Byproduct)	15	0	0
16	Recovered Acetic Acid (Byproduct)	30	330	360
17	Recovered Sodium Chloride (Byproduct)	21	364	385
18	Recovered Sodium Sulphate (Byproduct)	21	243	264
19	Recovered Solvent (basis 100%) (Byproduct)	0	60	60

23. Total Water Requirement

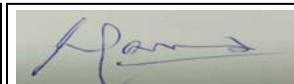
Dry season:	Source of water	From MIDC
	Fresh water (CMD):	400 cmd (as per Existing Consent to Operate)
	Recycled water - Flushing (CMD):	--
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	--
	Total Water Requirement (CMD) :	709 cmd
	Fire fighting - Underground water tank (CMD):	--
	Fire fighting - Overhead water tank (CMD):	--
	Excess treated water	Not applicable



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



Government of Maharashtra



24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	17	0	17	7	0	7	10	0	10
Industrial Process	26	80	106	0	0	0	26 + 19 (reaction water)	80+ 39 (reaction water)	164
Cooling tower & thermopack	303	277	580	136	176	312	167	101	268
Gardening	6	0	6	6	0	6	0	0	0

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	---
	Size and no of RWH tank(s) and Quantity:	Details given in EIA report.
	Location of the RWH tank(s):	Details given in EIA report.
	Quantity of recharge pits:	Details given in EIA report.
	Size of recharge pits :	Details given in EIA report.
	Budgetary allocation (Capital cost) :	5 Lakh
	Budgetary allocation (O & M cost) :	1 Lakh per Annum
	Details of UGT tanks if any :	Not Applicable

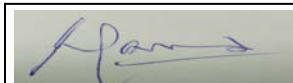
26.Storm water drainage	Natural water drainage pattern:	Not Applicable
	Quantity of storm water:	Not Applicable
	Size of SWD:	Not Applicable

27.Sewage and Waste water	Sewage generation in KLD:	10 cmd
	STP technology:	Sewage water will be treated in combined along with trade effluent in Effluent treatment plant.
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of debris will be generate.
	Disposal of the construction waste debris:	Construction debris will be disposed off as per norms.
Waste generation in the operation Phase:	Dry waste:	Fly ash: 11 TPD
	Wet waste:	Not Applicable
	Hazardous waste:	Spent carbon , Spent catalyst, Spent solvent, Discarded containers/ barrels/ drums/ liners, ETP sludge, Contaminated filters
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Ash will be sent to brick manufacturer.
	Wet waste:	Not Applicable
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous waste rule, 2016.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	Location(s):	Details given in EIA report.
	Area for the storage of waste & other material:	Details given in EIA report.
	Area for machinery:	Details given in EIA report.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5 Lakh
	O & M cost:	100 Lakh per Annum

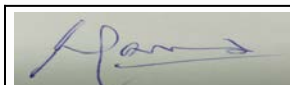
Government of Maharashtra



29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4-10	7.5-8.0	7.5-8.0
2	Chemical Oxygen Demand	mg/L	5000	<250	250
3	Biological Oxygen Demand	mg/L	2200	<100	100
4	Total Dissolved solid	mg/L	1600	<1500	2100
5	Total Suspended Solid	mg/L	300-500	<100	100
Amount of effluent generation (CMD):		Total Effluent generated: 442 cmd, Effluent sent to ETP for treatment: 46 cmd, Loss from MEE unit- 7 cmd			
Capacity of the ETP:		46 cmd of Effluent to Existing ETP, 145 cmd from Process to MEE plant (proposed), 186 cmd from Utilities to RO unit (proposed) [Refer EIA report]			
Amount of treated effluent recycled :		389 cmd			
Amount of water send to the CETP:		48.6 cmd (As per existing Consent to Operate)			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		1. RO (for CT/Boiler Blowdown) > RO rejects to MEE > RO permeate for recycle, 2. Stream I (Chloride rich) > MEE unit stage I > Condensate recycle to process/CT, 3. Stream II (Sulfate rich) > MEE stage IV > Condensate recycle to process/CT, 4. Stream III (low TDS) > Oil & Grease trap > Neutralization tanks > Primary clarifier > Aeration tank > secondary clarifier > Pre-filtered effluent tank > Sand filter > carbon filter > Filtered effluent tank > CETP			
Disposal of the ETP sludge		ETP sludge will be sent to CHWTSDF facility.			

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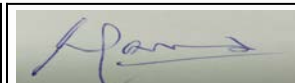


30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent carbon	28.3	TPA	240	140	380	CHWTSDF
2	Spent catalyst	28.2	TPA	1.8	2.2	4	CHWTSDF
3	Spent solvent	28.6	TPA	30	--	30	Sell to authorized party
4	Discarded containers/barrels /drums/liners	33.1	Nos. / A	600	600	1200	Sell to authorized party after decontamination
5	ETP sludge	35.3	TPA	78	12	90	CHWTSDF
6	Contaminated filter	33.2	TPA	0.9	0.9	1.8	Incineration at CHWTSDF

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	10 TPH Boiler (existing)	Coal: 30 TPD + 5 TPD (additional)	1	35	0.6	120
2	Boiler (existing)	Furnace oil: 1.2 KL/day	--	combined stack with 10 TPH boiler	combined stack with 10 TPH boiler	--
3	DMU scrubber (existing)	--	2	18 ft.	--	ambient temp.
4	Nitroso urasil reactor (existing)	--	3	18 ft	--	ambient temp.
5	CAA reactor (existing)	--	4	18 ft	--	ambient temp.
6	600 KVA DG set (existing)	HSD: 150 Lit/day	5	5	0.3	90

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	30 TPD	5 TPD	35 TPD
2	Furnace oil	1.2 KL/day	--	FO fired boiler will be discontinued for proposed project
3	HSD	150 Lit/day	--	150 Lit/day
Source of Fuel		From nearby vendor		
Mode of Transportation of fuel to site		By road		

33.Energy



Power requirement:	Source of power supply :	From MSEDCL
	During Construction Phase: (Demand Load)	Power requirement during construction phase will be fulfilled from existing facility.
	DG set as Power back-up during construction phase	Existing: 600 KVA DG set (in case of emergency)
	During Operation phase (Connected load):	Additional power requirement: 550 KVA
	During Operation phase (Demand load):	Additional power requirement: 550 KVA
	Transformer:	Yes
	DG set as Power back-up during operation phase:	Existing: 600 KVA DG set (in case of emergency)
	Fuel used:	HSD: 150 Lit/day (in case of emergency)
	Details of high tension line passing through the plot if any:	Details given in EIA report

34. Energy saving by non-conventional method:

Details given in EIA report

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	Dust collector /Bag filter	Dust collector /Bag filter
Water	Effluent treatment plant	Upgradation of existing ETP, RO unit, MEE unit
Noise	Enclosure/ PPE	Enclosure/ PPE
Hazardous & Non-Hazardous waste	Disposed to CHWTSDF / Recycler	Disposed to CHWTSDF / Recycler

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5 Lakh
	O & M cost:	1 Lakh per Annum

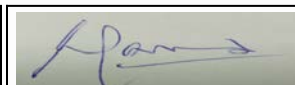
38. Environmental Management plan Budgetary Allocation

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	Air pollution control	35	2.5
2	Water pollution	Water Pollution control	500	50
3	Noise pollution	Noise Pollution control	3	0.5
4	Monitoring	Environment Monitoring/management	--	5
5	Health & safety	Occupational Health & Safety	5	2
6	Green belt	Green Belt Development	--	1



7	Solid waste	Hazardous waste & Solid waste management	5	100
8	Green initiative	Rain water harvesting	5	1
9	Green initiative	Solar power / LED	5	1

