

Ref: AIL/DHJ/NEO/ENV/2025-26/015  
Date: 31.10.2025

ID: 41201

To,  
Deputy Director General of Forests  
Integrated Regional Office (IRO)  
Ministry of Environment, Forest & Climate Change (MoEF&CC)  
KARMAYOGI BHAWAN, Block-3, F-2 Wing, 5th Floor,  
Near CH-3 Circle, Sector - 10A, Gandhinagar - 382010

Subject: Half Yearly Environment Clearance conditions compliance report for the period of April-2025 to September-2025.

Reference:- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013  
2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019  
3) Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020  
4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022  
5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of April-2025 to September-2025 in respect to the above mentioned references of Environment Clearance and its Amendments for Expansion of Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No. Z/103/H, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

The unit has obtained and implemented below mentioned ECs and submitted condition wise compliance for the same.

- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013.
- 2) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022.
- 3) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024.

Thanking You  
Yours faithfully,

For Aarti Industries Limited.

  
Authorized Signatory



Encl: EC Compliance with Annexures.

COPY TO:

1. The Member Secretary, GPCB, Gandhinagar
2. Email to The Regional Director, CPCB, Vadodara
3. Email to SEIAA, Gujarat
4. Uploaded in MOEF&CC(Parivesh) Portal

[www.aarti-industries.com](http://www.aarti-industries.com) | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801,801/23, IIIrd Phase, GIDC Vapi-396195, Dist - Valsad, INDIA. T : 0260-2400366

Factory : Plot No. Z/103/H, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130, INDIA.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : [info@aarti-industries.com](mailto:info@aarti-industries.com)

**Compliance report of Environmental Clearance File No. SEIAA/GUJ/EC/5(f)/2630/2022 on 07/11/2022**

**For period April-2025 to September-2025**

	Name of product / by-product	Capacity in MT/ Annum	As on Actual MT/Month	Remarks																																								
A	Ethylation and Propoylation Products	54000	<div>Compiled.<table><tr><th colspan="5">Production (MT)</th></tr><tr><th>Month</th><th>2-Methyl, 6-Ethyl Aniline (MEA)</th><th>2,6 - Diethyl Aniline (DEA)</th><th>3-Methyl 2-6 Diethyl Aniline (DEMA)</th><th>Total Ethylation and Propoylation Products</th></tr><tr><td>April 2025</td><td>796</td><td>315</td><td>0</td><td>1111</td></tr><tr><td>May 2025</td><td>936</td><td>374.6</td><td>0</td><td>1310.6</td></tr><tr><td>June 2025</td><td>2132</td><td>0</td><td>0</td><td>2132</td></tr><tr><td>July 2025</td><td>1246</td><td>40</td><td>0</td><td>1286</td></tr><tr><td>August 2025</td><td>1793</td><td>322</td><td>0</td><td>2115</td></tr><tr><td>September 2025</td><td>427</td><td>0</td><td>0</td><td>427</td></tr></table></div> <div>The unit has converted partial EC to CCA. Also unit has not produced Isopropyl Aniline and 2, 6 Diisopropyl Aniline, 2- Methyl-6-Isopropyl</div>	Production (MT)					Month	2-Methyl, 6-Ethyl Aniline (MEA)	2,6 - Diethyl Aniline (DEA)	3-Methyl 2-6 Diethyl Aniline (DEMA)	Total Ethylation and Propoylation Products	April 2025	796	315	0	1111	May 2025	936	374.6	0	1310.6	June 2025	2132	0	0	2132	July 2025	1246	40	0	1286	August 2025	1793	322	0	2115	September 2025	427	0	0	427	<div>latest CCA copy is attached as <a href="#">Annexure-A</a>.</div> <div>The unit is having a valid EC for same attached as <a href="#">Annexure-B</a></div> <div>EC Extension and amendment No.SEIAA/GUJ/EC/5 (f)/1639/2020 dated 31/12/2020 as <a href="#">Annexure-C</a> and <b>EC Expansion</b> No.SEIAA/GUJ/EC/5(f)/2630/2022 as <a href="#">Annexure-D</a></div>
	Production (MT)																																											
	Month			2-Methyl, 6-Ethyl Aniline (MEA)	2,6 - Diethyl Aniline (DEA)	3-Methyl 2-6 Diethyl Aniline (DEMA)	Total Ethylation and Propoylation Products																																					
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4- Methyl 2,-6 Diisopropyl Aniline And/or																																												
2- Ethyl Aniline (OEA) And/Or																																												
3,5- Diethyl Toluene 2,6- Diamine (DETDA) and 3,5-Diethyl Toluene 2.4- Diamine (DETDA) And/Or																																												
3-chloro-2,6-diethylaniline i (CDEA) and 3-chloro-2- Ethylaniline (CEA)																																												

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			Aniline and 4- Methyl 2,-6 Di-isopropyl Anilin, 2,6 - Diethyl Aniline (DEA) and 2- Ethyl Aniline (OEA).	
<b>B</b>	Ortho Toluidine/para Toluidine/[Meta Toluidine Distillation (Physical Separation)]	6000	<b>Complied</b>  Presently the unit is not doing the Physical separation. The unit has converted partial EC to CCA for phase-1.	CCA for this group was not taken. CCA copy is attached as <a href="#">Annexure-A.</a>
<b>2</b>	<b>Hydrogenated Products</b>	0	<b>Complied</b>  Presently the unit is not doing the Hydrogenation process. The unit has converted partial EC to CCA for phase-1.	Presently the unit is not doing the Hydrogenation process. The unit has converted partial EC to CCA. CCA for this group was not taken. CCA copy is attached as <a href="#">Annexure-A.</a>
	Ortho Toluidine			
	Chloro Aniline			
	DiChloro Aniline			
	TriChloroAniline			
	Ortho Phenylene Diamine			
	Phenylene Diamine			
	3,4 Diamino Diphenyl Ether			
	4,4 Diamino Diphenyl Ether			
<b>3</b>	<b>Chlorination Products</b>	0	<b>Complied</b>  Presently the unit is not doing the Chlorination process. The unit has converted partial EC to CCA for phase-1.	
	Monochloro Benzene			
	Ortho Dichlorobenzene			
	Para Dichloro Benzene			

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Total		Average production of <b>1396.93 MT/Month</b> in the compliance period (April-2025 to September-2025)	Production is well within the limit.
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Sr. No.	EC conditions	Compliance status						
A.1 SPECIFIC CONDITIONS:								
1	Unil shall install CEMS [Continuous Emission Monitoring System) in line to CPCB directions to all SPCB vide letter no B-29016/04/05PC-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server which can be assessable by the GPCB/CPCB on real time basis. (For Small/Large Medium (Red Category) and Whichever (Air emission and Effluent discharge) is applicable).	<b>Complied</b>  We have installed OCEMS to our flue gas stack of boilers and magnetic flow meter at ETP inlet and outlet and also installed PTZ camera at ETP outlet as per CPCB guideline. Regarding details are tabulated as below:						
		Sr.No o.	Station Name	Paramet er name	Brand name	Make and model of Analyzer	Serial No. of the Analyzer	Measurement Principle of the Analyzer
		1	Stack_1_Boiler 14 TPH	PM	Forbes Marshall	DCEM 2100	16128	opacity dust Monitoring
				SO2	Forbes Marshall	FMGCEm4 0xx	FMGCE M40XX-19054	Infrared absorption technology
				NOx	Forbes Marshall	FMGCEm4 0xx	FMGCE M40XX-19054	Infrared absorption technology
		2	Stack_2_Boiler	PM	Forbes	DCEM	19049	Opacity dust



