AARTI PHARMALABS

O/C

To,
The Director ,
Ministry of environment & forests and climate change ,
Regional office,(WCZ),
Ground Floor,East Wing,
New Secretarial Building ,
Civil Lines,Nagpur -440001

Date: 22 .05.2023

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

Reference : Environmental clearance letter no.SEIAA-EC-0000000255 dated 26 April 2018 granted by SEIAA ,Govt.Of Maharashtra

Dear Sir,

With reference the above mentioned subject ,We are enclosing herewith the compliance report for the period of October- 2022 to March- 2023 with respect to the above mentioned Reference of environment Clearance for proposed expansion of industrial project at plot E-50 MIDC Tarapur ,Dist -Palghar. SEAC-I considered the project under screening category 5(f)B of EIA Notification 2006

The compliance report is support with required documents .

Thanking You

For Aarti Pharmalabs Ltd

Authorized signatory

CC:
1.The regional officer,
Central pollution control Board ,
Parivesh Bhawan ,Atmajyoti Ashram Rd,
Opp.VMC Ward Office No.10,Shubhanpura ,
Vadodara,Gujarat 390023

2.The Sub Regional office.
Maharashtra pollution control Board ,
Tarapur ,MIDC.

3.The Regional office.
Maharashtra pollution control Board ,
Thane.

22/05/2023

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

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Compliance to the conditions of the Environment Clearance granted to M/s. Aarti Pharmalabs Ltd. Plot E-50, MIDC, Tarapur, Dist: Palghar 401506

(File No.: SEIAA STATEMENT 00000000684/ SEIAA- Minutes 0000000374/ SEIAA EC-0000000255 Dated 19th April 2018 for the period October 2022 to March 2023)

EC Condition NO.	EC condition details	Compliance Status
2.	It is noted that the proposal is considered by SEAC-I under screening category 'B' Category, schedule 5(f) as per EIA Notification 2006.	**Noted and Agreed.**

3 to 21	**Brief Information of the project submitted by Project Proponent is as:**	**Noted and Agreed.**

Name of the Project	Expansion of Bulk Drug Manufacturing Capacity
Type of institution	Private
Name of Project proponent	Mr. Sanjay Vinayak Gokhale
Name of Consultant	Green Circle, Inc.
Type of Project	Industrial project at MIDC Tarapur
New project / expansion in existing projects/ modernization/ diversification in existing project	Expansion in Existing Project.
Location of the Project	Plot No, E-50, MIDC Tarapur, Tehsil: Palghar, District: Palghar, Maharashtra, India
Taluka	Palghar
Village	MIDC Area, Tarapur
Correspondence Name:	Mr. Sanjay Vinayak Gokhale
Room Number:	Plot no. E-50
Floor:	NA
Building Name:	M/s. Aarti Industries ltd.
Road/Street Name:	MIDC Tarapur
Locality:	MIDC Tarapur
City:	Tehsil- Palghar, Dist - Palghar, State- Maharashtra.
11.Area of the project	MIDC Area, Tarapur
12.IOD/IOA/Concession/Plan Approval Number	PLN/184/2006/VAM/2018/Vasai. Date: 28/07/2006
	IOD/IOA/Concession/Plan Approval Number: PLN/184/2006/VAM/2018/Vasai. Date: 28/07/2006

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 10629.77
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	250000000

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Production Details:

Sr. No.	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)	Average Production (MT/M)	Remark
01	Quinapril Hydrochloride	1.00	0.60	1.60	Month: Production MT Oct.-22: 0.0 Nov.-22: 0.0 Dec.-22: 0.0 Jan.-23: 0.0 Feb.-23: 0.0 Mar.-23: 0.0	Complied
02	Bambuterol Hydrochloride	0.05	1.45	1.50	Month: Production MT Oct.-22: 0.0 Nov.-22: 0.0 Dec.-22: 0.0 Jan.-23: 0.0 Feb.-23: 0.0 Mar.-23: 0.0	Complied
03	Venlafaxine Hydrochloride	4.00	6.00	10.00	Month: Production MT Oct.-22: 4.76 Nov.-22: 6.94 Dec.-22: 4.241 Jan.-23: 4.975 Feb.-23: 3.290 Mar.-23: 8.263	Complied
04	Ramipril	0.50	1.50	2.00	Month: Production MT Oct.-22: 1.41 Nov.-22: 1.19 Dec.-22: 1.704 Jan.-23: 2.165 Feb.-23: 1.149 Mar.-23: 1.0	Complied

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

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AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

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Plot E-50, MIDC Tarapur, Boisar

15	Mercaptopurine	0.18	2.30	2.48	Month: Production MT Oct.-22: 0.39 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.047	Complied
16	Mesna	0.10	0.90	1.00	Month: Production MT Oct.-22: 0.08 Nov.-22: 0.08 Dec.-22: 0.00 Jan.-23: 0.31 Feb.-23: 0.00 Mar.-23: 0.169	Complied
17	Ranolazine	0.42	5.48	5.90	Month: Production MT Oct.-22: 5.02 Nov.-22: 5.63 Dec.-22: 2.21 Jan.-23: 1.69 Feb.-23: 5.71 Mar.-23: 4.427	Complied
18	Lacidipine	0.10	0.00	0.10	Month: Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied
19	R-Salbutamol Sulphate	0.05	0.00	0.05	Month: Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

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<tr><td>Jan.-23</td><td>0.00</td></tr>
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AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

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AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

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AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

31.	Diflunisal	0.23	1.57	1.80	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.016	Complied
32	Loteprednol Etabonate	0.05	0.20	0.25	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.24 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.047	Complied
33	Mometasone Furoate Monohydrate	0.01	0.09	0.10	Month / Production MT Oct.-22: 0.01 Nov.-22: 0.02 Dec.-22: 0.01 Jan.-23: 0.022 Feb.-23: 0.01 Mar.-23: 0.032	Complied
34	Perindopril Arginine	0.10	0.40	0.50	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.02 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.0595 Mar.-23: 0.00	Complied

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

35	Phenylephrine HCL	2.50	5.00	7.50	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied
36	Other Bulk Drugs	0.50	0.00	0.50	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.0106 Dec.-22: 0.002 Jan.-23: 0.05 Feb.-23: 0.069 Mar.-23: 0.199	Complied
37	Desonide	0.00	0.10	0.10	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.025 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied
38	Leval Buterol Tartrate	0.00	0.25	0.25	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied
39	Perindopril A.Polymers	0.00	1.00	1.00	Month / Production MT Oct.-22: 0.00 Nov.-22: 0.00 Dec.-22: 0.00 Jan.-23: 0.00 Feb.-23: 0.00 Mar.-23: 0.00	Complied

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Water Budget:

Total Water Requirement:
Existing= 104 m3/day
Proposed = 141 m3/day
Fresh water (CMD):245
Source: MIDC, Tarapur.

Use of Water:
Cooling Water (CMD): 138
Industrial Process (CMD):90
Domestic (CMD): 15
Gardening (CMD) :02

Complied.