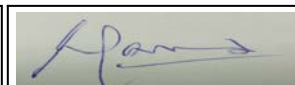
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
30 % HCl	Existing	Near gate (west side)	20 KL	18 KL	5800 TPA	GACL/ ideal company	Tanker
DMS	Existing	Near gate (west side)	20 KL	18 KL	2100 TPA	sister company	Tanker
Acetic anhydride	Existing	Near gate (west side)	50 KL	45 KL	5000 TPA	Jubilant organics	Tanker
Caustic soda lye	Existing	Near gate (west side)	20 KL	18 KL	4500 TPA	GACL	Tanker
Formic acid	Existing	Near gate (west side)	20 KL	18 KL	2600 TPA	GNFC	Tanker
Acetic acid (95%)	Existing	Near gate (west side)	50 KL	45 KL	details given in EIA report	details given in EIA report	Tanker
Acetic acid (40%)	Existing	Near gate (west side)	20 KL	18 KL	details given in EIA report	details given in EIA report	Tanker
Recovered Solvent	Existing	Near gate (west side)	10 KL	8 KL	details given in EIA report	Inplant	Tanker

40.Any Other Information

No Information Available

Government of
Maharashtra



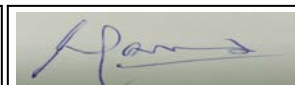
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	5(f)- B
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	19-08-2016

3. The proposal has been considered by SEIAA in its 121st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

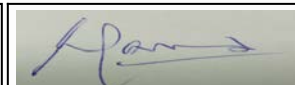
General Conditions:

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



XX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise 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.

Government of Maharashtra



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

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

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

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

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

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

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

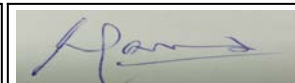


Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

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

Government of
Maharashtra



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R58)

No:- Format1.0/CC/UAN No.0000090649/CR 2007001580

Date: 27/07/2020

To,
M/s. Aarti Industries Limited
Plot No. K-17/18/19, MIDC-Tarapur,
Tal. & Dist.:- Palghar.

Sub: Renewal of Consent to Operate in RED/LSI category.

- Ref:**
1. Consent to Operate granted by the Board vide No. Format 1.0/BO/AS(T)/UAN No.-0000053726/O/CC-1907000242 dated- 04.07.2019 which is valid upto 30.04.2020.
 2. Environmental Clearance granted by Government of Maharashtra vide No. SEIAA-EC-0000000222 dated 17/3/2018.
 3. Your application for amendment in consent vide UAN No.: -0000003365 dtd. 10.08.2019 and renewal of consent vide UAN No.: -0000090649 dtd. 09.03.2020.
 4. Minutes of the 4th Consent committee meeting dtd. 03.06.2020.

Your application No.MPCB-CONSENT-0000090649 Dated 09.03.2020

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/04/2025**
2. **The capital investment of the project is Rs.55.7 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Cyano Acetic Acid	360	MT/A
2	Nitrosouracil	600	MT/A
3	Theophylline IP/BP/USP	600	MT/A
4	Aminophylline IP/BP/USP	120	MT/A
5	Etophylline IP/BP/USP	600	MT/A
6	Caffeine IP/BP/USP and Food Grade	3600	MT/A
7	Theobromine IP/BP/USP	120	MT/A



Sr No	Product	Maximum Quantity	UOM
8	Choline Theophyllinate BP	12	MT/A
9	Acephylline piperazine	12	MT/A
10	Diprophylline BP/USP	24	MT/A
11	Sodium Theophyllinate	3000	MT/A
12	Uracil	600	MT/A
13	Theophylline Crude	720	MT/A
By Products			
14	Acetic Acid	4320	MT/A

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	432.00	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	6.0	As per Schedule-I	Soaked in soak pit

5. Conditions under Air (P & CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler (10 TPH)	1	As per Schedule -II
2	S-2	D. G. Set (600 KVA)	1	As per Schedule -II
3	S-3	Process Stack (Nitorso Uracil)	1	As per Schedule -II
4	S-4	Process Stack (HCl)	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	90.00	MT/M	Sale	Sale to Bricks manufactures
2	Used Shoe covers, Head Caps, Plastic Liners, PVC Suits, Gum Boots, HDPE/ Fiber Drums, scrap electrical Cables etc.	60.0	No/M	Sale	Sale to Authorized party
3	Metal Scrap	10.0	MT/A	Sale	Sale to Authorized party

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	28.3 Spent carbon	380	MT/A	Recycle*	Sale to Authorized party / CHWTSDF
2	28.2 Spent catalyst	4.0	MT/A	Recycle*	Sale to Authorized party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
3	35.3 Chemical sludge from waste water treatment	90	MT/A	Landfil	CHWTSDf
4	33.1 Empty barrels / Bags containers/ liners contaminated with hazardous chemicals /wastes	1200	Nos./Y	Reconditioner	Sale to authorized reconditioner / CHWTSDf
5	28.1 Process Residues and Waste (Recovered Sodium Chloride)	4620	MT/A	Recycle*	Sale to Authorized party / CHWTSDf
6	28.1 Process Residues and Waste (Recovered Sodium Sulfate)	3168	MT/A	Recycle*	Sale to Authorized party / CHWTSDf
7	28.6 Spent solvents	60	MT/A	Recycle*	Sale to Authorized party / CHWTSDf

[* - The applicant shall ensure disposal to actual user having permission under Rule-9 of Hazardous and Other Waste (M & T M), 2016]

8. Treatment and Disposal of Biomedical Waste generated to CBMWSTDF:

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	0.20	Yellow colored non- chlorinated plastic bags	CBMWSTDF
		b) Expired or Discarded Medicines	0.20		
2	White (Translucent)	Waste sharps including Metals	0.20	Puncture proof, Leak proof, tamper proof container	CBMWSTDF

- 9 The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 10 This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 11 The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEIAA-EC-0000000222 dated 17/3/2018.
- 12 Industry shall not carry out the excess production without obtaining consent from the Board and Environmental Clearance from competent authority.
- 13 The applicant shall make an application for the renewal of consent 60 days, prior to the date of the expiry of the consent. (Operate/Renewal)





Maharashtra Pollution Control Board

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14 This consent is issued pursuant to the decision of the 4th Consent Committee Meeting held on 03.06.2020.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	TXN2004000099	06/04/2020	Online Payment

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai





SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
 - i) **Strong COD/TDS stream of 360.00 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank) followed by Multi effect evaporator with design capacity of 360.00 CMD.
 - ii) **Weak COD/TDS stream of 72.00 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, Multi effective evaporator), of capacity 100.00 CMD.
- B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises generated from this unit.
- C) The Industry shall ensure connectivity online monitoring system to the MPCB server including a separate energy meter for the pollution control system.

2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 6.0 CMD of sewage.
- B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

1	BOD 3 days 27oC	Not to exceed	30 mg/l
2	Suspended Solids	Not to exceed	100 mg/l

- C) The treated sewage shall be soaked in soak pit and overflow if any shall be used for gardening purposes within the premise.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	580.00
2.	Domestic purpose	17.00



Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	106.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	13.0

The water used for gardening should be treated effluent/Sewage.

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.
7. The applicant shall adopt the use of high-pressure hoses for equipment cleaning to reduce wastewater generation.



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂ (kg/day)
S-1	Boiler (10 TPH)	Fabric Bag Filter	35	Coal	35.0 MT/Day	0.50	350.00
S-2	D. G. Set (600 KVA)	Acoustic Enclosure	5.0*	HSD	150 Lit/Day	1.00	5.40
S-3	Process Stack (Nitorso Uracil)	Wet Scrubber	6.0*	--	--	--	--
S-4	Process Stack (HCl)	Alkali Scrubber	6.0*	--	--	--	--

(*-Above roof level)

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards	
Total Particulate Matter	Not to exceed	150 mg/Nm ³
Acid Mist/HCl	Not to exceed	35 mg/Nm ³
NO _x	Not to exceed	50 mg/Nm ³

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. Solvent Management shall be carried out as follows:
- Reactors shall be connected to Chilled Brine Condenser system
 - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
 - The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 95% overall recovery
 - Solvents shall be stored in a separate space specified with all safety measures.
 - Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
 - Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.