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		67 TPH		Marshall	2100		Monitoring	
			SO2	Forbes Marshall	GCEM40xx Series Article no FMGCEM4 080	FMGCE M4080-18103	Infrared Absorption Analyser-In-Situ type (NDIR)	
			NOx	Forbes Marshall	GCEM40xx Series Article no FMGCEM4 080	FMGCE M4080-18103	Infrared Absorption Analyser-In-Situ type (NDIR)	
		3	ETP	Flow	Rosemoun t	8732FMT1 A1K1M4	6208645	electromagneti c induction
		4	Camera Location	ETP Outlet	Shreedhar Instrumen t (SECURUS)	SS0804ASL SS-NE12XS -M2	Static IP Address: 27.54.17 4.164	Grade IP (Internet Protocol) cameras having PAN, Tilt, Zoom (PTZ)
2	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines LDAR Logbooks shall be maintained	<b>Complied</b>  Unit has implemented the LDAR program during plant operation as per CPCB guidelines. Unit ensure the below listed conditions for LDAR program,  1. Approaches for controlling fugitive emissions from equipment leaks shall have proper selection, installation and maintenance of non-leaking or leak-tight equipment. Following initial testing after commissioning, the monitoring for leak detection is to be carried out as a						

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permanent on-going Leak Detection and Repair (LDAR) programme. Finally detected leaks are to be repaired within an allowable time frame.

2. Components that shall be covered under LDAR programme include (i) Block Valves; (ii) Control Valve; (iii) Pump seals; (iv) Compressor seals; (v) Pressure Relief Valves; (vi) Flanges - Heat Exchangers; (vii) Flanges - Pipings; (viii) Connector - Pipings; (ix) Open ended lines; (x) Sampling connections. Equipment and line sizes more than 1.875 cm or 3/4 inch are to be covered.
3. Monitoring Requirements and Repair Schedule: Following frequency of monitoring of leaks and schedule for repair of leaks shall be followed:

Components	Frequency of monitoring	Repair Schedule
	Quarterly (semiannual after two consecutive periods with < 2% leaks and annual after 5 periods with 2% leaks)	Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general hydrocarbons.
Pump Seals	Quarterly	In the case of benzene, the leak shall be attended immediately for repair.
Compressor Seals	Quarterly	
Pressure Relief Devices	Quarterly	
Pressure Relief Devices (after	Within 24 hours	

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venting)		
Heat Exchanger	Quarterly	
Process drains	Annually	
Components that are difficult to monitor	Annually	
Pumps seals with visible liquids dripping	Immediately	Immediately
Any components with visible leaks	Immediately	Immediately
Any components after repair/replacement	Within Five days	-

1. In addition, any component observed to be leaking by sight, sound or smell, regardless of concentration (liquid dripping, visible vapor leak) or presence of bubbles using soap solution should be considered as a leak.
2. The percentage leaking components should not be more than 2% for any group of components, monitored excluding pumps/compressors. In case of pumps/compressors, it should be less than 10% of the total number of pumps/compressors or three pumps and compressors, whichever is greater.
3. Pressure relief and blowdown systems should discharge to a vapor collection and recovery system or to flare.

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		<ol style="list-style-type: none"><li>4. Open-ended lines should be closed by a blind flange or purged.</li><li>5. A totally closed-loop should be used in all routine samples.</li><li>6. Low emission packing should be used for valves.</li><li>7. High integrity sealing materials should be used for flanges.</li><li>8. As per CPCB guidelines, the unit has installed Instrumental methods for measurement of VOC detection at various locations to identify leak detection in plant areas to arrest on priority basis.</li></ol> <p>List of located devices attached as <a href="#">Annexure-1</a></p>
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3 The National Ambient Air Quality Emission Standards issued by the Ministry vide GS. R. No 826 (E) dated 16th November 2009 shall be complied with

**Complied**

The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (Unistar Environment and Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. Copy of the analysis report has been attached as [Annexure-2](#)

**Unistar NABL Certification No.: TC-7753**

Location	Parameters(microgram/m <sup>3</sup> )	Month					
		Apr 25	May 25	Jun 25	Jul 25	Aug 25	Sep 25
Main Gate	PM10	75	75	72	75	68	68
	PM2.5	22	24	23	24	22	22
	SO2	21.2	17.0	20.9	17.6	14.3	15.8
	NO2	23.2	21.9	22.5	23.0	19.7	20.9
ETP	PM10	69	71	67	71	68	68
	PM2.5	22	23	22	24	22	22
	SO2	20.6	19.1	21.2	17.5	14.4	15.4
	NO2	24.0	23.3	22.0	22.7	19.1	20.8
Plant Office	PM10	67	69	67	78	63	64
	PM2.5	20	23	20	27	21	21
	SO2	16.5	18.03	19.0	16.5	14.1	14.5
	NO2	16.2	22.65	18.4	22.0	19.1	19.3

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4	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide GS. R. No 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<p><b>Complied</b></p> <p>National Emissions Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st November, 2010 and amended from time to time shall be followed.</p> <p>All process vents are in a closed loop. The venting of process vapor is done through a flare system. We continuously monitor VOC by portable instruments in the plant area. We are also monitored by NABL/MOEF and CC / GPCB authorized parties (Unistar Environment and Research Labs Pvt. Ltd.) on a monthly basis for the same. Also the unit has applied for partial EC to CCA for phase-1.</p>
5	Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants and shall carry out the project development in accordance and consistency with the same.	<p><b>Complied</b></p> <p>Being a ZLD unit, no effluent is sent to the GIDC drain. The certificate(undertaking) for disconnection of drainage connection issued by concerned authority on <b>18/04/2016</b> is attached as <a href="#">Annexure-3</a>.</p> <p>Unit has obtained EC as EC no: SEIAA/GUJ/EC/5(f)/547/2019 dated 10-04-2019. Unit has obtained CTO AWH 112729 dated 15-06-2021 for ZLD.</p>
6	All measures shall be taken to avoid soil and groundwater contamination within premises.	<p><b>Complied</b></p> <p>Unit has taken all necessary precautions and monitored the soil from time to time to eliminate soil and water contamination, all process areas are provided with proper flooring and catchment pit so that spills, if any, gets collected, transferred and properly treated in inhouse treatment systems. PCC flooring is provided for prevention of Soil contamination.</p> <p>The unit is carrying out a Soil Analysis location by a MoEF approved laboratory (Unistar Environment and Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. A copy of the analysis report has been attached as <a href="#">Annexure-4</a>.</p>
7	<b><u>Safety and Health:</u></b>	
a	PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.	<b>Complied</b>




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Unit has also developed OHC with all medical facilities with a factory medical officer and Staff Nurse. Photograph Occupational Health Centre (OHC) attached below.  
Details of OHC are attached as [Annexure-5](#).