Water Consumption Data as per MIDC bills is as below:

Month	Total water consumption (KL/Month)	Average water consumption (CMD)
Oct.-22	5003	161.38
Nov.-22	5110	170.33
Dec.-22	4169	134.48
Jan.-23	3073	99.12
Feb.-23	2904	103.71
Mar.-23	2778	89.61

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Effluent Generation :

	Existing (CMD)	Proposed (CMD)	Total (CMD)
Domestic	8.80	3.20	12.00
Industrial	9.75 (Reaction Water)	40.15 (Reaction Water)	49.90
Cooling Tower & Thermopack	2.84	2.86	5.52
Total Effluent Generation (CMD)			55.42

- 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**	**1240**	**40**
2	**Nov.-22**	**1170**	**39**
3	**Dec.-22**	**1178**	**38**
4	**Jan.-23**	**1116**	**36**
5	**Feb.-23**	**1120**	**40**
6	**Mar.-23**	**1085**	**35**

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 same as also mentioned in our CTO, is attached as **Annexure-II**. Being a ZLD unit, no effluent is discharged to CETP.

Effluent Characteristics:

Sr. No.	Parameters (Mg/L. Except pH)	Inlet Effluent	Outlet Effluent	Effluent Discharge Standards
1.	pH	4.42	7.74	5.5-9.0
2.	COD	18400	208	250
3.	BOD	5152	41	30
4.	TDS	7836	4408	2100
5.	Oil & Grease	ND	ND	10

Noted and Agree.

- 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 analyse the treated effluent and quarterly analysis by MoEF Approved laboratory.
- Refer MoEF approved laboratory analysis results Annexure-III.

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Effluent Treatment System / Technology to be used For 55.42 CMD effluent treatment.	• ZLD achieved followed by MEE,RO,Primary ,Secondary Tertiary and ATFD.
Amount of Treated Effluent recycled : 41 CMD	**Noted and Agree**
Amount of water send to the CETP : 0.0 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	3.5 m bgl	Noted
• Size of no. Of RWH tanks & Quantity	NA	NA
• Location of the RWH Tans	NA	NA
• Quantity of recharge pits	NA	NA
• Size of recharge pits	NA	NA
• Budgetary allocation (capital cost)	NA	NA
• Budgetary allocation (O&M cost)	NA	NA
• Details of UGRT tanks if any	1. Toluene storage tanks: 1 No. x 18 KL 2. Methanol storage tanks: 2 Nos. x 18KL 3. Methanol storage tanks: 3 Nos. x 18KL 4. Acetone storage tanks: 4 Nos. x 18 KL 5. Toluene storage tanks: 7 Nos. x 18 KL 6. Ethyl acetate storage tanks: 8 Nos. x 18 KL	Noted

Storm water drainage :		
• Natural water drainage pattern	The industry is located in Tarapur MIDC area where all the facilities are available by MIDC	Noted
• Quantity of storm water	Not Applicable	Not Applicable
• Size of SWD	1.0 m X 0.35 m	Noted & Agree

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Sewage and waste water :		
• Sewage generation in KLD	12 CMD	Complied
• STP Technology	MBBR	Noted
• Capacity of STP (CMD)	1 No. x 15 KLD	Complied
• Location & area of the STP	Proposed	Complied
• Budgetary allocation (capital cost)	Rs. 14 Lakhs	Complied
• Budgetary allocation (O&M cost)	Rs. 4 Lakhs	Complied

Solid waste management :		
Waste Generation in the pre- construction and construction phase:		
• Waste Generation	Construction debris, Waste concrete, metallic waste, plastics, broken bricks etc.	Noted and complied
• Disposal of the construction waste debris	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.	Noted and complied

Waste Generation in the Operation phase:		
• Dry Waste	Empty drums, Carboys, Paper waste, Empty bags etc.	Noted and Agree
• Wet Waste	ETP Sludge	Noted and Agree
• Hazardous Waste	Spent Carbon, Concentrated slurry from ETP, Residue & Waste , MEE salts etc.	Noted and Agree
• Biomedical Waste (If Applicable)	NA	Not Applicable
• STP Sludge (Dry Sludge)	5 Kg/day	Noted and Agree
• Others if any	NA	Not Applicable
Mode of Disposal of Waste:		
• Dry Waste	Sale to authorized vendors	Noted and Agree

• Wet Waste	Sent to TSDF, Taloja for disposal	Noted and Agree
• Hazardous Waste	Sent to TSDF, Taloja for disposal/Sale to Authorized vendor	Noted and Agree
• Biomedical Waste (If Applicable)	NA	Not Applicable
• STP Sludge (Dry Sludge)	Used as a Bio-manure in gardening	Noted and Agree
• Others if any	NA	Not Applicable
Area Requirement		
• Locations	NA	Not Applicable
• Area for the storage of waste & other material	25 sq. m	Noted and Agree
• Area for Machinery	NA	Not Applicable
Budgetary allocation (Capital cost and O&M cost)		
• Capital Cost	Not Applicable	Not Applicable
• O&M cost	Not Applicable	Not Applicable

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Hazardous waste Generation and Disposal Details:

Sr. No.	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residue Waste	28.1	kg /day	10	100	110	TSDF, Taloja
2	Spent Carbon	28.2	kg /day	20	120	140	TSDF, Taloja
3	Chemical sludge from ETP	34.3	kg /day	30	50	80	TSDF, Taloja
4	Sludge from MEE	37.3	kg /day	0	778	778	TSDF, Taloja
5	Plastic bags & fibers	33.3	Nos./Month	60	500	560	Sale to authorized vendor

Complied.

Our Unit Complying 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	Total Quantity disposed (Oct-2022 to Mar - 2023)	Method of Disposal
1	Residue Waste	28.1	kg /day	110	17.23	CHWTSDF
2	Spent solvents	20.2	MT /M	90	496.71	Sale To Authorized Party
3	Chemical sludge from ETP	35.3	kg /day	80	13.17	CHWTSDF
4	Sludge from MEE	37.3	kg /day	778	129.1	CHWTSDF
5	Plastic bags & fibers	33.3	Nos./Month	560	329 Nos	Sale To Authorized Party

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

3.1.Stacks emission Details

Sr.No	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. Of Exhaust Gases
01	Existing Boiler 1 - 0.85 TPH	FO & 50 lit/hr	1	30	0.8	152 °C
02	Existing Boiler 2 - 0.85 TPH	FO & 50 lit/hr	1	30	0.8	123 °C
03	Proposed IBR Boiler - 3 TPH	FO & 180 lit/hr	1	31	0.75	185 °C
04	Existing D.G 1 - 500 KVA	Diesel & 80 lit/hr	2	14	0.3	91 °C
05	Existing D.G 2 - 625 KVA	Diesel & 80 lit/hr	3	14	0.3	82 °C
06	Existing Thermic fluid heater - 2.0 lacs Kcal	FO & 25 lit/hr	4	30	0.8	73 °C
07	Existing Thermic fluid heater - 2.0 lacs Kcal	FO & 25 lit/hr	4	30	0.8	73 °C
08	Block 1 (Existing) Scrubber 1	-	5	25	0.4	Ambient
09	Block 1 (Proposed) - Scrubber 2	-	6	25	0.4	Ambient
10	Block 2 (Existing) - Scrubber 3	-	5	25	0.4	Ambient
11	Block 3 (Existing) - Scrubber 4	-	5	25	0.4	Ambient
12	Block 3 (Proposed) - Scrubber 5	-	6	25	0.4	Ambient
13	Block 3 (Proposed) - Scrubber 6	-	6	25	0.4	Ambient
14	Block 4 (Existing) - Scrubber 7	-	5	25	0.4	Ambient