- g. All the solvent storage tanks shall be connected with vent condensers with chilled Brine circulation.
- h. Fugitive emissions shall be controlled at 99.95% with effective chillers.
- i. Solvent transfer shall be through pump.
- j. Metering and control of quantities of active ingredients to minimize wastes.
- k. Use of automatic filling to minimize spillage.
- l. Use of close feed system into batch reactors.
- m. Venting equipment through vapour recovery system.





SCHEDULE-III
Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate	Rs. 5.0 Lakhs	Existing	Towards O&M of PCS and Compliance of consent condition	30.04.2025	30.08.2025

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				





SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.



12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.



Maharashtra Pollution Control Board

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26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781/24014701

Fax : 24023516/24024068/24044531

Email : ast@mpcb.gov.in

Visit At : <http://mpcb.gov.in>



Kalptaru point, 2nd, 3rd & 4th Floor,

Opp. Cine Planet,

Near Sion Circle, Sion (E),

Mumbai - 400 022

Consent Order No: Format1.0/UAN No. 0000009413/Amend- 2211000027

Date: 10/11/2022

Amendment of Consent

Sub: Amendment in Consent to Operate for change in name of
M/s. Aarti Industries Ltd.,
Plot No. K-17/18/19, MIDC Tarapur,
Tal. & Dist. Palghar

- Ref: 1. Consent granted by Board vide No.: Format1.0/CC/UAN No.:
0000090649/CR2007001580 dtd: 27/07/2020 valid upto 30/04/2025
2. Hon'ble National Company Law Tribunal Order dtd: 21/09/2022
3. Circular issued No. MPCB/RO(BMW)/Circular/B-220823-FTS-0199,
Dtd: 23.08.2022

The Consent to Operate granted under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is granted to M/s. Aarti Industries Ltd., Plot No. K-17/18/19, MIDC Tarapur, Tal. & Dist. Palghar is hereby amended as:

1. The name of the Industry shall be read as:
M/s. Aarti Pharmalabs Ltd.,
Plot No. K-17/18/19, MIDC Tarapur,
Tal. & Dist. Plaghar.
2. The Condition No. 7 under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste of the above referred Consent at Sr. No. 1 shall be read as:

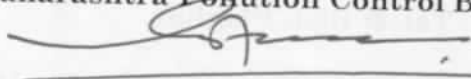
Sr. No	Category No. / Type	Quantity	UoM	Treatment	Disposal
1	28.3 Spent Carbon	380	MT/A	Preprocessing/Co-processing/Incineration	Co-processor through Authorized Preprocessor/CHWTSDF
2	28.2 Spent Catalyst	4.0	MT/A	Recycle*	Sale to Authorized party/CHWTSDF
3	35.3 Chemical Sludge from waste water treatment	90	MT/A	Landfill after treatment	CHWTSDF

4	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	1200	Nos/Y	Reconditioner	Sale to Authorized party/CHWTSDF
5	28.1 Process Residue and wastes (Recovered Sodium Chloride)	4620	MT/A	Recycle*	Sale to Authorized party/CHWTSDF
6	28.1 Process Residue and wastes (Recovered Sodium Sulfate)	3168	MT/A	Recycle*	Sale to Authorized party/CHWTSDF
7	28.6 Spent Solvent	60	MT/A	Recycle*	Sale to Authorized party/CHWTSDF

(* Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.)

- Industry shall comply with the CPCB Guidelines for pre-processing and co-processing of Hazardous waste.
- All other conditions of the consent referred above at Sr. No. 1 shall be remain unchanged.
- The Amendment is valid only along with the consent referred at Ref. No. 1.
- This amendment for change in name is issued pursuant to the order issued by Hon'ble National Company Law Tribunal referred at Sr. No. 2.
- The amendment in consent to operate for change in name is issued as per communication Letter dtd: 03/11/2022; which is approved by the competent authority of the Board.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. V. M. Motghare) 9/11/22
Assistant Secretary (Technical)

To,
M/s. Aarti Pharmalabs Ltd.,
Plot No. K-17/18/19, MIDC Tarapur,
Tal. & Dist. Palghar.

Copy to:

- Regional Officer – Thane / SRO – Tarapur - I, MPCB
- Chief Accounts Officer, M.P.C. Board, Mumbai

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TEST REPORT

Test Report No: GESEC/PRO/WW/2022-23/01/429	Report Date	14.01.2023
Sample Id: GESEC/PRO/WW/2022-23/01/429	Sample Details	ETP Inlet
Client Details Name & Address: M/s. Aarti Pharamalabs Ltd, Unit No. III, Plot No. K- 17, 18 & 19, MIDC, Tarapur, Boisar.	Type of Sample	Waste Water
	Volume Of Sample	1L plastic Bottle +1L Glass Bottle
	Sample Status	Sealed
	Sample Collected By	M/s. Shree Swami Samarth Environmental Consultant.
	Date of Sample Collection	09.01.2023
	Sample Receipt Date	09.01.2023
	Analysis start Date	09.01.2023
	Analysis End Date	14.01.2023

Parameters	Results	Unit	Standard Method
pH	6.39	--	APHA 4500 H+, B 23rd Edition.2017
Total Suspended Solid	119.0	mg/l	APHA 2540 D 23 rd ED:2017
Total Dissolved Solid	1678.0	mg/l	APHA 2540, C,23rd Edition, 2017
Chemical Oxygen Demand (COD)	1809.0	mg/l	IS 3025 (Part 58), 2019
Biological Oxygen Demand (BOD) at 27°C for 3 days	556.0	mg/l	IS 3025 (Part 44), 2019
Oil and Grease	7.10	mg/l	IS: 3025 Part-39-2019
Chloride as Cl ⁻	23.0	mg/lit	APHA 4500 CL B23rd Ed- 2017
Sulphate as SO ₄	07.92	mg/lit	IS: 3025 Part-24-2019



Hande

Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

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TEST REPORT

Test Report No: GESEC/PRO/WW/2023-24/04/432	Report Date	29.04.2023
Sample Id: GESEC/PRO/WW/2023-24/04/432	Sample Details	ETP Inlet
Client Details Name & Address: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.	Type of Sample	Waste Water
	Volume Of Sample	1 Lit plastic bottle +1 Lit Glass bottle
	Sample Status	Sealed
	Sample Collected By	M/s. Shree Swami Samarth Environmental Consultant.
	Date of Sample Collection	24.04.2023
	Sample Receipt Date	25.04.2023
	Analysis start Date	25.04.2023
	Analysis End Date	29.04.2023

Parameters	Results	Unit	Standard Method
pH	6.32	--	APHA 4500 H+, B 23rd Edition.2017
Total Suspended Solid	112.0	mg/l	APHA 2540 D 23 rd ED:2017
Total Dissolved Solid	1662.0	mg/l	APHA 2540, C,23rd Edition, 2017
Chemical Oxygen Demand (COD)	1798.0	mg/l	IS 3025 (Part 58), 2019
Biological Oxygen Demand (BOD) at 27°C for 3 days	552.0	mg/l	IS 3025 (Part 44), 2019
Oil and Grease	6.20	mg/l	IS: 3025 Part-39-2019
Chloride as Cl ⁻	25.0	mg/l	APHA 4500 CL B23rd Ed- 2017
Sulphate as SO ₄	06.65	mg/l	IS: 3025 Part-24-2019



Handwritten signature of Vinod Hande

Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

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TEST REPORT		
Test Report No: GESEC/PRO/WW/2022-23/01/430	Report Date	14.01.2023
Sample Id: GESEC/PRO/WW/2022-23/01/430	Sample Details	ETP Outlet
Client Details Name & Address: M/s. Aarti Pharmalabs Ltd, Unit No. III, Plot No. K- 17, 18 & 19, MIDC, Tarapur, Boisar.	Type of Sample	Waste Water
	Volume Of Sample	1L plastic Bottle +1L Glass Bottle
	Sample Status	Sealed
	Sample Collected By	M/s. Shree Swami Samarth Environmental Consultant.
	Date of Sample Collection	09.01.2023
	Sample Receipt Date	09.01.2023
	Analysis start Date	09.01.2023
	Analysis End Date	14.01.2023

Parameters	Results	MPCB Limit	Unit	Standard Method
pH	7.18	5.5 to 9.0	--	APHA 4500 H+(PART B):23 rd Ed :2017
Total Suspended Solid	52.0	<100	mg/l	APHA 2540 D 23 rd ED:2017
Total Dissolved Solid	1453.0	<2100	mg/l	APHA 2540,C,23rd Edition, 2017
Chemical Oxygen Demand (COD)	213.0	<250	mg/l	IS 3025 (Part 58) , 2019
Biological Oxygen Demand (BOD) at 27°C for 3 days	58.0	<100	mg/l	IS 3025 (Part 44), 2019
Oil and Grease	BDL	<10	mg/l	IS: 3025 Part-39-2019
Chloride as Cl ⁻	07.49	<600	mg/l	APHA 4500 CL B23rd Ed- 2017
Sulphate as SO ₄	BDL	<1000	mg/l	IS: 3025 Part-24-2019

Remark:

- All parameters are within the MPCB limit.
- BDL Below Detectable Limit.