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		 <p align="center"><b><u>Occupational Health Centre (OHC)</u></b></p>
b	PP shall obtain fire safety certificate/Fire No-Objection certificate (NOC) from the concerned authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.	<p><b>Complied</b></p> <p>the unit has an adequate fire protection system including sprinkler systems, various types of fire extinguishers, a comprehensive hydrant system with multiple fire pumps and a fire tender, and a detailed gas detection system attached as <a href="#">Annexure-6</a></p>
c	Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes	<p><b>Complied</b></p> <p>Unit has an automation system and the whole process was controlled by the DCS system.</p>
d	PP shall carry out mock drills within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.	<p><b>Complied</b></p> <p>We are ensuring to carry out mock drills within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.</p>
e	PP shall install adequate fire hydrant system with foam trolley	<p><b>Complied</b></p>

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	attachment within premises and separate storage of water for the same shall be ensured by PP.	We already have an adequate fire hydrant system with foam trolley attachment within premises and separate storage of water.
f	PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.	<p><b>Complied</b></p> <p>Separate Hazardous materials storage areas with dyke walls are provided.</p>
g	PP shall take all the necessary steps for human safety within premises to ensure that no harm is caused to any worker/employee or labor within premises.	<p><b>Complied</b></p> <p>The unit has provided Proper PPE to the worker/employee and regular training is provided. Training sheet is attached below.</p> <div> </div>

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h	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	<b>Complied</b>  Unit has installed flameproof electrical fittings in the plant premises.
i	Unit shall provide a water sprinkler to the ammonia storage cylinder.	<b>Noted. Not Applicable</b>
j	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	<b>Noted and Complied</b>
k	Unit shall provide effective isolation for the Process area and storage of hazardous chemicals.	<b>Complied</b>  Unit has a proper isolated tank farm area for the storage of the Hazardous chemical and also the dyke pit constructed to control spillage of any chemicals.

**A. 2 WATER:**

8	Total water requirement for the project shall not exceed 3072 KLD Unit shall reuse 776 KLD of treated industrial effluent within premises Hence, fresh water requirement shall not exceed 2296 KLD and it shall be met through GIDC water supply only Prior permission from concerned authority for withdrawal of water shall be obtained.	<div>Complied</div> <div>Total Water Requirement is not exceeding 3072 KL/Day and fresh water requirement is not exceeding 2296 KL/Day and recycled water is 776 KL/Day. Water consumption is under the prescribed limit.</div> <table><tr><th>Particular</th><th>Apr 2025</th><th>May 2025</th><th>Jun 2025</th><th>Jul 2025</th><th>Aug 2025</th><th>Sep 2025</th></tr><tr><td>Fresh Water Consumptions KL</td><td>21020</td><td>18672</td><td>19330</td><td>20354</td><td>21834</td><td>19231</td></tr><tr><td>Recycled Water (RO Permeate + MEE Condensate) Consumptions KL</td><td>4128.5</td><td>2706.0</td><td>3884</td><td>3779.5</td><td>4498</td><td>4412</td></tr><tr><td>Total Water Consumptions KL</td><td>25148.5</td><td>21378</td><td>23214</td><td>24133.5</td><td>26332</td><td>23643</td></tr></table>	Particular	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Fresh Water Consumptions KL	21020	18672	19330	20354	21834	19231	Recycled Water (RO Permeate + MEE Condensate) Consumptions KL	4128.5	2706.0	3884	3779.5	4498	4412	Total Water Consumptions KL	25148.5	21378	23214	24133.5	26332	23643
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		<p>The water consumption is within the prescribed limit. Water bill of the same is attached as <a href="#">Annexure-7</a></p> <p>In addition to this, the unit is also maintaining a logbook for the water consumption day-to-day basis.</p>															
9	<p>The industrial effluent generation from the project shall not exceed 724 KLD.</p>	<p><b>Complied</b></p> <p>The Industrial effluent generation has not exceeded 724 KLD. The total average of last six month data has been given in the table below:</p> <table><tr><th rowspan="2">MONTH</th><th>Industrial Effluent generation</th></tr><tr><th>KLD</th></tr><tr><td>April 2025</td><td>158.4</td></tr><tr><td>May 2025</td><td>113.0</td></tr><tr><td>June 2025</td><td>159.0</td></tr><tr><td>July 2025</td><td>154.1</td></tr><tr><td>August 2025</td><td>179.5</td></tr><tr><td>September 2025</td><td>187.3</td></tr></table> <p>The industrial effluent generation is within the permissible limit.</p>	MONTH	Industrial Effluent generation	KLD	April 2025	158.4	May 2025	113.0	June 2025	159.0	July 2025	154.1	August 2025	179.5	September 2025	187.3
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May 2025	113.0																
June 2025	159.0																
July 2025	154.1																
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September 2025	187.3																
10	<p>Management of Industrial effluent shall be as under:</p> <p>47 KLD effluent generated from process, washing and scrubber shall be in primary, secondary and tertiary ETP followed by RO-III. 33 KLD RO III permeate shall be reused within premises.</p> <p>677 KLD effluent generated from boiler, cooling tower and DM reject shall be treated in primary ETP followed by RO- 507 KLD RO-I permeate shall be reused within premises and 170 KLD RO-I reject</p>	<p><b>Complied</b></p> <p>The unit is a Zero liquid discharge unit. The effluent coming from various plants are collected and treated in ETP consists of :</p> <p>Primary Treatment: Stripper, 3 layer separation tank, Equalization tank, Flash Mixer (Coagulation), Flocculation Tank, Lamella Settler.</p> <p>Secondary Treatment: Aeration Feed Tank, Aeration Tank, Secondary Clarifier</p>															

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shall be treated in RO-L 119 KLD RO-II permeate shall be reused within premises.	Tertiary Treatment: RO, MEE and ATFD.							
	ZLD Flow diagram attach in <a href="#">Annexure : 8</a>							
14 KLD RO-III reject and 51 KLD RO-II reject shall be treated in MEE/ATFD 60 KLD MEE condensate shall be reused within premises.	And further treatment in RO followed by MEE and ATFD. The details of wastewater generation are given below.							
	Particular	Unit	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025
	RO Permeate	Total KLD	125.6	79.1	125.6	118.1	139.2	141.0
	MEE Condensate	Total KLD	12.0	8.2	3.9	3.8	5.8	6.0
	Total Water Recycled to Cooling Tower	Total KLD	137.6	87.3	129.5	121.9	145.1	147
All quantities are within the prescribed limit.								