3.2 Details of Fuel to be used:

Sr. No.	Type of Fuel	Existing	Proposed	Total	Last Six Month Data of Coal Consumption
1.	Furnace Oil	1365 L/day	4000 L/day	5365 L/day	Complied
2.	HSD	85 L/day	500 L/day	585 L/day	Complied, our D.G. Set HSD fuel consumption is well within limit the data as follows:

Month	Lit/M	Lit/D (Avg.)
Oct.-2022	0.00	0.00
Nov.-2022	288	9.6
Dec.-2022	0.00	0.00
Jan.-2023	446.4	14.4
Feb.-2023	0.00	0.00
Mar.-2023	4501.00	145.2

3.3 ENERGY

Power Requirement:

• Source of power Supply	From MSEDCL	Complied
• During Construction phase: (Demand load)	NA	Complied
• DG set as power back up during construction phase.	NA	Noted and Agree
• During Operation phase (Connected load):	1200 KVA	Noted and Agree
• During Operation phase (Demand load):	Existing:1200KVA, proposed:800 KVA,Total:2000 KVA	Noted and Agree

• Transformer	Yes	Complied
• DG set as power back-up during operation phase:	1 No. x 500 KVA & 1 No. x 625 KVA (Existing)	Noted and Agree
• Fuel Used	HSD : 85 Lit/Day	Complied
• Details of high tension line passing through the plot if any	NA	Noted and Agree
Energy: **Source: MSEB.** **Existing: 1200 KVA Proposed: 800 KVA.** **The maximum demand of power is 2000 KVA required.** **Existing: 1. DG Sets of 500 KVA.** **2. DG Set of 625 KVA**	**Complied.** Every Month consumption details in KVA	

Month	Consumption in KVA
Oct.-2022	1328575
Nov.-2022	1202904
Dec.-2022	1265437
Jan.-2023	1136384
Feb.-2023	985182
Mar.-2023	1102360

3.4 Energy saving by non-conventional method:	
Purchase of energy efficient appliances ? Constant monitoring of energy consumption and defining targets for energy conservation ? Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels ? Economizers will be provided to utilize heat. ? Condensate will be recovered and will send back to boiler. ? Proper temperature controls will be provided to reduce load on heating systems. ? Proper load factor will be maintained by the company. ? Company will adopt good maintenance practices and will maintain good housekeeping which will help in better illumination levels with least number of fixtures. ? On most of roofs transparent acrylic sheets will be provided to use day light and to stop use of lights during day time. ? CFL/LED lamps will be provided. ? To the extent possible and technically feasible, energy efficient equipment will be selected. ? Gravity flow will be preferred wherever possible to save pumping energy. ? Recycling of water will done.	**Noted & agreed**

AARTI PHARMALABS LIMITED

Plot E-50, MIDC Tarapur, Boisar

Details Of Pollution Control System :			
Source	**Existing Pollution Control System**	**Proposed To Be Installed**	**Status**
• Air	Stack	Wet Scrubber	Complied
• Water	ETP plant & STP	RO unit, MEE unit	Complied
• Noise	Enclosure/PEE	Enclosure/PEE	Complied
• Hazardous & Non Hazardous Waste	Proper collection/storage/disposal to TSDF, Taloja or Sale to authorized vendor	Proper collection/storage/disposal to TSDF, Taloja or Sale to authorized vendor	Complied
Budgetary allocation (Capital Cost and O&M cost): NA	Capital Cost :NA O&M Cost: NA		Noted and Agree

Environmental Management plan Budgetary Allocation **a) Construction phase (with Break-up):**			
Sr. No	**Attributes**	**Parameter**	**Total Cost per annum (Rs. In Lacs)**
1	Dust suppression	Water sprinkling, Dust mask	0.5
2	Green Belt development	Tree plantation	1.0
3	Solid waste management	Collection and disposal facility	0.5
4	Environment Monitoring	Monitoring charges for air, water, noise	0.25
5	Occupational Health	Cost of medical checkup, PPE & first aid kit and PPE, first aid facility, safe drinking water plant & sanitation measures	1.2

b) Operation Phase (with Break-up):

Sr. No	Component	Description	Capital cost Rs. In Lacs	Operational land Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Installation of wet scrubber and stacks	40	10
2	Water Pollution Control	Installation of RO, MEE	50	50
3	Noise Pollution Control	Acoustic enclosers	0.0	0.5
4	Environment Monitoring and Management	Monitoring charges for air, water, noise	-	2.05

5	Storm Water Management	Storm water drainage	2	0.5
6	Occupational Health	Cost of medical checkup, PPE & first aid kit and PPE, first aid facility, safe drinking water plant & sanitation measures	3	1
7	Green Belt	Tree plantation	1.5	2.2
8	Solid waste management	Collection and disposal facility	5	1.5
9	CSR Activity	CSR work	10	-

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

Specific Conditions:

Sr No	Terms and conditions in EC	Compliance
I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.	Yes, CETP line disconnected
II	Proposed expansion project involves 5 TPH boiler with 31 M height	Adequate stack height provided
III	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	No additional land is used for any activity of the project.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Yes,work area monitoring done periodically
V	Proper Housekeeping programmers shall be implemented.	Proper Housekeeping Program were 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.	Yes, agreed & noted.
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).	A stack of adequate height based on DG set capacity is provided for control and dispersion of pollutant from DG set.

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.	We have made separate drainage system so that effluent & 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.	Not applicable as source of water is MIDC.
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.	Noise levels are maintained as per standards by implementing various control measures. Proper PPE are provided for people working in high noise areas
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.	Noise levels in and around the plant are well within the standards. Noise monitoring is being done regularly. Reports for the same are attached. All reports are well within standards prescribed by MPCB.
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.	Noted
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.	Company has full-fledged safety department with implementation & monitoring of adequate safety measures. Risk Analysis, On - Site Emergency plan is prepared and regularly updated. Leak detection system is installed at strategic places
XV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Medical checkup of the all workers are regularly done.
XVI	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire fighting system is already available at project site.

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.	The company is strictly complying with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. We have already taken permission from CHWTSDF. Consent to establish & operate obtained from MPCB. (We have received the CTO & CTE from MPCB and we are strictly adhered to the stipulations, terms & conditions mentioned herein.)
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.	Regular fire and safety training's, mock drills are carried out.
XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	We have separate environment management cell 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	Already done.
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	The advertisement of the obtained Environmental clearance was published in the newspapers, Lokmat and Times of India.
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.	Noted & being done.
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	Noted & Agreed We have not received any suggestions and representations while processing the proposals from concerned Panchayat, Zilla Parishad/ Municipal

	of the Company by the proponent.	Corporation, Urban local and the local NGO. Hence this clearance copy not given to them but informed in the various meetings.
XXIV	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sectorai 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 & being done.
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.	Noted & being done.
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.	We are regularly submitted environment statement (Form -V) to MPCB.