V. Hande
 Mr. Vinod Hande
 (Technical Manager)
 Reviewed & Authorized By

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TEST REPORT		
Test Report No: GESEC/PRO/WW/2023-24/04/433	Report Date	29.04.2023
Sample Id: GESEC/PRO/WW/2023-24/04/433	Sample Details	ETP Outlet
Client Details Name & Address: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.	Type of Sample	Waste Water
	Volume Of Sample	1 Lit plastic bottle +1 Lit Glass bottle
	Sample Status	Sealed
	Sample Collected By	M/s. Shree Swami Samarth Environmental Consultant.
	Date of Sample Collection	24.04.2023
	Sample Receipt Date	25.04.2023
	Analysis start Date	25.04.2023
	Analysis End Date	29.04.2023

Parameters	Results	MPCB Limit	Unit	Standard Method
pH	7.22	5.5 to 9.0	--	APHA 4500 H+(PART B):23 rd Ed :2017
Total Suspended Solid	50.0	<100	mg/l	APHA 2540 D 23 rd ED:2017
Total Dissolved Solid	1445.0	<2100	mg/l	APHA 2540,C,23rd Edition, 2017
Chemical Oxygen Demand (COD)	210.0	<250	mg/l	IS 3025 (Part 58) , 2019
Biological Oxygen Demand (BOD) at 27°C for 3 days	55.0	<100	mg/l	IS 3025 (Part 44), 2019
Oil and Grease	BDL	<10	mg/l	IS: 3025 Part-39-2019
Chloride as Cl ⁻	06.34	<600	mg/l	APHA 4500 CL B23rd Ed- 2017
Sulphate as SO ₄	BDL	<1000	mg/l	IS: 3025 Part-24-2019

Remark:

- All parameters are within the MPCB limit.
- BDL Below Detectable Limit.



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Mr. Vinod Hande
(Technical Manager)
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*** END OF REPORT***

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/01/417		Report Date	13.01.2023
Sample ID: -	GESEC/PRO/AAQM/2022-23/01/417			
Name & Address of the Customer:	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near Fire Hydrant Pump (Gate No. 2)		M/s. Shree Swami Samarth Environmental Consultant.	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09.30 AM (09.01.2023)	09.30 AM (10.01.2023)		24.0 Hrs.	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	30 °C/ 26 °C	Wet Bulb Temperature °C	22°C	
Dry Bulb Temperature °C	26 °C	Relative Humidity % RH	71 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09.01.2023	11.01.2023	11.01.2023	13.01.2023	
Name of Instrument	SEC/TAR/AFDS/3019	Date of Calibration	11.10.2022	
Calibration Certificate No.	EI/FF/2120	Due Date of Calibration	10.10.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	17.08
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	12.69
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	56.25
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	27.98
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL
Remark-	<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 			



Hande
 Mr. Vinod Hande
 (Technical Manager)
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END OF REPORTPUNE

Page 1 of 1

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/01/418		Report Date	13.01.2023
Sample ID: -	GESEC/PRO/AAQM/2022-23/01/418			
Name & Address of the Customer:	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Back side of Caffeine PP Area	M/s. Shree Swami Samarth Environmental Consultant.		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
09.30 AM (09.01.2023)	09.30 AM (10.01.2023)	24.0 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	30 °C/ 26 °C	Wet Bulb Temperature °C	22°C	
Dry Bulb Temperature °C	26 °C	Relative Humidity % RH	71 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09.01.2023	11.01.2023	11.01.2023	13.01.2023	
Name of Instrument	SEC/TAR/AFDS/5017	Date of Calibration	11.10.2022	
Calibration Certificate No.	EI/FF/2116	Due Date of Calibration	10.10.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	16.48
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	12.65
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	60.17
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	29.06
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL
Remark-	<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 			
  				
<p>****END OF REPORT****</p> <p>Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p>				

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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2022-23/01/423	Report Date	13.01.2023
Sample ID: -	GESEC/PRO/AAQM/2022-23/01/423		
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		

Ambient Air Sample Details

Type	Sampling Location	Sampling done by
Ambient Air	Near Main Gate (Gate No. 1)	M/s. Shree Swami Samarth Environmental Consultant.

Sampling Time

Start Time	Stop Time	Total Hrs.
09.30 AM (09.01.2023)	09.30 AM (10.01.2023)	24.0 Hrs.

Metrological Data/Environmental Conditions

Ambient Temperature °C	30 °C/ 26 °C	Wet Bulb Temperature °C	22°C
Dry Bulb Temperature °C	26 °C	Relative Humidity % RH	71 %

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
09.01.2023	11.01.2023	11.01.2023	13.01.2023

Name of Instrument	SEC/TAR/AFDS/21714	Date of Calibration	08.06.2022
Calibration Certificate No.	EI/FF/768	Due Date of Calibration	07.06.2023

Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	15.21
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	08.34
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	55.68
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	33.21
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL

Remark-

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.



Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2022-23/01/424	Report Date	13.01.2023
Sample ID: -	GESEC/PRO/AAQM/2022-23/01/424		

Name & Address of the Customer
M/s. Aarti Pharmed Labs Ltd,
Unit- III, Plot No. K-17, 18 & 19,
MIDC, Tarapur, Boisar.

Ambient Air Sample Details

Type	Sampling Location	Sampling done by
Ambient Air	Near ETP Area (Gate No. 4)	M/s. Shree Swami Samarth Environmental Consultant.

Sampling Time

Start Time	Stop Time	Total Hrs.
10.00 AM (09.01.2023)	10.00 AM (10.01.2023)	24.0 Hrs.

Metrological Data/Environmental Conditions

Ambient Temperature °C	30 °C/ 26 °C	Wet Bulb Temperature °C	22°C
Dry Bulb Temperature °C	26 °C	Relative Humidity % RH	71 %

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
09.01.2023	11.01.2023	11.01.2023	13.01.2023

Name of Instrument	SEC/TAR/AFDS/21114	Date of Calibration	08.06.2022
Calibration Certificate No.	EI/FF/765	Due Date of Calibration	07.06.2023

Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	14.36
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	11.59
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	58.14
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	28.04
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition, 2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition, 2013	µg/m ³	≤ 400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL

Remark-

- > All above results are within National Ambient Air Quality standards.
- > BDL – Below Detectable Limit.