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11	Domestic wastewater generation shall not exceed 57 KL/day for proposed project and it shall be treated in STP. It shall not be disposed of into a soak oil septic tank. Treated sewage shall be utilized for gardening and plantation purpose and cooling tower within premises after achieving on-land discharge norms prescribed by the GPCB.	<div>Compiled.</div> <table><thead><tr><th></th><th>Domestic Waste Water generation</th></tr><tr><th>MONTH</th><th>KL</th></tr></thead><tbody><tr><td>April 2025</td><td>18.2</td></tr><tr><td>May 2025</td><td>17.0</td></tr><tr><td>June 2025</td><td>21.2</td></tr><tr><td>July 2025</td><td>14.0</td></tr><tr><td>August 2025</td><td>14.0</td></tr><tr><td>September 2025</td><td>16.1</td></tr></tbody></table> <div>All sewage generation quantities are within the permissible limit.</div> <div>For Domestic sewage Unit has Installed an adequate 60 KLD STP and treated sewage is reused for gardening/plantation within premises after analyzing the parameter. analysis report data given in below table also the lab report attached in <a href="#">Annexure :9</a></div>		Domestic Waste Water generation	MONTH	KL	April 2025	18.2	May 2025	17.0	June 2025	21.2	July 2025	14.0	August 2025	14.0	September 2025	16.1
	Domestic Waste Water generation																	
MONTH	KL																	
April 2025	18.2																	
May 2025	17.0																	
June 2025	21.2																	
July 2025	14.0																	
August 2025	14.0																	
September 2025	16.1																	
12	During monsoon season when treated sewage September is not required for the plantation / Gardening/Green belt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case.	<div>Noted and Complied</div> <div>The treated STP water is being used for green belt development / Cooling tower. During Monsoon the treated STP water shall be used for cooling tower make up. Also, the Unit has constructed a guard tank for storage of treated water.</div>																
13	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	<div>Complied</div> <div>Unit-maintains the ZLD system.</div> <div>Unit has an adequate buffer with two water storage tanks each of 225 KL capacity for holding the treated wastewater during the rainy days.</div>																
14	Unit shall provide ETP STP, ROS and MEE with adequate capacity	<div>Complied</div> <div>Primary Treatment: Stripper, 3 layer separation tank, Equalization tank, Flash Mixer (Coagulation),</div>																

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

Flocculation Tank, Lamella Settler

Secondary Treatment: Aeration Feed Tank, Aeration Tank, Secondary Clarifier

Tertiary Treatment: RO, MEE and ATFD.

And further treatment in RO followed by MEE and ATFD.

**ZLD Equipment RO, MEE and ATFD**

SR. No	Description	Existing Installed Capacity (KLD)
1	Effluent Treatment Plant	60
2	RO- Process (Chemical)	60
3	Utility RO-1	150
4	Utility RO-2	550
5	MEE and ATFD	60
6	HP RO	50
7	SP RO	200
9	STP	60
10	Stripper	60

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**



ETP-60 KLD



Stripper-60 KLD





MEE and ATFD-60KLD



RO Process (Chemical)-60 KLD  
and HP RO-50KLD

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

		<div></div> <div><u>SP RO-200KLD</u><u>Utility RO-1 - 150 KLD</u> <u>and Utility RO-2 - 550KLD</u></div>																					
15	The unit shall provide metering facility at the inlet and outlet of ETP STP ROS and MEE and maintain records for the same.	<b>Complied</b>  The unit has provided metering facilities at the inlet and outlet of ETP STP ROS and MEE and maintains records for the same.																					
16	Proper logbooks of ETP, STP ROS and MEE reuse recycle of treated untreated effluent chemical consumption in effluent treatment quantity and quality of treated effluent power consumption etc shall be maintained and shall be furnished to the GPCB from time to time.	<b>Complied</b>  The unit has maintained proper records for ETP,MEE,RO and MEE logbooks.																					
<b>A.3 AIR:</b>																							
17	Unit shall not exceed fuel consumption for boilers. TFHs and D G Sets as mentioned below: <table><tr><td>Sr. No</td><td>Source of Emission</td><td>Stack Height</td><td>Fuel Type</td><td>Fuel Consumption</td><td>Type Pollu</td></tr><tr><td>1</td><td>Boiler-1 (Cap.</td><td>42 (Common</td><td>Coal</td><td>3333.3 kg/hr</td><td>PM: mg/t</td></tr></table>	Sr. No	Source of Emission	Stack Height	Fuel Type	Fuel Consumption	Type Pollu	1	Boiler-1 (Cap.	42 (Common	Coal	3333.3 kg/hr	PM: mg/t	<b>Complied</b>  The data of the last six months are given in the following table. <table><tr><th colspan="3">Natural Gas Consumption</th></tr><tr><th>Month</th><th>Total Consumption (kg/Month)</th><th>Total Consumption Kg/Hr</th></tr><tr><td>April 2025</td><td>67,222.60</td><td>70.0</td></tr></table>	Natural Gas Consumption			Month	Total Consumption (kg/Month)	Total Consumption Kg/Hr	April 2025	67,222.60	70.0
Sr. No	Source of Emission	Stack Height	Fuel Type	Fuel Consumption	Type Pollu																		
1	Boiler-1 (Cap.	42 (Common	Coal	3333.3 kg/hr	PM: mg/t																		
Natural Gas Consumption																							
Month	Total Consumption (kg/Month)	Total Consumption Kg/Hr																					
April 2025	67,222.60	70.0																					

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

		20TPH)	chimney with Boller)			SOx: ppm and NOx: ppm
	2	TFH-1 (Cap. 20 Lac kCal/ hr)		Natural Gas	187.5 kg/ hr	
	3	Boiler-II (Cap. 67 TPH)	80	Coal	310 MT/day	
	4	DG Set Cap. 1000 kVA	30	Diesel	270 lit/ hr	
	5	DG Set Cap. 1000 kVA	30	Diesel	270 lit/ hr	
	6	DG Set Cap. 1500 kVA	30	Diesel	300 lit/ hr	
	7	Ethylation Furnace Vent	42	Coal	150 kg/ hr	
	<b>Proposed Additional</b>					PM: mg/t SOx: ppm and NOx: ppm
	1	Boiler-III (Cap. 67 TPH)	80 (Common chimney with Boller-II)	Coal	12.917 MT/ hr	
	2	TFH-II (Cap. 40 Lac kCal/ hr)	35	Coal	1.4 MT/ hr	
	3	DG Set Cap. 2500 kVA	30	Diesel	750 lit/ hr	

<b>May 2025</b>	61,046.88	61.5
<b>June 2025</b>	53853.9	56.1
<b>July 2025</b>	46204.6	46.6
<b>August 2025</b>	63340.6	63.9
<b>September 2025</b>	24061.7	25.1

Month	Total Diesel Consumption (Ltr/Month)	Diesel Consumption (Ltr/Hr)
<b>April 2025</b>	229.3	0.3
<b>May 2025</b>	1146.6	1.6
<b>June 2025</b>	210.2	0.3
<b>July 2025</b>	238.9	0.3
<b>August 2025</b>	238.9	0.3
<b>September 2025</b>	1079.76	1.5

Month	Coal Consumption in 67 TPH and 14 TPH boiler (MT/Month)	Coal Consumption for boiler (MT/day)	Coal Consumption for boiler (MT/Hr)
<b>April 2025</b>	4786.0	159.5	6.6
<b>May 2025</b>	2979.0	96.1	4.0
<b>June 2025</b>	3618.0	120.6	5.0
<b>July 2025</b>	4996.0	161.2	6.7
<b>August 2025</b>	5622.0	181.4	7.6