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

सत्यमेव जयते

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

To,
Mr. Sanjay Vinayak Gokhale
at Plot No, E-50, MIDC Tarapur, Tehsil: Palghar, District: Palghar, Maharashtra, India

Subject: Environment Clearance for Aarti Industries Limited Unit-IV, Plot No, E-50, MIDC Tarapur, Tehsil: Palghar-401506, District: Palghar, Maharashtra, India

Sir,

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

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

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

1.Name of Project	Expansion of Bulk Drug Manufacturing Capacity
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sanjay Vinayak Gokhale
4.Name of Consultant	Green Circle, Inc.
5.Type of project	Industrial project at MIDC Tarapur
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental clearance has been obtained vide File No. J-11011/141/2006-IA-II (I) dated 20th July, 2006
8.Location of the project	Plot No, E-50, MIDC Tarapur, Tehsil: Palghar, District: Palghar, Maharashtra, India
9.Taluka	Palghar
10.Village	MIDC Area, Tarapur
Correspondence Name:	Mr. Sanjay Vinayak Gokhale
Room Number:	Plot no. E-50
Floor:	NA
Building Name:	M/s. Aarti Industries ltd.
Road/Street Name:	MIDC Tarapur
Locality:	MIDC Tarapur
City:	Tehsil- Palghar, Dist - Palghar, State-Maharashtra.
11.Area of the project	MIDC Area, Tarapur
12.IOD/IOA/Concession/Plan Approval Number	PLN/184/2006/VAM/2018/Vasai. Date: 28/07/2006
	IOD/IOA/Concession/Plan Approval Number: PLN/184/2006/VAM/2018/Vasai. Date: 28/07/2006
	Approved Built-up Area: 10629.77
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	13057 sq. m
16.Deductions	Not applicable
17.Net Plot area	Not applicable

22.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Quinapril Hydrochloride	1.00	0.60	1.60
2	Bambuterol Hydrochloride	0.05	1.45	1.50
3	Venlafaxine Hydrochloride	4.00	6.00	10.00
4	Ramipril	0.50	1.50	2.00
5	Capecitabine	0.25	0.95	1.20
6	Benazepril Hydrochloride	0.30	4.80	5.10
7	Perindopril Erbumine	0.30	2.20	2.50
8	Budesonide	0.10	0.40	0.50
9	Bicalutamide	0.30	0.70	1.00
10	Fluticasone Propionate	0.05	0.75	0.80
11	Mometasone Furoate	0.15	0.35	0.50
12	Triamcinolone Acetonide	0.18	0.32	0.50
13	Ifosmide	0.10	0.90	1.00
14	Irinotecan Hydrochloride Trihydrate	0.01	0.00	0.01
15	Mercaptopurine	0.18	2.30	2.48
16	Mesna	0.10	0.90	1.00
17	Ranolazine	0.42	5.48	5.90
18	Lacidipine	0.10	0.00	0.10
19	R-Salbutamol Sulphate	0.05	0.00	0.05
20	Levalbuteral Hydrochloride	0.05	0.20	0.25
21	Salmeterol Xinafoate	0.01	0.09	0.10
22	Ipratropium Bromide	0.05	0.45	0.50
23	Quetiapine Fumarate	0.70	4.80	5.50
24	Adapalene	0.05	0.45	0.50
25	Bupropion Hydrochloride	0.75	7.25	8.00
26	Temozolomide	0.02	0.00	0.02
27	Azathioprine	0.50	2.00	2.50
28	Benazapril Hydrochloride polymorph B.	0.23	0.77	1.00
29	Ciclesonide	0.01	0.04	0.05
30	Cyclophosphamide	0.20	0.30	0.50
31	Diflunisal	0.23	1.57	1.80
32	Loteprednol Etabonate	0.05	0.20	0.25
33	Mometasone Furoate Monohydrate	0.01	0.09	0.10
34	Perindopril Arginine	0.10	0.40	0.50
35	Phenylephrine HCL	2.50	5.00	7.50
36	Other Bulk Drugs	0.50	0.00	0.50
37	Desonide	0.00	0.10	0.10
38	Leval Buterol Tartrate	0.00	0.25	0.25

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	11.00	4.00	15.00	2.20	0.80	3.00	8.80	3.20	12.00
Gardening	2.00	0.00	2.00	2.00	0.00	2.00	0.00	0.00	0.00
Industrial Process	20.00	70.00	90.00	10.25	29.85	40.10	9.75	40.15	49.90
Cooling tower & thermopack	71.00	67.00	138.00	68.16	64.32	132.48	2.84	2.68	5.52

25.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	3.5 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	1. Toluene storage tanks: 1 No. x 18 KL 2. Methanol storage tanks: 2 Nos. x 18 KL 3. Methanol storage tanks: 3 Nos. x 18 KL 4. Acetone storage tanks: 4 Nos. x 18 KL 5. Toluene storage tanks: 7 Nos. x 18 KL 6. Ethyl acetate storage tanks: 8 Nos. x 18 KL

26.Storm water drainage	**Natural water drainage pattern:**	The industry is located in Tarapur MIDC area where all the facilities are available by MIDC.
	Quantity of storm water:	NA
	Size of SWD:	1 m x 0.35 m

27.Sewage and Waste water	**Sewage generation in KLD:**	12
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. x 15 KLD
	Location & area of the STP:	Proposed
	Budgetary allocation (Capital cost):	Rs. 14 Lakhs
	Budgetary allocation (O & M cost):	Rs. 4 Lakhs

29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	4.42	7.74	5.5-9
2	COD	mg/L	18,400	208	250
3	BOD	mg/L	5,152	41	30
4	NH4+ - N	mg/L	162	00	50
5	Oil & Grease	mg/L	ND	ND	10
6	TDS	mg/L	7,836	4408	2100
Amount of effluent generation (CMD):		55.42			
Capacity of the ETP:		70 KLD			
Amount of treated effluent recycled :		41 KLD			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		1) Effluent from Process has high COD load are generated 25.9 KL in a day & Low COD load are generated 24.01 KL in a day. 2) Effluent having more volatile organic compounds (solvents) had high pollutant load will treated in to stripper and MEE then conventional treatment. 3) Effluent having Low COD Load mixed with MEE Condensate then conventional treatment required for reducing the pollutant load i.e. primary, secondary and tertiary. 4) Reverse Osmosis treatment suggested for reuse of treated ef			
Disposal of the ETP sludge		Send to CHWTSDF for disposal			

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	1200 KVA
	During Operation phase (Demand load):	Existing: 1200 KVA , Proposed: 800 KVA, Total: 2000 KVA
	Transformer:	Yes
	DG set as Power back-up during operation phase:	1 No. x 500 KVA & 1 No. x 625 KVA (Existing)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

34.Energy saving by non-conventional method:

? Purchase of energy efficient appliances
? Constant monitoring of energy consumption and defining targets for energy conservation
? Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels
? Economizers will be provided to utilize heat.
? Condensate will be recovered and will send back to boiler.
? Proper temperature controls will be provided to reduce load on heating systems.
? Proper load factor will be maintained by the company.
? Company will adopt good maintenance practices and will maintain good housekeeping which will help in better illumination levels with least number of fixtures.
? On most of roofs transparent acrylic sheets will be provided to use day light and to stop use of lights during day time.
? CFL/LED lamps will be provided.
? To the extent possible and technically feasible, energy efficient equipment will be selected.
? Gravity flow will be preferred wherever possible to save pumping energy.
? Recycling of water will done.

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Stack	Wet Scrubber
Water pollution	ETP & STP	RO & MEE
Noise pollution	Acoustic enclosers & PPEs	Acoustic enclosers & PPEs
Solid waste generation	Proper collection/storage/disposal to TSDF, Taloja or Sale to authorized vendor	Proper collection/storage/disposal to TSDF, Taloja or Sale to authorized vendor

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

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	'B' Category, schedule 5(f)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

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

Specific Conditions:

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.