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TEST REPORT




Test Report No: -	GESEC/PRO/AAQM/2023-24/04/421	Report Date	28.04.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/04/421			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Main Gate (Gate No. 1)	M/s. Shree Swami Samarth Environmental Consultant.		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
09.40 AM (24.04.2023)	09.40 AM (25.04.2023)	24.0 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	32 °C/ 29 °C	Wet Bulb Temperature °C	25 °C	
Dry Bulb Temperature °C	29 °C	Relative Humidity % RH	73 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Name of Instrument	SEC/TAR/AFDS/21714	Date of Calibration	08.06.2022	
Calibration Certificate No.	EI/FF/768	Due Date of Calibration	07.06.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	12.10
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	07.50
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	51.24
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	30.16
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	mg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL
Remark-				
<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 				
				
		<p>Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p>		

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/04/422		Report Date	28.04.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/04/422			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near ETP Area (Gate No. 4)		M/s. Shree Swami Samarth Environmental Consultant.	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.00 AM (24.04.2023)	10.00 AM (25.04.2023)		24.0 Hrs.	
Metrological Data/Environmental Conditions				
Ambient Temperature °c	32 °C/ 29 °C	Wet Bulb Temperature °c	25°C	
Dry Bulb Temperature °c	29 °C	Relative Humidity % RH	73 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Name of Instrument	SEC/TAR/AFDS/21114	Date of Calibration	08.06.2022	
Calibration Certificate No.	EI/FF/765	Due Date of Calibration	07.06.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	16.35
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	09.84
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	54.25
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	26.76
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	mg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL
Remark-				
<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 				
		 *** END OF REPORT ***		
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/04/425		Report Date	28.04.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/04/425			
Name & Address of the Customer:	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Fire Hydrant Pump (Gate No. 2)	M/s. Shree Swami Samarth Environmental Consultant.		
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.30 AM (24.04.2023)	10.30 AM (25.04.2023)		24.0 Hrs.	
Metrological Data/Environmental Conditions				
Ambient Temperature °c	32 °C/ 29 °C	Wet Bulb Temperature °c	25°C	
Dry Bulb Temperature °c	29 °C	Relative Humidity % RH	73 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Name of Instrument	SEC/TAR/AFDS/3019	Date of Calibration	11.10.2022	
Calibration Certificate No.	EI/FF/2120	Due Date of Calibration	10.10.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.10
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	15.47
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	53.10
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	25.19
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	mg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL
Remark-	<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 			
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By
*** END OF REPORT ***				

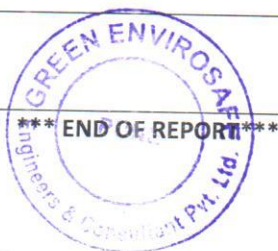
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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/04/426		Report Date	28.04.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/04/426				
Name & Address of the Customer:	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.				
Ambient Air Sample Details					
Type	Sampling Location		Sampling done by		
Ambient Air	Near Back side of Caffeine PP Area		M/s. Shree Swami Samarth Environmental Consultant.		
Sampling Time					
Start Time	Stop Time		Total Hrs.		
11.00 AM (24.04.2023)	11.00 AM (25.04.2023)		24.0 Hrs.		
Metrological Data/Environmental Conditions					
Ambient Temperature °c	32 °C/ 29 °C		Wet Bulb Temperature °c	25°C	
Dry Bulb Temperature °c	29 °C		Relative Humidity % RH	73 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
24.04.2023	26.04.2023	26.04.2023	28.04.2023		
Name of Instrument	SEC/TAR/AFDS/5017	Date of Calibration	11.10.2022		
Calibration Certificate No.	EI/FF/2116	Due Date of Calibration	10.10.2023		
Parameters	Method	Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	17.55	
Oxides Of Nitrogen (NO _x)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	11.63	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	58.42	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	27.98	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	BDL	
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	BDL	
Carbon Monoxide (CO)	IS:5182 (PART 10):2019	mg/M ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS:5182 (PART 11):2019	µg/M ³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	IS:5182 (PART 12):2019	ng/M ³	≤ 01	BDL	
Arsenic (As)	IS:5182 (PART 22):2019	ng/M ³	≤ 06	BDL	
Nickel (Ni)	IS:5182 (PART 26):2019	ng/M ³	≤ 20	BDL	
Lead (Pb)	IS:5182 (PART 22):2019	µg/M ³	1.00	BDL	
Remark-					
<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 					



V. Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/01/414	Report Date	13.01.2023	
Sample ID -	GESEC/PRO/ST/2022-23/01/414			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
09.01.2023	11.01.2023	11.01.2023	13.01.2023	
Instrument Details				
Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022	
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
	Boiler (10 Ton/hr.)		M/s. Shree Swami Samarth Environmental Consultant.	
Shape	Round	Fuel Used	Coal	
Diameter/ Dimensions (m)	0.7	Pressure	2.6	
Height (m)	35 mtr.			
Temperature (°k)	443	Velocity (m/s)	6.44	
Gas Volume (Nm ³)	6003.35			
Parameters				
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	78.01
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	408.14
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤350	58.80
Oxides of Nitrogen (NO _x)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	05.04
Remarks-				
➤ All above results are well within MPCB Limit.				



Vinod

Mr. Vinod Hande
(Technical Manager)
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END OF REPORT

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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/01/415	Report Date	13.01.2023
Sample ID -	GESEC/PRO/ST/2022-23/01/415		

Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
09.01.2023	11.01.2023	11.01.2023	13.01.2023

Instrument Details

Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023

Stack Details

Stack No/ID	Stack Attached to	Sampling done by
	Scrubber HCL (Alkali Scrubber)	M/s. Shree Swami Samarth Environmental Consultant.
Shape	Round	Fuel Used
Diameter/ Dimensions (m)	0.25	Pressure
Height (m)	6.0mtr.	
Temperature (°k)	332	Velocity (m/s)
Gas Volume (Nm ³)	775.78	4.89

Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	40.27
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	73.60
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	-	01.37
Oxides of Nitrogen (NO _x)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	03.01
Acid Mist	EPA METHOD	mg/Nm ³	≤35	04.16

Remarks-

- All above results are well within MPCB Limit.



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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/01/425	Report Date	13.01.2023
Sample ID -	GESEC/PRO/ST/2022-23/01/425		

Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.
---	--

Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
09.01.2023	11.01.2023	11.01.2023	13.01.2023

Instrument Details

Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023

Stack Details

Stack No/ID	Stack Attached to		Sampling done by
	D. G. Set (600 KVA)		M/s. Shree Swami Samarth Environmental Consultant.
Shape	Round	Fuel Used	HSD
Diameter/ Dimensions (m)	0.20	Pressure	2.0
Height (m)	5 m above the roof		
Temperature (°k)	361	Velocity (m/s)	05.10
Gas Volume (Nm³)	476.14		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	66.17
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	58.09
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤5.4	0.663
Oxides of Nitrogen (NOx)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	BDL

Remarks-

- All above results are well within MPCB Limit.



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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/01/426		Report Date	13.01.2023
Sample ID -	GESEC/PRO/ST/2022-23/01/426			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
09.01.2023	11.01.2023	11.01.2023	13.01.2023	
Instrument Details				
Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022	
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
	Process Stack Nitroso Uracil (Wet Scrubber)		M/s. Shree Swami Samarth Environmental Consultant.	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions (m)	0.4	Pressure	2.2	
Height (m)	6.0 mtr.	Velocity (m/s)	5.07	
Temperature (°k)	324			
Gas Volume (Nm³)	2108.49			
Parameters				
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	07.04
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	66.97
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	-	03.38
Oxides of Nitrogen (NO _x)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	03.10
Acid Mist	EPA METHOD	mg/Nm ³	≤35	04.19
Remarks-				
➤ All above results are well within MPCB Limit.				



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TEST REPORT

Test Report No	GESEC/PRO/ST/2023-24/04/428	Report Date	28.04.2023
Sample ID -	GESEC/PRO/ST/2023-24/04/428		

Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
24.04.2023	26.04.2023	26.04.2023	28.04.2023

Instrument Details

Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023

Stack Details

Stack No/ID	Stack Attached to		Sampling done by
	D. G. Set (600 KVA)		M/s. Shree Swami Samarth Environmental Consultant.
Shape	Round	Fuel Used	HSD
Diameter/ Dimensions (m)	0.20	Pressure	2.0
Height (m)	5 m above the roof		
Temperature (°k)	365	Velocity (m/s)	05.13
Gas Volume (Nm ³)	473.52		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	69.21
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	55.46
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤ 5.4	0.630
Oxides of Nitrogen (NO _x)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	BDL

Remarks-

➤ All above results are well within MPCB Limit.