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

	Total After Proposed Expansion					PM: mg/l SOx: ppm  and  NOx: ppm	September 2025	5151.0	171.7	7.2
	1	Boiler-1 (Cap. 20TPH)	42 (Common chimney with Boller)	Coal	3.3333 MT/ hr					
	2	TFH-1 (Cap. 20 Lac kCal/hr)		Natural Gas	0.1875 MT/ hr					
	3	Boiler-II (Cap. 67 TPH)	80 (Common chimney)	Coal	12.917 MT/ hr					
	4	Boiler-III (Cap. 67 TPH)		Coal	12.917 MT/ hr					
	5	TFH-II (Cap. 40 Lac kCal/hr)	35	Coal	1.4 MT/ hr					
	6	DG Set Cap. 1000 kVA	30	Diesel	270 lit/ hr					
	7	DG Set Cap. 1000 kVA	30	Diesel	270 lit/ hr					
	8	DG Set Cap. 1500 kVA	30	Diesel	300 lit/ hr					
	9	DG Set Cap. 2500 kVA	30	Diesel	750 lit/ hr					
18	Unit shall provide adequate APCM with flue gas generation sources					Complied				



**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

to achieve the norms prescribed by GPCB.

APCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area.

**APCM:-**

APCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area.



**3 stage ESP and 76 m stack attached to boiler**

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**



Silo installed for fly ash storage and dusting free truck loading



Automated Lime feeding system for controlling SOx emission.

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

19	Unit shall provide adequate APCM with process gas generation sources as mentioned below.					<b>Complied</b>  Alkali scrubber has been provided for control of HCl gas emission from the Ethylation and Propylation process. Scrubber to Hydrolysis Process-II has been connected into the Scrubber to Hydrolysis Process-I as per CCA No. AWH-112729 and dated 15/06/2021.  HCL emissions in the Ethylation and Propylation process are monitored by an approved NABL / GPCB/MOEFandCC authorized party (Unistar Environment and Research Labs Pvt. Ltd.). The results are given below table. Copy attached in the following table. See <a href="#">Annexure-10</a> .  <b><u>Unistar NABL Certification No.: TC-7753</u></b> <table><tr><th>Month</th><th>HCl (mg/Nm3)</th><th>GPCB Limit</th></tr><tr><td><b>April 2025</b></td><td>BDL</td><td rowspan="6">20 mg/Nm3</td></tr><tr><td><b>May 2025</b></td><td>BDL</td></tr><tr><td><b>June 2025</b></td><td>BDL</td></tr><tr><td><b>July 2025</b></td><td>BDL</td></tr><tr><td><b>August 2025</b></td><td>BDL</td></tr><tr><td><b>September 2025</b></td><td>BDL</td></tr></table>	Month	HCl (mg/Nm3)	GPCB Limit	<b>April 2025</b>	BDL	20 mg/Nm3	<b>May 2025</b>	BDL	<b>June 2025</b>	BDL	<b>July 2025</b>	BDL	<b>August 2025</b>	BDL	<b>September 2025</b>	BDL
	Month	HCl (mg/Nm3)	GPCB Limit																			
	<b>April 2025</b>	BDL	20 mg/Nm3																			
	<b>May 2025</b>	BDL																				
	<b>June 2025</b>	BDL																				
	<b>July 2025</b>	BDL																				
	<b>August 2025</b>	BDL																				
	<b>September 2025</b>	BDL																				
	Sr. N o.	Sp. Source of Emission	Type of Emission	Stack Height	APCM																	
	<b>Existing</b>																					
	1	CaCO3 reactor	HCl	11	Falling film Absorber followed by Alkali Scrubber																	
	2	Chlorinator	HCl	11	Falling film Absorber followed by Tail Gas																	
	3	Flare Stack (NG - 5 kg/ hr)	-	18	-																	
4	Scrubber to Hydrolysis Process-I	HCl	11	Caustic Scrubber																		
<b>Proposed Additional</b>																						
1	Scrubber to Hydrolysis Process-II	HCl	11	Caustic Scrubber																		
2	Flare Stack (NG - 10 kg/ hr)	-	18	-																		
<b>Proposed Total</b>																						
1	Scrubber to Hydrolysis Process-I	HCl	11	Caustic Scrubber																		

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

	2	Scrubber Hydrolysis Process-II to HCl	11	Caustic Scrubber		
	3	Flare Stack (NG - 10 kg/ hr)	-	18		-
20	PP shall use approved fuels only as fuel in boilers				<b>Complied</b> Unit has used approved fuels only in boilers.	
21	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (eg. Directors of Industrial Safety Health). Following indicative guidelines shall also be followed to reduce the fugitive emission. <ul style="list-style-type: none"><li>Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.</li><li>Air borne dust shall be controlled with water sprinklers at suitable locations in the plant</li><li>A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive and transport dust emission</li></ul>				<b>Complied</b> Unit has followed below guidelines to reduce the fugitive emissions in the work zone.  Internal roads are concreted.  Water sprinklers are provided to control air borne dust at suitable locations in the plant.  Green belt is developed around the roads and the periphery of the site to mitigate fugitive and transport dust emission <a href="#">Annexure-11.</a>	
22	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.				<b>Complied</b> As per CPCB guidelines, the unit has installed Instrumental methods for measurement of VOC detection at various locations to identify leak detection in plant areas to arrest on priority basis. List of located devices attached as <a href="#">Annexure-1.</a>	
23	For control of fugitive emission, VOCs, following steps shall be followed:				<b>Compiled.</b>  ➤ Closed handling and charging systems have been provided for chemicals. ➤ Reflux condenser has been provided over Reactors / Vessels. ➤ Pumps have been provided with mechanical seals to prevent leakages. ➤ The plant is operated by a DCS system. ➤ Unit has provided an enclosure system for air borne dust at all transfer operations	
	Closed handling and charging system shall be provided for chemicals Reflux condenser shall be provided over Reactors/Vessels					
	Pumps shall be provided with mechanical seals to prevent leakages					
	Air borne dust at all transfers operations points shall be controlled either by spraying water or providing enclosures.					

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

24	Regular monitoring of ground level concentration of PM10. PM2.5. SO2, NOx, HCI and VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	<p><b>Complied</b></p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (Unistar Environment and Research Labs Pvt. Ltd.).</p> <p>The details are mentioned in point No.3.</p> <p>The results of the analysis are provided in the table. Copy of the analysis report has been attached as <a href="#">Annexure-2</a></p>
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**A.4 SOLID/HAZARDOUS WASTE:**