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, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

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

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SEIAA-2019/CR-133/SEIAA.
Environment Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.
Date: 01/10/2019.

To
Mr. Sanjay Vinayak Gokhale,
at Plot No : E-50,MIDC Tarapur,
Tal. Palghar, Dist Palghar.

Sub: Correction in Environmental Clearance for Proposed Expansion of Bulk Drug Manufac turing Capacity at Unit-IV, Plot No, E-50, MIDC Tarapur, Tehsil: Palghar-401506 by M/s. Aarti Industries Ltd.

Ref: 1. Application received from PP dated 09.01.2019.
2. Environment Clearance No. SEIAA-EC-0000000255, dated 26.04.2018.

With reference to above subject matter, it is noted that, you have received Environment Clearance vide letter dated 26.04.2018. You have further applied for correction in EC vide above ref. (1).

You have requested to correct EC dated 26.04.2018 as below-

<table>
<tr><th>Sr. No.</th><th>Details Mentioned in EC vide above ref. (2)</th><th>Correction shall be read as</th></tr>
<tr><td>1</td><td>Fresh water (CMD): Not applicable</td><td>Fresh water (CMD):204 CMD</td></tr>
<tr><td>2</td><td>General Condition II-
73 TPH Boiler should have stack height of 68 m and flue gases shall be passed through ESP of 99.9% efficiency before being lead into 68 m stack.</td><td>General Condition II-
Proposed expansion project involves 5 TPH boilers with 31 m stack height.</td></tr>
<tr><td>3</td><td>Hazardous Waste Details
Point No -6
Point No-7</td><td>Hazardous Waste Details-
<table>
<tr><th>S.N.</th><th>Description</th><th>Cat</th><th>UOM</th><th>Existing</th><th>Proposed</th><th>Total</th><th>Method of Disposal</th></tr>
<tr><td>6</td><td>Spent Solvent</td><td>28.6</td><td>Ltr/day</td><td>0</td><td>3000</td><td>3000</td><td>Sale to authorised Vendor</td></tr>
<tr><td>7</td><td>Oil from Waste Water Treatment</td><td>1.7</td><td>Ltr/M</td><td>0</td><td>200</td><td>200</td><td>Sale to authorised Vendor</td></tr>
</table></td></tr>
</table>

After detailed scrutiny of documents submitted by you, Environment Clearance issued vide letter dated 26.04.2018 is corrected as above.

The terms and conditions stipulated in the EC letter dt.26.04.2018 vide above ref. (2) shall remain the same.

(Anil Diggikar)
Principle Secretary &
Member Secretary, SEIAA

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.0000102589/CR 2104000482 **Date:** 09/04/2021

To,
M/s. AARTI INDUSTRIES LIMITED
Plot NO:- E-50, TARAPUR MIDC
TAL & DIST:- PALGHAR.

Your Service is Our Duty

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

Ref:
1. Consent to Operate accorded by Board vide Format 1.0/BO/CAC-Cell/UAN No-0000050778/5th CAC-1901001335 dtd. 18.01.2019 which was valid upto 30.11.2020.
2. Environmental Clearance obtained form Government of Maharashtra on 26.04.2018.
3. Your application No.MPCB-CONSENT-0000102589 Dated 20.11.2020
4. Minutes of the 15th Consent committee meeting held on 17.03.2021

Your application No.MPCB-CONSENT-0000102589 Dated 20.11.2020

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 30/11/2025**
2. **The capital investment of the project is Rs.119.5 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	Quinapril Hydrochloride	1.6	MT/M
2	Bambuterol Hydrochloride	1.5	MT/M
3	Venlafaxine Hydrochloride	10	MT/M
4	Ramipril	2	MT/M
5	Capecitabine	1.2	MT/M
6	Benazepril Hydrochloride	5.1	MT/M
7	Perindopril Erbumine	2.5	MT/M
8	Budesonide	0.5	MT/M

Sr No	Product	Maximum Quantity	UOM
9	Bicalutamide	1	MT/M
10	Fluticasone Propionate	0.8	MT/M
11	Mometasone Furoate	0.5	MT/M
12	Triamcinolone Acetonide	0.5	MT/M
13	Ifosmide	1	MT/M
14	Irinotecan Hydrochloride Trihydrate	0.01	MT/M
15	Mercaptopurine	2.48	MT/M
16	Mesna	1	MT/M
17	Ranolazine	5.9	MT/M
18	Lacidipine	0.1	MT/M
19	R-Salbutamol Sulphate	0.05	MT/M
20	Levalbuteral Hydrochloride	0.25	MT/M
21	Salmeterol Xinafoate	0.101	MT/M
22	Ipratropium Bromide	0.5	MT/M
23	Quetiapine Fumarate	5.5	MT/M
24	Adapalene	0.5	MT/M
25	Bupropion Hydrochloride	8	MT/M
26	Temozolomide	0.02	MT/M
27	Azathioprine	2.5	MT/M
28	Benazapril Hydrochloride polymorph B.	1	MT/M
29	Ciclesonide	0.05	MT/M
30	Cyclophosphamide	0.5	MT/M
31	Diflunisal	1.8	MT/M
32	Loteprednol Etabonate	0.25	MT/M
33	Mometasone Furoate Monohydrate	0.101	MT/M
34	Phenylephrine HCL	7.5	MT/M
35	Perindopril Arginine	0.5	MT/M
36	Desonide	0.1	MT/M
37	Leval Buterol Tartrate	0.25	MT/M
38	Perindopril A.Polymers	1	MT/M
39	Injection (by formulation only)	600000	No/M
40	Other Bulk Drugs	0.5	MT/M

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	55.42	As per Schedule-I	Recycle 100% to achieve ZLD

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	12.0	As per Schedule-I	Recycle 100% to achieve ZLD

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler-1 (0.85 TPH)	1	As per Schedule -II
2	S-2	Boiler-2 (0.85 TPH)	1	As per Schedule -II
3	S-3	Boiler-3 (3 TPH)	1	As per Schedule -II
4	S-4	Boiler-4 (5 TPH)	1	As per Schedule -II
5	S-5	THERMIC FLUID HEATER -I (2 Lakh KCal/Hr)	1	As per Schedule -II
6	S-6	THERMIC FLUID HEATER -II (2 Lakh KCal/Hr)	1	As per Schedule -II
7	S-7	D. G. Set-1 (500 kVA)	1	As per Schedule -II
8	S-8	D. G. Set-2 (625 kVA)	1	As per Schedule -II
9	S-9	Block-1 Scrubber-101	1	As per Schedule -II
10	S-10	Block-I Scrubber-102	1	As per Schedule -II
11	S-11	Block-II Scrubber-301	1	As per Schedule -II
12	S-12	Block-II Scrubber-302	1	As per Schedule -II
13	S-13	Block-III Scrubber-401	1	As per Schedule -II
14	S-14	Block-III Scrubber-402	1	As per Schedule -II
15	S-15	Block-III Scrubber-403	1	As per Schedule -II
16	S-16	Block-III Scrubber-404	1	As per Schedule -II
17	S-17	Block-IV Scrubber-501	1	As per Schedule -II
18	S-18	Block-IV Scrubber-502	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	MS SCRAP	119832	Kg/Annum	Sale	Sale to authorized party
2	SS SCRAP	75000	Kg/Annum	Sale	Sale to authorized party
3	GI SCRAP	4500	Kg/Annum	Sale	Sale to authorized party
4	RUBBER	1000	Kg/Annum	Sale	Sale to authorized party
5	PAPER	1000	Kg/Annum	Sale	Sale to authorized party
6	GLASS	2021	Kg/Annum	Sale	Sale to authorized party
7	CORNGATED BOX	200	Kg/M	Sale	Sale to authorized party
8	EMPTY CARBOO	500	No/M	Sale	Sale to authorized party
9	EMPTY DRUMS	1500	No/M	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	28.1 Process Residue and wastes	3.3	MT/M	Incineration	CHWTSDF
2	35.3 Chemical sludge from waste water treatment	2.4	MT/M	Incineration	CHWTSDF
3	37.3 Concentration or evaporation residues	23.3	MT/M	Incineration	CHWTSDF
4	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	560	No/M	Reconditioner	Sale to authorized reconditioner /CHWTSDF
5	20.2 Spent solvents	90.0	MT/M	Recycle* / Incineration	Sale to authorized reconditioner /CHWTSDF
6	1.7 Oil from wastewater treatment	6.0	KL/M	Recycle*/ Incineration	Sale to authorized reconditioner /CHWTSDF