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TEST REPORT

Test Report No	GESEC/PRO/ST/2023-24/04/429		Report Date	28.04.2023
Sample ID -	GESEC/PRO/ST/2023-24/04/429			
Name & Address of the Customer	M/s. Aarti Pharamalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Instrument Details				
Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022	
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
	Process Stack Nitroso Uracil (Wet Scrubber)		M/s. Shree Swami Samarth Environmental Consultant.	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions (m)	0.4	Pressure	2.2	
Height (m)	6.0 mtr.			
Temperature (°k)	321	Velocity (m/s)	5.04	
Gas Volume (Nm³)	2118.32			
Parameters				
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	05.10
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	61.29
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	-	03.11
Oxides of Nitrogen (NO _x)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	02.05
Acid Mist	EPA METHOD	mg/Nm ³	≤35	06.90
Remarks-				
➤ All above results are well within MPCB Limit.				



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TEST REPORT

Test Report No	GESEC/PRO/ST/2023-24/04/430	Report Date	28.04.2023	
Sample ID -	GESEC/PRO/ST/2023-24/04/430			
Name & Address of the Customer	M/s. Aarti Pharamalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Instrument Details				
Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022	
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
	Boiler (10 Ton/hr.)		M/s. Shree Swami Samarth Environmental Consultant.	
Shape	Round	Fuel Used	Coal	
Diameter/ Dimensions (m)	0.7	Pressure	2.6	
Height (m)	35 mtr.			
Temperature (°k)	438	Velocity (m/s)	6.40	
Gas Volume (Nm ³)	6037.52			
Parameters				
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	73.10
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	396.42
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤350	57.44
Oxides of Nitrogen (NOx)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	07.24
Remarks-				
➤ All above results are well within MPCB Limit.				



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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/04/431	Report Date	28.04.2023	
Sample ID -	GESEC/PRO/ST/2023-24/04/431			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
24.04.2023	26.04.2023	26.04.2023	28.04.2023	
Instrument Details				
Name of Instrument	SEC/TAR/SMK/10B/8014	Date of Calibration	08.06.2022	
Certificate No	EI/FF/762	Due Date of Calibration	07.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
	Scrubber HCL (Alkali Scrubber)		M/s. Shree Swami Samarth Environmental Consultant.	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions (m)	0.25	Pressure	2.0	
Height (m)	6.0mtr.			
Temperature (°k)	330	Velocity (m/s)	4.87	
Gas Volume (Nm ³)	778.12			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	IS 11255 (Part 1) 2019	mg/Nm ³	≤ 150.0	44.16
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	69.54
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	-	01.29
Oxides of Nitrogen (NOx)	IS:11255 (Part -7) : 2017	mg/Nm ³	-	03.72
Acid Mist	EPA METHOD	mg/Nm ³	≤35	06.38
Remarks-				
➤ All above results are well within MPCB Limit.				
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TEST REPORT							
Test Report No: - GESEC/PRO/ANLM/2022-23/01/419			Date of Report		13.01.2023		
Sample ID: - GESEC/PRO/ANLM/2022-23/01/419			Date of Sampling		09.01.2023		
M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			Start Date of Analysis		09.01.2023		
			End Date of Analysis		11.01.2023		
			Location		Near Main Gate (Gate No.1)		
Sample Collected By			M/s. Shree Swami Samarth Environmental Consultant.				
Standard method			IS: 9989:2020				
Calibration Detail							
Name of Instrument		SEC/TAR/SL-4030		Date of Calibration		11.10.2022	
Calibration Certificate No		EI/ME/494		Due Date of Calibration		10.10.2023	
Ambient Noise Level Monitoring Report							
Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
09/01/2023	09:20:00	69.2	09/01/2023	21:20:00	69.4	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
09/01/2023	10:20:00	71.4	09/01/2023	22:20:00	63.1	dB(A)	
09/01/2023	11:20:00	70.1	09/01/2023	23:20:00	62.1	dB(A)	
09/01/2023	12:20:00	68.4	10/01/2023	24:20:00	65.3	dB(A)	
09/01/2023	13:20:00	66.3	10/01/2023	01:20:00	63.3	dB(A)	
09/01/2023	14:20:00	68.4	10/01/2023	02:20:00	69.4	dB(A)	
09/01/2023	15:20:00	66.4	10/01/2023	03:20:00	64.1	dB(A)	
09/01/2023	16:20:00	69.5	10/01/2023	04:20:00	61.2	dB(A)	
09/01/2023	17:20:00	71.8	10/01/2023	05:20:00	67.5	dB(A)	
09/01/2023	18:20:00	68.6	10/01/2023	06:20:00	66.6	dB(A)	
09/01/2023	19:20:00	67.2	10/01/2023	07:20:00	61.2	dB(A)	
09/01/2023	20:20:00	66.6	10/01/2023	08:20:00	62.6	dB(A)	
Day Time Leq		67.4					
Night Time Leq		64.7					
Remark- > All above Noise level results are within Central Pollution Control Board Standards limit. > Day/Night -75/70 dB.							



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TEST REPORT			
Test Report No: - GESEC/PRO/ANLM/2022-23/01/420		Date of Report	13.01.2023
Sample ID: - GESEC/PRO/ANLM/2022-23/01/420		Date of Sampling	09.01.2023
M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis	09.01.2023
		End Date of Analysis	11.01.2023
		Location	Near ETP Area (Gate No. 4)
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.	
Standard method		IS: 9989:2020	
Calibration Detail			
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration	11.10.2022
Calibration Certificate No	EI/ME/494	Due Date of Calibration	10.10.2023

Ambient Noise Level Monitoring Report							
Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
10/01/2023	09:20:00	72.0	10/01/2023	21:20:00	65.3	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
10/01/2023	10:20:00	71.1	10/01/2023	22:20:00	64.7	dB(A)	
10/01/2023	11:20:00	70.6	10/01/2023	23:20:00	62.8	dB(A)	
10/01/2023	12:20:00	70.7	11/01/2023	24:20:00	61.7	dB(A)	
10/01/2023	13:20:00	69.8	11/01/2023	01:20:00	62.6	dB(A)	
10/01/2023	14:20:00	68.2	11/01/2023	02:20:00	65.6	dB(A)	
10/01/2023	15:20:00	72.1	11/01/2023	03:20:00	67.1	dB(A)	
10/01/2023	16:20:00	71.4	11/01/2023	04:20:00	61.3	dB(A)	
10/01/2023	17:20:00	68.2	11/01/2023	05:20:00	64.4	dB(A)	
10/01/2023	18:20:00	69.7	11/01/2023	06:20:00	66.3	dB(A)	
10/01/2023	19:20:00	64.3	11/01/2023	07:20:00	70.5	dB(A)	
10/01/2023	20:20:00	69.4	11/01/2023	08:20:00	71.9	dB(A)	
Day Time Leq		69.1					
Night Time Leq		63.6					

Remark-




- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.


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TEST REPORT							
Test Report No: - GESEC/PRO/ANLM/2022-23/01/421		Date of Report		13.01.2023			
Sample ID: - GESEC/PRO/ANLM/2022-23/01/421		Date of Sampling		09.01.2023			
M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis		09.01.2023			
		End Date of Analysis		11.01.2023			
		Location		Near Fire Hydrant Pump House (Gate No. 2)			
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.					
Standard method		IS: 9989:2020					
Calibration Detail							
Name of Instrument		SEC/TAR/SL-4030		Date of Calibration		11.10.2022	
Calibration Certificate No		EI/ME/494		Due Date of Calibration		10.10.2023	
Ambient Noise Level Monitoring Report							
Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
11/01/2023	09:20:00	72.1	11/01/2023	21:20:00	65.4	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
11/01/2023	10:20:00	69.1	11/01/2023	22:20:00	64.3	dB(A)	
11/01/2023	11:20:00	70.4	11/01/2023	23:20:00	62.1	dB(A)	
11/01/2023	12:20:00	68.4	12/01/2023	24:20:00	69.7	dB(A)	
11/01/2023	13:20:00	67.3	12/01/2023	01:20:00	66.6	dB(A)	
11/01/2023	14:20:00	70.1	12/01/2023	02:20:00	65.1	dB(A)	
11/01/2023	15:20:00	72.1	12/01/2023	03:20:00	64.1	dB(A)	
11/01/2023	16:20:00	69.4	12/01/2023	04:20:00	62.7	dB(A)	
11/01/2023	17:20:00	69.9	12/01/2023	05:20:00	63.9	dB(A)	
11/01/2023	18:20:00	68.3	12/01/2023	06:20:00	66.0	dB(A)	
11/01/2023	19:20:00	65.8	12/01/2023	07:20:00	70.1	dB(A)	
11/01/2023	20:20:00	66.6	12/01/2023	08:20:00	66.8	dB(A)	
Day Time Leq		68.3					
Night Time Leq		64.8					
Remark-							
<ul style="list-style-type: none"> ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB. 							
						 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