25	All the hazardous/ solid waste management shall be taken care of as mentioned below.							<p><b>Complied.</b></p> <p>The unit has obtained permission from the GPCB CCA No. AWH-112729, Issued on 15/06/2021 valid till 19/05/2028 for collection, storage and disposal of hazardous waste. The solid waste is disposed to BEIL, Ankleshwar, process waste is disposed to RSPL for co processing and Aluminium Hydroxide (Process Waste) is being sent to Pradip Overseas (Rule-9) for utilization as raw material in their process through manifest system and GPS.</p>						
Sr . No	Type/Name of Hazardous waste	Source of generation	Category and schedule as per HW rules	Quantity (MT/Annum)			Disposal							
				Exis ting	Prop osed	Total								
1	ETP Sludge	From ETP	35.3	482	500	730	Collect and Se Approv CHWIF, site fo or will co-prod pre-Pro incinerat	Month	ETP Sludge + MEE Salt (35.3) (MT) Landfillin g	Process Residue (26.1) (MT) Pre-proce ssing	Spent Waste oil (5.1) (MT)	Aluminum Hydroxide / Process Waste(26. 1) (Rule-9, Pre-proces sing and incineratio n) (MT)	Discarded Bags/Insu lation Waste(33. 1) (MT)	Insulatio n Waste/N RP
2	MEE Salt	From MEE	35.3		1573	1825	Collect and Se Approv CHWIF,	Limit (MT/Annu m)	2555	660	35	81739 Rule-9	15	40
								April	37.7	12.51	0.00	386.12	1.7	1.75

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

							site for or will co-produce incineration	2025								
								May 2025	19.34	25.2	0.00	397.85	0.00	3.85		
3	Used or Spent Oil	From Plant Operation	5.1	9	26	35	Collection, transport, disposal out to GPC Register recycle reproce co-produce	June 2025	23.15	26.29	0.00	521.59	0.77	1.31		
								July 2025	12.36	0.00	0.00	579.42	0.00	2.35		
								August 2025	23.64	27.98	0.00	565.42	2.61	2.14		
								September 2025	31.22	22.75	0.00	151.41	0.00	0.00		
4	Discarded Container (Drums/ Carboys/ bottles/ bags)	From Plant Operation	33.1	6.2	8.8	15	Collection, transport, disposal to GPC reproce recycle TSDF.	Total	147.41	114.73	0.00	2601.81	5.08	11.4		
								Month	Spent Catalyst (26.5) (MT)Recyclers	Spent carbon(26.1) (MT)	Off-Specific ation(26.1)( MT)	spent Resin(35.2) (MT)	HF	H3BO3		
5	Process Waste (Residue)	From Manufacturing of Products in Group A and B.	26.1	600	5460	6060	Collection, transport, disposal Approved CHWTS incineration be co-produce pre-pro facility.	Limit (MT/Annunm)	0.0	60	32	20	0	0		
								April 2025	0	0	0	0	0	0		
								May 2025	0	0	0	0	0	0		
6	Spent Catalyst	From Processes	26.5	0.12	-0.12	0	Collection, transport, disposal	June 2025	0	0	0	0	0	0		



**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

							out to C Registe	July 2025	0	0	0	0	0	0	
7	Aluminium Hydroxide (Al(OH)3)	From Manufacturing of Products in Group A	26.1	12168	69571	81739	Collection Transported to end user having under Hazardous Waste Other 2016 incinerated co-product pre-product facility.	August 2025	0	0	0	0	0	0	
								September 2025	0	0	0	0	0	0	
								Total	0	0	0	0	0	0	
								All the disposed quantity are within the prescribed limit  Unit is strictly complying with all the regulations mentioned in Hazardous waste rule, 2016 (Manifest-Form 10/Labeling-Form 8/ TREM Card- Form 9/Maintain Records- Form 3/ Annual return submission- Form 4 etc.  The unit is submitting Form 4 and on a regular basis, Form- 4 of 2024-25 is submitted to the board As vide letter number AIL/DHJ/NEO/ENV/2025-26/01 and the same as attached as <a href="#">Annexure-13</a>							
8	Non Recyclable Plastic, PPE and Insulation waste/ cotton waste	From Plant	33.1	20	20	40	Collection transported to recycle/reprocess co-product GPCB CHWTS								
9	Spent Carbon	From ETP and DM Plant	26.1	20	40	60	Collection transported to Approved CHWTS incinerated								

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

								co-prod pre-pro facility	
	10	Off Specificat ion Product	From Manuf acturi ng Proces s	26.1	12	20	32	Collecti transpo disposa Approv CHWTS inciner be co-prod facility.	
	11	Spent resin	From DM Plant	35.2	0	20	20	Collecti Transpo sent co-prod Pre-pro TSD/ C	
	12	HF	-	-	234	-234	0	Not Ap	
	13	H3BO3	-	-	243	-243	0	Not Ap	
26	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.								<p><b>Complied</b></p> <p>Unit is generating Aluminum Hydroxide as Hazardous waste for which valid authorization CCA number AWH-112729, dated 15/06/2021 is obtained. Aluminum hydroxide is being sent to Mona Print Pvt Ltd. (Rule-9) for utilization as raw material in their process through manifest system and AIS-140 based GPS tracking. Also we have intimated GPCB for the same. Sample copy attached as <a href="#">Annexure-14</a>, and <a href="#">Annexure-15</a> and respectively. MoU also attached as <a href="#">Annexure-16</a></p>

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

27	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable and land fillable wastes before sending to CHWIF and TSDF sites respectively.	<b>Compiled</b>  Unit is exploring all the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable and land fillable wastes. Unit had made an agreement with M/s. Shree Cement for incinerable to co-processing waste. Attachment is attached as <a href="#">Annexure-17</a>		
28	Management of fly ash shall be as per the Fly ash Notification 2009 and its amendment from time to time and it shall ensure 100% utilization of fly ash to be generated from the unit.	<b>Compiled.</b>  We are sending 100 % Fly Ash to the end user for the purpose of brick manufacturing. <a href="#">Annexure-18</a>		
29	STP sludge shall be collected and used as manure in gardening activity or sent to TSDF site for landfilling.	<b>Complied</b>  STP sludge is collected and used as manure in gardening activity or sent to TSDF site for landfilling.		
30	The project proponent has to obtain membership of TSDF site and CHVWIF before obtaining CTO of GPCB.	<b>Compiled.</b>  Monthly sludge generation and disposal. Unit has valid membership of the TSDF(BEIL), SEPPL and RSPL. Copies of membership certificates are attached as <a href="#">Annexure-19</a>		
31	The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to the commencement of production in the absence of potential buyers of these items the unit shall restrict the production of the respective items.	<b>Complied</b>  Unit has made MOU with the end user of hazardous waste along with MOU. MoU also attached as <a href="#">Annexure-16</a>		
<b>A.5 OTHER:</b>				
32	The project proponent shall carry out the activities [Land reformation for tree plantation with maintenance. Fencing and Security infrastructure development, Tree plantation, Maintenance of plantation, Drip Irrigation, Lake formation, Chen of water bodies, Installation of Dam Formation, Khet Falavadi formation, Water recharge borewell, Maintenance Panel, Dental care through mobile van, Medical camps with appropriate treatments for all nearby villagers, Collation with CHC/PHC for health infrastructure	<b>Complied</b>  The project proponent has complied with all the conditions mentioned in “The Companies (Corporate Social Responsibility Policy) Rules 2014” and its amendments from time to time. The CER/CSR activities list have been below		
		<b>Name of Associated NGO</b>	<b>Nature of Work</b>	<b>Amount (Rs)</b>

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

	developments, Collaboration with nearby hospitals JIA. Serva Rural for SE development, Hygiene awareness for community through medical team, Swachh Bharat Abhiyan for community Vadadla, Vav, Kadodara proposed under CER and it shall be part of the Environment Management Plan (EMP) as MoEFandCCS OM no. F No 22-65/2017-IA III dated 30.09.2020. This shall be monitored and the monitoring report submitted to the regional office of MoEFandCC as a part of a half-yearly compliance report and to the Direct Collector. The monitoring report shall be posted on the website of the project proponent.	Ramdev Electronics (C/o Jan seva and Charitable Trust)	Donation of BPL Smart LED 55 inch TV to School	40,000	
		Happy Home	Distribution of 200 Water Bottle (per pieces price 180)for Lakhigam School	42,480	
		Gram Vikas Trust	Donation for Aarti Play group school at village Dahej and Mira nagar Ankleshwar	741,256	
		Gram Vikas Trust	Donation for Vidya Sarthi Project	250,000	
		Total :		1,073,736	
33	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. ENPRO Enviro Tech and Engineers Pvt. Ltd. and submitted by the project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	Noted and will be Complied			
B. GENERAL CONDITIONS:					
B.1 CONSTRUCTION PHASE:					
34	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices	Complied  Unit has adopted best construction practices for expansion.			