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	500.00	Kg/Annum	Sale to authorized E-waste recycler

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 not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it requires.

12 The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 an keep proper manifest thereof.

13 This Consent is issued subject to an order passed or may be passed by Hon'ble NGT, order dtd 23.08.2019 in the matter of O.A. No. 1038/2018.

14 The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).

15 Industry shall switchover to the cleaner Fuel instead of F.O. in compliance of Board Circular dated 05/2/2020.

16 The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

17 This consent is issued pursuant to the decision of the 15th Consent Committee Meeting held on 17.03.2021

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1195000.00	TXN2011001861	24/11/2020	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 25.9 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank) , Stripper, Multi effect evaporator with design capacity of 50.0 CMD followed by ATFD.

   ii) Weak COD/TDS stream of 29.52 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), Sludge treatment (Sludge drying bed) with design capacity of 50.0 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.

   C] The Industry shall install online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge and it connectivity to the MPCB server.

   D] Industry shall install separate energy meter to the pollution control devices.

2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 12.0 CMD of sewage.

   B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards	
1	BOD (3 days 27°C)	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 discharged on land for gardening within premise after confirming above standards.

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	138.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	90.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	2.0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO_2 (kg/day)
S-1	Boiler-1	Stack	30.0	FO	50 Kg/Hr	4.50	108.00
S-2	Boiler-2	Stack	30.0	FO	50 Kg/Hr	4.50	108.00
S-3	Boiler-3	Stack	30.0	FO	180 Kg/Hr	4.50	388.80
S-4	Boiler-4	Stack	30.0	FO	300 Kg/Hr	4.50	648.00
S-5	Thermic Fluid Heater-I (2 Lakh KCal/Hr)	Stack	30.0	FO	25 Kg/Hr	4.50	54.00
S-6	Thermic Fluid Heater -II (2 Lakh KCal/Hr)	Stack	30.0	FO	25 Kg/Hr	4.50	54.00
S-7	D. G. Set-1 (500 kVA)	Acoustic enclosure	14.0	HSD	80 Ltr/Hr	1.00	38.00
S-8	D. G. Set-2 (625 kVA)-2	Acoustic enclosure	14.0	HSD	100 Ltr/Hr	1.00	50.00
S-9	Block-1 SCRUBBER -101	Alkali Scrubber	25.0	-	--	--	--
S-10	Block-I SCRUBBER -102	Acid Scrubber	25.0	-	--	--	--
S-11	Block-II SCRUBBER -301	Alkali Scrubber	25.0	-	--	--	--

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO_2 (kg/day)
S-12	Block-II SCRUBBER -302	Acid Scrubber	25.0	-	--	--	--
S-13	Block-III SCRUBBER -401	Alkali Scrubber	25.0	-	--	--	--
S-14	Block-III SCRUBBER -402	Acid Scrubber	25.0	-	--	--	--
S-15	Block -III SCRUBBER -403	Alkali Scrubber	25.0	-	--	--	--
S-16	Block-III SCRUBBER -404	Acid Scrubber	25.0	-	--	--	--
S-17	Block-IV SCRUBBER -501	Alkali Scrubber	25.0	-	--	--	--
S-18	Block-IV SCRUBBER -502	Acid Scrubber	25.0	-	--	--	--

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/ Nm3
Acid Mist/ HCl	Not to exceed	35 mg/ Nm3
Sulphur Trioxide	Not to exceed	50 ppm
H2S	Not to exceed	10 mg/ Nm3

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:
   a. Reactors shall be connected to Chilled Brine Condenser system
   b. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
   c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 95% overall recovery
   d. Solvents shall be stored in a separate space specified with all safety measures.
   e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.

f. 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	Restart Direction dtd.31.10.2013	Rs. 5.0/- Lakh	Existing	Condition a) Towards reducting total daily effluent generation in a staggered manner.	30.11.2025	30.03.2026

****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. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board

3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The Energy source for lighting purpose shall preferably be LED based
6. 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
7. 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 sitting 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.
8. The applicant shall maintain good housekeeping.
9. 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.
10. 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.
11. 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.
12. 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).

13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. 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.
15. 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.
16. 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.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
19. 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.
20. 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.
21. 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.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. 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).
24. 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.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.

27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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).
37. 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.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

SAVE WATER SAVE LIFE

Sadekar Enviro Engineers Pvt. Ltd.

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TC-9516

ANALYSIS TEST REPORT

Report No	**SEETL230000819**	Report Date	20/02/2023
Name of Client	**M/s. Aarti Pharmalabs Ltd.**		
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.		
Order / Reference	**As per Agreement Dated- 18/06/2021**		
Date Of sampling	10/02/2023	Sample Receipt Date	11/02/2023
Analysis Started on	13/02/2023	Analysis Completed On	17/02/2023
ULR No.	**TC-951623000000687F**		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature(^{0}C) 25	Humidity (%) 52

AMBIENT AIR STATION

Location of H.V.S.	**Near ETP**		
Lateral Distance	4.0 Meter from ETP		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(^{0}C)	30	Humidity (%)	55
Wind Speed (km/hr)	08	Wind Direction (deg^0)	SE 130
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM_{10} (24 Hrs.)	67	µg/m^3	100.00	IS 5182(Part 23)2006RA: 2022
$PM_{2.5}$ (24 Hrs.)	32	µg/m^3	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO_2 (24 Hrs.)	14	µg/m^3	80.00	IS 5182(Part 2): 2001 RA: 2022
NO_2 (24 Hrs.)	18	µg/m^3	80.00	IS 5182 (Part 6): 2006 RA: 2022
Ozone (O_3) (1 Hr.)	19	µg/m^3	180.00	IS 5182 (Part 9): 1974 RA: 2019
CO (1 Hr.)	1.19	mg/m^3	04.00	IS 5182 (Part 10) : 1999 RA 2019
Ammonia (NH_3) (24Hrs.)	BDL	µg/m^3	400.00	CPCB guidelines for measurement of ambient air pollutants volume-I:2011
Lead as Pb (24 Hrs.)	BDL	µg/m^3	01.00	EPA compendium method IO 3.5: 2012
Benzene (C_6H_6)	BDL	µg/m^3	5.00	IS 5182 (Part 11) :2006 RA 2022
Arsenic(As)	BDL	ng/m^3	6.00	EPA compendium method IO 3.5: 2012
Nickel(Ni))	BDL	ng/m^3	20.00	EPA compendium method IO 3.5: 2012
Benzo(a)Pyrene	BDL	ng/m^3	1.00	IS 5182 (Part 12): 2004 RA: 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
2) PM_{10}-Particulate Matter of size < 10 µm, $PM_{2.5}$ - Particulate Matter of size < 2.5 µm
3) NAAQS-National Ambient Air Quality Standards
4) BDL: Below Detection Limit (NH_3<20 µg/m^3), (Pb<0.10 µg/m^3), (C_3H_6<4 µg/m^3), (As <5 ng/m^3), (Ni <5ng/m^3), (Benzo(a)Pyrene< 0.1 ng/m^3)
5) This certificate may not be reproduced in part, without the permission of this Laboratory.