END OF REPORT

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TEST REPORT							
Test Report No: - GESEC/PRO/ANLM/2022-23/01/422		Date of Report		13.01.2023			
Sample ID: - GESEC/PRO/ANLM/2022-23/01/422		Date of Sampling		09.01.2023			
M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis		09.01.2023			
		End Date of Analysis		11.01.2023			
		Location		Near Back Side of Caffeine PP Area			
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.					
Standard method		IS: 9989:2020					
Calibration Detail							
Name of Instrument		SEC/TAR/SL-4030		Date of Calibration		11.10.2022	
Calibration Certificate No		EI/ME/494		Due Date of Calibration		10.10.2023	
Ambient Noise Level Monitoring Report							
Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
12/01/2023	09:20:00	72.1	12/01/2023	21:20:00	67.9	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
12/01/2023	10:20:00	69.4	12/01/2023	22:20:00	65.3	dB(A)	
12/01/2023	11:20:00	70.2	12/01/2023	23:20:00	67.1	dB(A)	
12/01/2023	12:20:00	68.3	13/01/2023	24:20:00	68.6	dB(A)	
12/01/2023	13:20:00	71.4	13/01/2023	01:20:00	69.0	dB(A)	
12/01/2023	14:20:00	70.9	13/01/2023	02:20:00	67.1	dB(A)	
12/01/2023	15:20:00	72.5	13/01/2023	03:20:00	64.1	dB(A)	
12/01/2023	16:20:00	71.3	13/01/2023	04:20:00	65.3	dB(A)	
12/01/2023	17:20:00	70.1	13/01/2023	05:20:00	70.6	dB(A)	
12/01/2023	18:20:00	69.3	13/01/2023	06:20:00	68.4	dB(A)	
12/01/2023	19:20:00	68.1	13/01/2023	07:20:00	67.6	dB(A)	
12/01/2023	20:20:00	66.7	13/01/2023	08:20:00	66.7	dB(A)	
Day Time Leq		69.1					
Night Time Leq		67.4					
Remark-							
<ul style="list-style-type: none"> ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB. 							
						 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

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TEST REPORT

Test Report No: - GESEC/PRO/ANLM/2023-24/04/418		Date of Report	28.04.2023
Sample Id :-GESEC/PRO/ANLM/2023-24/04/418		Date of Sampling	24.04.2023 - 25.04.2023
Name & Address of the Customer: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis	25.04.2023
		End Date of Analysis	25.04.2023
		Location	Near Fire Hydrant Pump House (Gate No. 2)
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.	
Standard method		IS: 9989:2020	
Calibration Detail			
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration	11.10.2022
Calibration Certificate No	EI/ME/494	Due Date of Calibration	10.10.2023

Ambient Noise Level Monitoring Report

Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
24/04/2023	09:40:00	68.2	24/04/2023	21:40:00	63.2	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
24/04/2023	10:40:00	66.4	24/04/2023	22:40:00	62.1	dB(A)	
24/04/2023	11:40:00	65.3	24/04/2023	23:40:00	61.4	dB(A)	
24/04/2023	12:40:00	63.5	25/04/2023	00:40:00	59.7	dB(A)	
24/04/2023	13:40:00	66.8	25/04/2023	01:40:00	60.6	dB(A)	
24/04/2023	14:40:00	69.7	25/04/2023	02:40:00	63.2	dB(A)	
24/04/2023	15:40:00	70.3	25/04/2023	03:40:00	65.7	dB(A)	
24/04/2023	16:40:00	67.6	25/04/2023	04:40:00	57.1	dB(A)	
24/04/2023	17:40:00	64.3	25/04/2023	05:40:00	56.8	dB(A)	
24/04/2023	18:40:00	65.2	25/04/2023	06:40:00	60.6	dB(A)	
24/04/2023	19:40:00	64.5	25/04/2023	07:40:00	58.8	dB(A)	
24/04/2023	20:40:00	67.6	25/04/2023	08:40:00	64.2	dB(A)	
Day Time Leq		65.3					
Night Time Leq		60.8					

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.

*Hande*

Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

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TEST REPORT

Test Report No: - GESEC/PRO/ANLM/2023-24/04/419	Date of Report	28.04.2023
Sample Id :- GESEC/PRO/ANLM/2023-24/04/419	Date of Sampling	25.04.2023 - 26.04.2023
Name & Address of the Customer: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.	Start Date of Analysis	26.04.2023
	End Date of Analysis	26.04.2023
	Location	Near Back Side of Caffeine PP Area

Sample Collected By	M/s. Shree Swami Samarth Environmental Consultant.
Standard method	IS: 9989:2020

Calibration Detail

Name of Instrument	SEC/TAR/Q-623353	Date of Calibration	11.10.2022
Calibration Certificate No	EI/ME/493	Due Date of Calibration	10.10.2023

Ambient Noise Level Monitoring Report

Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
25/04/2023	09:45:00	68.5	25/04/2023	21:45:00	68.4	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
25/04/2023	10:45:00	67.1	25/04/2023	22:45:00	63.8	dB(A)	
25/04/2023	11:45:00	65.3	25/04/2023	23:45:00	64.1	dB(A)	
25/04/2023	12:45:00	69.4	26/04/2023	24:45:00	66.8	dB(A)	
25/04/2023	13:45:00	70.1	26/04/2023	01:45:00	62.5	dB(A)	
25/04/2023	14:45:00	69.3	26/04/2023	02:45:00	61.8	dB(A)	
25/04/2023	15:45:00	71.8	26/04/2023	03:45:00	60.9	dB(A)	
25/04/2023	16:45:00	70.6	26/04/2023	04:45:00	68.1	dB(A)	
25/04/2023	17:45:00	69.2	26/04/2023	05:45:00	66.1	dB(A)	
25/04/2023	18:45:00	68.7	26/04/2023	06:45:00	63.4	dB(A)	
25/04/2023	19:45:00	67.2	26/04/2023	07:45:00	68.8	dB(A)	
25/04/2023	20:45:00	64.1	26/04/2023	08:45:00	67.3	dB(A)	
Day Time Leq		70.7					
Night Time Leq		64.4					

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.



Hande
Mr. Vinod Hande
 (Technical Manager)
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TEST REPORT

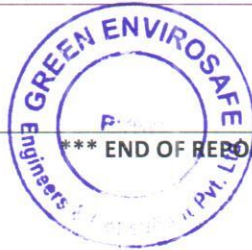
Test Report No: - GESEC/PRO/ANLM/2023-24/04/423		Date of Report	28.04.2023
Sample Id :- GESEC/PRO/ANLM/2023-24/04/423		Date of Sampling	24.04.2023 - 25.04.2023
Name & Address of the Customer: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis	25.04.2023
		End Date of Analysis	25.04.2023
		Location	Near Main Gate (Gate No.1)
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.	
Standard method		IS: 9989:2020	
Calibration Detail			
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration	11.10.2022
Calibration Certificate No	EI/ME/494	Due Date of Calibration	10.10.2023

Ambient Noise Level Monitoring Report

Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)	
24/04/2023	09:30:00	66.3	24/04/2023	21:30:00	67.8	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70	
24/04/2023	10:30:00	68.5	24/04/2023	22:30:00	63.6	dB(A)		
24/04/2023	11:30:00	69.2	24/04/2023	23:30:00	64.1	dB(A)		
24/04/2023	12:30:00	67.1	25/04/2023	00:30:00	66.2	dB(A)		
24/04/2023	13:30:00	68.2	25/04/2023	01:30:00	62.1	dB(A)		
24/04/2023	14:30:00	69.3	25/04/2023	02:30:00	61.7	dB(A)		
24/04/2023	15:30:00	64.2	25/04/2023	03:30:00	63.2	dB(A)		
24/04/2023	16:30:00	67.4	25/04/2023	04:30:00	60.8	dB(A)		
24/04/2023	17:30:00	70.6	25/04/2023	05:30:00	59.1	dB(A)		
24/04/2023	18:30:00	69.2	25/04/2023	06:30:00	63.8	dB(A)		
24/04/2023	19:30:00	66.1	25/04/2023	07:30:00	65.7	dB(A)		
24/04/2023	20:30:00	65.2	25/04/2023	08:30:00	64.5	dB(A)		
Day Time Leq		67.0						
Night Time Leq		62.6						

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.