**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

35	Project proponents shall ensure that the surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	<b>Complied</b>  Unit has installed AAQM monitoring systems at different places for controlling fugitive emission.																																																						
36	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<b>Complied</b>  Unit has provided all required sanitary and hygienic measures separately for expansion related project work.																																																						
37	First Aid Box shall be made readily available in adequate quantity at all times.	<b>Complied</b>  First Aid Boxes are available and required Antidotes for the chemicals used in the unit will be made available in adequate quantity before commencement of expansions.																																																						
38	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act 1995 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be compiled in letter and spirit.	<b>Complied</b>  The project proponent strictly comply with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act 1995 and Gujarat rules made there under and their subsequent amendments.																																																						
39	Ambient noise levels shall conform to residential standards both during day and night Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	<b>Complied</b> <table><tr><th rowspan="2">Locati on</th><th rowspan="2">GPCB LIMITS</th><th colspan="2">April '25</th><th colspan="2">May'25</th><th colspan="2">June'25</th><th colspan="2">July'25</th><th colspan="2">August'25</th><th colspan="2">September'25</th></tr><tr><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th></tr><tr><td>Near Main Gate</td><td>Day @ 75 dB (A)</td><td>67.8</td><td>57.4</td><td>66.7</td><td>56.7</td><td>65.8</td><td>58.3</td><td>69.7</td><td>60.2</td><td>63.2</td><td>58.2</td><td>62.4</td><td>57.5</td></tr><tr><td>Near Mate rial Gate</td><td>Night @ 70 dB (A)</td><td>66.5</td><td>53.7</td><td>65.8</td><td>52.3</td><td>69.3</td><td>55.7</td><td>67.2</td><td>58.8</td><td>61.5</td><td>55.8</td><td>63.4</td><td>56.2</td></tr></table>	Locati on	GPCB LIMITS	April '25		May'25		June'25		July'25		August'25		September'25		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Near Main Gate	Day @ 75 dB (A)	67.8	57.4	66.7	56.7	65.8	58.3	69.7	60.2	63.2	58.2	62.4	57.5	Near Mate rial Gate	Night @ 70 dB (A)	66.5	53.7	65.8	52.3	69.3	55.7	67.2	58.8	61.5	55.8	63.4	56.2
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**M/s. Aarti Industries Limited, Plot no. Z/103/H, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.**

			Near Boile r	72.3	69.8	71.6	68.4	72.4	69.4	70.4	67.3	69.4	65.2	68.6	61.5	
			Near ETP	70.2	66.5	69.2	65.5	64.7	60.2	66.8	62.6	68.2	61.4	66.5	62.2	
			Near MEA Plant	68.4	65.3	67.5	64.2	66.9	62.8	68.3	64.4	70.2	65.2	71.1	66.4	
			Near MEA-2 Proje ct Area	62.6	58.9	61.3	57.6	63.1	55.5	65.5	57.1	69.5	62.8	70.2	64.8	
		Noise report is attached as <a href="#">Annexure-21</a>														
40	Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	<b>Complied</b>  Unit has ensured the requirement of acoustic enclosure for operating the DG sets during existing operation.														
41	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured	<b>Complied</b>  Unit ensures safe disposal of waste water and municipal solid wastes which is generated from construction activity which is treated in the existing ZLD system within the plant.														
42	All topsoil excavated during construction activity shall be used in horticultural landscape development within the project site.	<b>Complied</b>  Unit is utilizing topsoil and excavated soil for leveling purposes at sister concern unit. Also a unit having permission for the same.														

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43	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects Disposal of the excavated earth during construction phase shall not create adverse effect on neighboring communities.	<b>Complied</b>  Excavated earth to be generated during the construction phase is utilized within the premises to the maximum extent possible.
44	Project proponents shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.	<b>Complied</b>
45	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the EP. Act 1986 and its subsequent amendments from time to time.	<b>Complied</b>
46	Windbreakers of appropriate height i.e 1/3rd of the building height and maximum up to 10 meters shall be provided Individual building within the project site shall also be provided with barricades.	<b>Complied</b>  Windbreakers of appropriate height i.e 1/3rd of the building height and maximum up to 10 meters is provided Individual building within the project site along with barricades.
47	No uncovered vehicles carrying construction material and waste shall be permitted."	<b>Complied</b>
48	"No loose soil or sand or construction and demolition waste or any other construction material that cause dust shall be left uncovered Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."	<b>Complied</b>
49	Roads leading to or at construction site must be paved and blacktopped (ie metallic roads)	<b>Complied</b>
50	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	<b>Complied</b>
51	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	<b>Complied</b>
52	Grinding and cutting of building materials in open areas shall be prohibited.	<b>Complied</b>
53	Construction material and waste should be stored only within earmarked areas and road side storage of construction material and waste shall be prohibited.	<b>Complied</b>

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54	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).	<b>Complied</b>
<b>B.2 OPERATION PHASE:</b>		
<b>B.2.1 WATER:</b>		
55	The water meter shall be installed and records of daily and monthly water consumption shall be maintained .	<b>Complied</b>  The water consumption is within the prescribed limit.  In addition to this, the unit is also maintaining a logbook for the water consumption day-to-day basis.
56	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	<b>Complied</b>  All efforts are made to optimize water consumption by exploring Best Available Technology (BAT). The unit continuously strives to reduce, recycle and reuse the treated effluent.
<b>B.2.2 AIR:</b>		
57	In case of use of spray dryer, the unit shall provide the adequate and efficient APCMs with spray dryer so that there should not be any adverse impact on human health and environment. The unit shall carry out third party monitoring of the proposed Spray dryer and its APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with a half yearly compliance report.	<b>Complied</b>  As of now the unit has not installed any spray dryer system as it is not the process requirement.
58	Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	<b>Complied</b>  Unit has provided acoustic enclosure to DG sets to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.