******* END OF THE REPORT*******

Authorized Signatory
Trupti Mayekar

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TC-9516

ANALYSIS TEST REPORT

Report No	**SEETL230000820**		Report Date		20/02/2023
Name of Client	**M/s. Aarti Pharmalabs Ltd.**				
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.				
Order / Reference	**As per Agreement Dated- 18/06/2021**				
Date Of sampling	10/02/2023	Sample Receipt Date			11/02/2023
Analysis Started on	13/02/2023	Analysis Completed On			17/02/2023
ULR No.	**TC-951623000000688F**				
Sample Collected By	SEETL Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.			SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature(^{0}C)	25	Humidity (%)	52

AMBIENT AIR STATION

Location of H.V.S.	**Near Utility Area**		
Lateral Distance	4.0 Meter from ETP		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(^{0}C)	30	Humidity (%)	55
Wind Speed (km/hr)	08	Wind Direction (deg^0)	SE 130
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM_{10} (24 Hrs.)	64	µg/m^3	100.00	IS 5182(Part 23)2006RA: 2022
$PM_{2.5}$ (24 Hrs.)	31	µg/m^3	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO_2 (24 Hrs.)	11	µg/m^3	80.00	IS 5182(Part 2): 2001 RA: 2022
NO_2 (24 Hrs.)	15	µg/m^3	80.00	IS 5182 (Part 6): 2006 RA: 2022
Ozone (O_3) (1 Hr.)	20	µg/m^3	180.00	IS 5182 (Part 9): 1974 RA: 2019
CO (1 Hr.)	1.21	mg/m^3	04.00	IS 5182 (Part 10) : 1999 RA 2019
Ammonia (NH_3) (24Hrs.)	BDL	µg/m^3	400.00	CPCB guidelines for measurement of ambient air pollutants volume-I:2011
Lead as Pb (24 Hrs.)	BDL	µg/m^3	01.00	EPA compendium method IO 3.5: 2012
Benzene (C_6H_6)	BDL	µg/m^3	5.00	IS 5182 (Part 11) :2006 RA 2022
Arsenic(As)	BDL	ng/m^3	6.00	EPA compendium method IO 3.5: 2012
Nickel(Ni))	BDL	ng/m^3	20.00	EPA compendium method IO 3.5: 2012
Benzo(a)Pyrene	BDL	ng/m^3	1.00	IS 5182 (Part 12): 2004 RA: 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
2) PM_{10}-Particulate Matter of size < 10 µm, $PM_{2.5}$ - Particulate Matter of size < 2.5 µm
3) NAAQS-National Ambient Air Quality Standards
4) BDL: Below Detection Limit (NH_3<20 µg/m^3), (Pb<0.10 µg/m^3), (C_3H_6<4 µg/m^3), (As <5 ng/m^3), (Ni <5ng/m^3), (Benzo(a)Pyrene< 0.1 ng/m^3)
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TC-9516

ANALYSIS TEST REPORT

Report No	**SEETL230000818**		Report Date		20/02/2023
Name of Client	**M/s. Aarti Pharmalabs Ltd.**				
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.				
Order / Reference	**As per Agreement Dated- 18/06/2021**				
Date Of sampling	10/02/2023		Sample Receipt Date		11/02/2023
Analysis Started on	13/02/2023		Analysis Completed On		17/02/2023
ULR No.	**TC-951623000000686F**				
Sample Collected By	SEETL Representative				
Sampling Plan	SEETL/LD/F-03		Sampling SOP No.		SEETL/LD/SOP/AA-32
Environmental Condition of Lab			Temperature(^{0}C)	25	Humidity (%) 52

AMBIENT AIR STATION

Location of H.V.S.	**Near Main Gate**		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(^{0}C)	30	Humidity (%)	55
Wind Speed (km/hr)	08	Wind Direction (deg^0)	SE 130
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM_{10} (24 Hrs.)	73	µg/m^3	100.00	IS 5182(Part 23)2006RA: 2022
$PM_{2.5}$ (24 Hrs.)	36	µg/m^3	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO_2 (24 Hrs.)	18	µg/m^3	80.00	IS 5182(Part 2): 2001 RA: 2022
NO_2 (24 Hrs.)	20	µg/m^3	80.00	IS 5182 (Part 6): 2006 RA: 2022
Ozone (O_3) (1 Hr.)	17	µg/m^3	180.00	IS 5182 (Part 9): 1974 RA: 2019
CO (1 Hr.)	1.24	mg/m^3	04.00	IS 5182 (Part 10) : 1999 RA 2019
Ammonia (NH_3) (24Hrs.)	BDL	µg/m^3	400.00	CPCB guidelines for measurement of ambient air pollutants volume-I:2011
Lead as Pb (24 Hrs.)	BDL	µg/m^3	01.00	EPA compendium method IO 3.5: 2012
Benzene (C_6H_6)	BDL	µg/m^3	5.00	IS 5182 (Part 11) :2006 RA 2022
Arsenic(As)	BDL	ng/m^3	6.00	EPA compendium method IO 3.5: 2012
Nickel(Ni))	BDL	ng/m^3	20.00	EPA compendium method IO 3.5: 2012
Benzo(a)Pyrene	BDL	ng/m^3	1.00	IS 5182 (Part 12): 2004 RA: 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
2) PM_{10}-Particulate Matter of size < 10 µm, $PM_{2.5}$ - Particulate Matter of size < 2.5 µm
3) NAAQS-National Ambient Air Quality Standards
4) BDL: Below Detection Limit (NH_3<20 µg/m^3), (Pb<0.10 µg/m^3), (C_3H_6<4 µg/m^3), (As <5 ng/m^3), (Ni <5ng/m^3), (Benzo(a)Pyrene< 0.1 ng/m^3)
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TC-9516

ANALYSIS TEST REPORT

Report No	**SEETL220002572**	Report Date		16/08/2022	
Name of Client	**M/s. Aarti Industries Ltd.**				
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.				
Order / Reference	**As per Agreement Dated- 18/06/2021**				
Date Of sampling	08/08/2022	Sample Receipt Date		09/08/2022	
Analysis Started on	09/08/2022	Analysis Completed On		16/08/2022	
ULR No.	**TC-951622000002014F**				
Sample Collected By	SEETL Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.		SEETL/LD/SOP/AA-32	
Environmental Condition of Lab		Temperature(^{0}C)	24.8	Humidity (%)	51