Handwritten Signature

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TEST REPORT

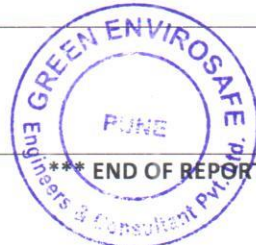
Test Report No: - GESEC/PRO/ANLM/2023-24/04/424		Date of Report		28.04.2023	
Sample Id :- GESEC/PRO/ANLM/2023-24/04/424		Date of Sampling		25.04.2023 - 26.04.2023	
Name & Address of the Customer: M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.		Start Date of Analysis		26.04.2023	
		End Date of Analysis		26.04.2023	
		Location		Near ETP Area (Gate No. 4)	
Sample Collected By		M/s. Shree Swami Samarth Environmental Consultant.			
Standard method		IS: 9989:2020			
Calibration Detail					
Name of Instrument		SEC/TAR/Q-623353		Date of Calibration	
Calibration Certificate No		EI/ME/493		11.10.2022	
				Due Date of Calibration	
				10.10.2023	

Ambient Noise Level Monitoring Report

Date	Timing	Result dB(A) Day	Date	Timing	Result dB(A) Night	Unit	CPCB Standards dB(A)
25/04/2023	09:45:00	71.5	25/04/2023	21:45:00	64.7	dB(A)	Day (6.00 a.m. to 10.00 p.m.) -75 Night (10.00 p.m. to 6.00 a.m.)-70
25/04/2023	10:45:00	70.6	25/04/2023	22:45:00	65.9	dB(A)	
25/04/2023	11:45:00	69.8	25/04/2023	23:45:00	66.2	dB(A)	
25/04/2023	12:45:00	71.7	26/04/2023	24:45:00	64.7	dB(A)	
25/04/2023	13:45:00	69.2	26/04/2023	01:45:00	61.6	dB(A)	
25/04/2023	14:45:00	67.6	26/04/2023	02:45:00	63.1	dB(A)	
25/04/2023	15:45:00	71.4	26/04/2023	03:45:00	66.5	dB(A)	
25/04/2023	16:45:00	72.6	26/04/2023	04:45:00	65.1	dB(A)	
25/04/2023	17:45:00	70.8	26/04/2023	05:45:00	62.8	dB(A)	
25/04/2023	18:45:00	68.2	26/04/2023	06:45:00	65.2	dB(A)	
25/04/2023	19:45:00	65.1	26/04/2023	07:45:00	69.1	dB(A)	
25/04/2023	20:45:00	66.2	26/04/2023	08:45:00	98.6	dB(A)	
Day Time Leq		70.7					
Night Time Leq		64.4					

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.



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Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

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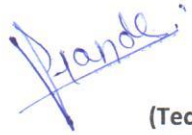
TEST REPORT				
Test Report No: -	GESEC/PRO/WNLM/2022-23/01/427		Report Date	13.01.2023
Sample ID: -	GESEC/PRO/WNLM/2022-23/01/427			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Work Zone Noise Sample Details				
Type	Work zone Noise			
Sampling done by	M/s. Shree Swami Samarth Environmental Consultant.			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09.01.2023	11.01.2023	11.01.2023	13.01.2023	
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration	11.10.2022	
Calibration Certificate No.	EI/ME/494	Due Date of Calibration	10.10.2023	
Test Location	Unit	Average Noise Level Readings		The Factories Act 1948, standards
		Day	Night	
Near Main Gate	dB(A)	69.3	67.2	≤90
Near Boiler House	dB(A)	71.0	68.1	
In Production- 1 (Caffeine Plant)	dB(A)	70.5	67.9	
In Production- 2 (Theo Plant)	dB(A)	68.7	66.1	
In PP Area In Production	dB(A)	70.2	68.3	
In Production- 3 (Process Nitro SOP)	dB(A)	68.1	65.8	
Chilling Plant	dB(A)	71.1	69.7	
Remark-				
➤ The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

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TEST REPORT				
Test Report No: -	GESEC/WNLM/2023-24/04/427	Report Date	28.04.2023	
Sample ID: -	GESEC/WNLM/2023-24/04/427			
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.			
Work Zone Noise Sample Details				
Type	Work zone Noise			
Sampling done by	M/s. Shree Swami Samarth Environmental Consultant.			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24.04.2023	24.04.2023	24.04.2023	24.04.2023	
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration	11.10.2022	
Calibration Certificate No.	EI/ME/494	Due Date of Calibration	10.10.2023	
Test Location	Unit	Average Noise Level Readings		The Factories Act 1948, standards
		Day	Night	
Near Main Gate	dB(A)	68.2	66.1	≤90
Near Boiler House	dB(A)	72.3	69.2	
In Production- 1 (Caffeine Plant)	dB(A)	69.8	65.7	
In Production- 2 (Theo Plant)	dB(A)	66.2	63.1	
In PP Area In Production	dB(A)	70.9	67.6	
In Production- 3 (Process Nitro SOP)	dB(A)	65.7	62.1	
Chilling Plant	dB(A)	69.4	64.5	
Remark-				
➤ The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

End of Report

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024 and NABL approved by Quality Council of India. From date 01/03/2022 to 29/02/2024.

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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2022-23/01/416				Report Date	13.01.2023
Sample ID: -	GESEC/PRO/DIL/2022-23/01/416					
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.					
DG Noise Monitoring Report						
Type	Noise (D. G. Insertion Loss)					
Sampling done by	M/s. Shree Swami Samarth Environmental Consultant.					
Standard method	As Per IS: 9989:2020					
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date		
09.01.2023	11.01.2023	11.01.2023		13.01.2023		
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration		11.10.2022		
Calibration Certificate No.	EI/ME/494	Due Date of Calibration		10.10.2023		
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
1. D. G. Set (600 KVA)						
Door Open	81.7	83.5	82.8	80.2	82.0	25.6
Door Closed	55.6	58.1	56.7	55.2	56.4	
Remark-						
➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
						
					Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

END OF REPORT

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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2023-24/04/420				Report Date	28.04.2023
Sample ID: -	GESEC/PRO/DIL/2023-24/04/420					
Name & Address of the Customer	M/s. Aarti Pharmalabs Ltd, Unit- III, Plot No. K-17, 18 & 19, MIDC, Tarapur, Boisar.					
DG Noise Monitoring Report						
Type	Noise (D. G. Insertion Loss)					
Sampling done by	M/s. Shree Swami Samarth Environmental Consultant.					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
24.04.2023	24.04.2023	24.04.2023			24.04.2023	
Name of Instrument	SEC/TAR/SL-4030	Date of Calibration			11.10.2022	
Calibration Certificate No.	EI/ME/494	Due Date of Calibration			10.10.2023	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
1. D. G. Set (600 KVA)						
Door Open	81.5	82.9	82.2	80.4	81.7	25.9
Door Closed	55.1	56.3	56.9	55.1	55.8	
Remark-						
➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
						
					Mr. VinodHande (Technical Manager) Reviewed & Authorized By	

End of Report

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