DETAILS OF STACK

Attached To	**Boiler (BH-105)**	**Boiler (BH-106)**
Shape	Round	Round
Diameter (mm)	800	800
Height From Ground Level (Mtr)	30 Mtr	30 Mtr
Temperature (^{0}C)	130.00	145.00
Velocity of Flue Gases (m/sec)	6.11	5.30
Volume of Flue Gases (m^3/hour)	11058.30	9582.18
Type of Fuel	**Biofuel**	**Biofuel**

POLLUTIONAL PARAMETERS

Parameters	Result I	Result II	Units	MPCB Limit	Method
Total Particulate Matter	40	36	mg/Nm^3	150.00	IS 1124.85 (Part 1):1985 RA: 2019
SO_2	BDL	BDL	Kg/Day	-	IS 1124.85 (Part 2):1985 RA: 2019
MPCB Limit	**388.80**	**648.00**			
NO_2	1.18	1.07	ppm	-	IS 1124.85 (Part 7):2005 RA: 2017

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) BDL : Below Detection Limit (SO_2 <3.0 mg/Nm^3)

******* END OF THE REPORT*******

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Trupti Mayekar

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SAVE WATER SAVE LIFE

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TC-9516

ANALYSIS TEST REPORT

Report No	**SEETL220002573**	Report Date		16/08/2022	
Name of Client	**M/s. Aarti Industries Ltd.**				
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.				
Order / Reference	**As per Agreement Dated- 18/06/2021**				
Date Of sampling	08/08/2022	Sample Receipt Date		09/08/2022	
Analysis Started on	09/08/2022	Analysis Completed On		16/08/2022	
ULR No.	**TC-951622000002015F**				
Sample Collected By	SEETL Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.		SEETL/LD/SOP/AA-32	
Environmental Condition of Lab		Temperature(^{0}C)	24.8	Humidity (%)	51

DETAILS OF STACK

Attached To	**DG Set No. 105 (500 KVA)**	**DG Set No. 102- 624.8KVA**
Shape	Round	Round
Diameter (mm)	300	300
Height From Ground Level (Mtr)	9 Mtr	13Mtr
Temperature (^{0}C)	180.00	168.00
Velocity of Flue Gases (m/sec)	7.86	7.79
Volume of Flue Gases (m^3/hour)	2000.47	1983.02
Type of Fuel	**HSD**	**HSD**

POLLUTIONAL PARAMETERS

Parameters	Result		Units	MPCB Limit	Method
	I	II			
Total Particulate Matter	39	41	mg/Nm^3	**150.00**	IS 1124.85 (Part 1):1985 RA: 2019
SO_2	8	10	Kg/Day	-	IS 1124.85 (Part 2):1985 RA: 2019
MPCB Limit	**38.00**	**50.00**			
NO_2	BDL	BDL	ppm	-	IS 1124.85 (Part 7):2005 RA: 2017

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) BDL : Below Detection Limit (NO_2 <2.0 mg/Nm^3)
4) DG Stack results meet as per MPCB Consent Norms.

******* END OF THE REPORT*******

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Trupti Mayekar

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ANALYSIS TEST REPORT

Report No.	**SEETL230000831**	Report Date	20/02/2023
Name of Client	**M/s. Aarti Pharmalabs Ltd.**		
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.		
Order / Reference	**As per Agreement Dated- 18/06/2021**		
Date Of Monitoring	10/02/2023	Time of Sampling	Day/Night
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31

DAY NIGHT TIME NOISE LEVEL MONITORING

	Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* Day Time	Noise Levels in dB(A) Leq* Night Time
WORKPLACE NOISE LEVEL MONITORING			
1.	Block No. 1 Reaction Area 1st Floor	61.5	57.9
2.	Block No. 1 Reaction Area Level 2nd Floor	59.8	58.1
3.	Block No. 1 Reaction Area Level 3rd G- Floor	61.9	60.8
4.	Block No. 2 Reaction Area 1st Floor	63.2	62.2
5.	Block No. 2 Reaction Area Ground Floor	63.9	59.2

Method:-IS:9989-1981 (RA 2020)

NOTE: 1) *As per Factory Act Rules ,1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
2) A "decibel" is a unit in which noise is measured.
3)"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
4) Leq: It is the energy mean of the noise level over a specified period.

***** END OF THE REPORT*****

Authorized Signatory
Nilesh Naik

Format No. SEETL/LD/F-72

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TC-9516

ANALYSIS TEST REPORT

Report No.	**SEETL230000830**	Report Date	20/02/2023
Name of Client	**M/s. Aarti Pharmalabs Ltd.**		
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.		
Order / Reference	**As per Agreement Dated- 18/06/2021**		
Date Of Monitoring	10/02/2023	Time of Sampling	Day/Night
ULR No.	**TC-951623000000696F**		
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31

DAY NIGHT TIME NOISE LEVEL MONITORING

Sr. No.	Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* Day Time	Noise Levels in dB(A) Leq* Night Time
	AMBIENT NOISE LEVEL MONITORING		
1.	Near Main gate	68.1	64.5
2.	Near ETP	70.9	63.8
3.	Near Compressor room	72.6	66.8
4.	Near DG Room	73.1	69.0
5.	Near Boiler House	70.2	67.6
6.	Material Entry Gate	69.1	67.8
7.	FBD -502 Inlet	70.5	67.7
8.	FBD-502 Outlet	67.9	65.1

Method:-IS:9989-1981 (RA 2020)

NOTE: 1) MPCB Limit During Day time < 75. (Day time shall mean from 6.00 am to 10.00 pm.)
2) MPCB Limit During Night time < 70. (Night time shall mean from 10.00 pm to 6.00 am.)
3) A "decibel" is a unit in which noise is measured.
4)"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
5) Leq: It is the energy mean of the noise level over a specified period.

******* END OF THE REPORT*******

Authorized Signatory
Trupti Mayekar

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Name of Client	**M/s. Aarti Pharmalabs Ltd.**		
Address of Client	Plot No. E-50, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.		
Order / Reference	**As per Agreement Dated- 18/06/2021**		
Date Of Monitoring	10/02/2023	Time of Sampling	Day/Night
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31

DAY NIGHT TIME NOISE LEVEL MONITORING

	Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* Day Time	Noise Levels in dB(A) Leq* Night Time
	WORKPLACE NOISE LEVEL MONITORING		
1.	Block No. 3 Reaction Area Line A Ground Floor	67.5	61.2
2.	Block No. 3 Reaction Area Line A 1st Floor	63.2	60.9
3.	Block No. 3 Reaction Area Line B Ground Floor	65.3	62.5
4.	Block No. 3 Reaction Area Line B 1st Floor	64.8	63.9
5.	Block No. 3 Reaction Area Line C Ground Floor	65.3	64.2
6.	Block No. 3 Reaction Area Line C 1st Floor	63.8	60.9
7.	Block No. 4 Reaction Area 1st Floor	65.1	59.5
8.	Block No. 4 Reaction Area 2nd Floor	66.8	58.9
9.	Block No. 4 Reaction Area level II FBD Room	65.9	59.7

Method:-IS:9989-1981 (RA 2020)

NOTE: 1) *As per Factory Act Rules ,1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time Weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

2) A "decibel" is a unit in which noise is measured.

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