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59	Stacks/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission .	<p><b>Complied</b></p> <p>Stacks of adequate height as per prevailing norms are provided for the flue gas and process emissions. Stack heights are given as below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Stack attached to</th><th>Stack height (m)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Boiler-I (Capacity- 14 TPH)</td><td rowspan="2">42 (Common)</td></tr> <tr> <td>2</td><td>Thermic Fluid Heater (Capacity- 20 Lac Kcal/Hr)</td></tr> <tr> <td>3</td><td>D G Set(Capacity- 1000 KVA)- 2 Nos.</td><td>30</td></tr> <tr> <td>4</td><td>D G Set (Capacity- 1500 KVA)</td><td>30</td></tr> <tr> <td>5</td><td>Boiler II (Capacity- 67 TPH)</td><td>80</td></tr> <tr> <td>6</td><td>HCL Scrubber</td><td>11</td></tr> <tr> <td>7</td><td>Reactor (NG consumption 5 kg/hr for flaring)</td><td>18</td></tr> </tbody> </table>	Sr. No.	Stack attached to	Stack height (m)	1	Boiler-I (Capacity- 14 TPH)	42 (Common)	2	Thermic Fluid Heater (Capacity- 20 Lac Kcal/Hr)	3	D G Set(Capacity- 1000 KVA)- 2 Nos.	30	4	D G Set (Capacity- 1500 KVA)	30	5	Boiler II (Capacity- 67 TPH)	80	6	HCL Scrubber	11	7	Reactor (NG consumption 5 kg/hr for flaring)	18
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60	Flue gas emission and Process gas emission (if any) shall conform to the standards prescribed by the GPCB/CPCB/MOEFCC At no time, emission level should go beyond the stipulated standards.	<p><b>Complied</b></p> <p>Flue gas emissions are monitored by an approved NABL / GPCB/MOEF and CC authorized party (Unistar Environment and Research Labs Pvt. Ltd.). The results are attached in the following table. Results for the same are attached as <a href="#">Annexure-10</a>.</p>																							
61	All the reactor vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<p><b>Complied</b></p> <p>All reactors/vessels are in a closed loop system. There is no fugitive emission generation.</p>																							
<b>B.2.3 HAZARDOUS/SOLID WASTE:</b>																									
62	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as September be	<p><b>Complied</b></p> <p>Unit is strictly complying with all the regulations mentioned in Hazardous waste rule, 2016</p>																							

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	amended from time to time Authorization of the GPCB shall be obtained for collection/treatment/storage/disposal of hazardous wastes.	(Manifest-Form 10/Labeling-Form 8/ TREM Card- Form 9/Maintain Records- Form 3/ Annual return submission- Form 4 etc. If required in future we will do amendments from time to time.
63	Hazardous wastes shall be dried, packed and stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<b>Complied</b>  Unit has provided a hazardous waste storage area with a pucca bottom and leachate collection facility.
64	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF (Whichever is applicable).	<b>Complied</b>  Unit has received membership from BEIL and SEPPL. Membership certificate copy from CHWIF and TSDF of the same are attached in <a href="#">Annexure-19</a>
65	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988. and rules made there under.	<b>Complied</b>  Unit is ensuring to deploy trucks/Tankers as per the provisions under the Motor Vehicle Act, 1988 and rules made there under for the transportation of hazardous waste. Unit is Following the AIS 140 based GPS tracking System for all the Hazardous Waste Vehicle.
66	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	<b>Complied</b>  Unit is ensuring to deploy trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation.
67	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<b>Complied</b>  Unit is putting all efforts to pre-treat / process the hazardous waste before disposal to TSDF / CHWIF.
68	Management of fly ash (If any) shall be as per the Fly ash Notification 2009 and its amendment from time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	<b>Noted and complied</b>  Fly Ash notification compliance report is attached as <a href="#">Annexure- 22</a>
<b>B.2.4 SAFETY:</b>		
69	The occupier/manager shall strictly comply with the provisions under the Factories Act 1948 and the Gujarat Factories Rules, 1963.	<b>Complied</b>  The occupier has strictly complied with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.
70	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989 as amended time to time and the Public	<b>Complied</b>  The project management strictly complies with the provisions made in the factories Act, 1948 as

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	Liability Insurance Act for handling of hazardous chemicals etc Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	well as Manufacture, Storage and Impact of Hazardous Chemical Rules, 1989 as amended in 2000 for handling of hazardous chemicals.  Certificate issued from PESO is attached as <a href="#">Annexure-24</a> On-site and Off-site Disaster Management Plans have been prepared and implemented and Same has been submitted to DISH and attached as <a href="#">Annexure-25</a>
71	Main entry and exit shall be separate and clearly marked in the facility.	<b>Complied</b>  Main entry and Exit were separated and have been constructed marked clearly.
72	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender! emergency vehicle around the premises.	<b>Complied</b>  Sufficient peripheral open passage is provided in the margin area for free movement of fire tender/ emergency vehicle around the premises.
73	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b> Unit has been constructed as per prevailing rules of government authorities for storage of flammable chemicals.
74	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b>Complied</b>  Unit has provided a total <b>220</b> numbers of fire extinguishers near the plant and storage area. The fire extinguishers are installed in all the process plants such as ethylation and propylation section, Warehouse Plant as well as in ETP, OHC, Admin, Canteen etc. It is installed on every floor in the premises.
75	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic hazardous chemicals.	<b>Complied</b>  Unit is ensuring to take necessary precautions as per the prevailing rules of government authorities for storage and handling of toxic and hazardous chemicals
76	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	<b>Complied</b> Unit will ensure to maintain optimum quantities of toxic / hazardous chemicals. All necessary permissions are obtained in this regard before commencing the expansion activities.
77	The project management shall ensure to comply with all the environmental protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied</b>  The unit has adhered to the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report. The letter submitted to DISH for Risk Assessment Report, Safety Audit Report, QRA study. The same has been attached in

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		The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.
78	Only flameproof electrical fittings shall be provided in the plant premises.	<p><b>Complied</b></p> <p>Unit has installed flameproof electrical fittings in the plant premises.</p>
79	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks/containers instead of one single large capacity tank/container.	<p><b>Complied</b></p> <p>Separate Hazardous materials storage areas with dyke walls are provided. Photo of dyke wall attached as below:</p> <div> </div>
80	As the storage tanks shall be lifted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<p><b>Complied</b></p> <p>Unit has installed necessary engineering controls to avoid leakages and hazardous chemical storage tanks have been installed inside a Bund/ dyke wall.</p>

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81	Handling and charging of the chemicals shall be done in a closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<b>Complied</b>  Unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer.																																								
82	Tie up shall be done with a nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<b>Complied</b>  In case of emergencies, the unit has arrangements with nearby healthcare units and doctors for immediate medical attention, and also has an on-site Occupational Health Center (OHC) equipped with full medical facilities, staffed by factory medical officers, and further maintains a tie-up with a hospital as documented below table. <table><tr><th colspan="5">External Hospitals Tie UP Contact No.</th></tr><tr><th>Sr no.</th><th>Name Of Hospital</th><th>Address of Hospital</th><th>External No.</th><th>Contact no.</th></tr><tr><td>1</td><td>Apex hospital</td><td>Adarsh Market, Panchbatti, Bharuch</td><td>02642-265800</td><td>Dr Asma (9158059220)</td></tr><tr><td>2</td><td>7X Multispeciality Hospital</td><td>4th Floor, 7X Corridor, Soneri Mahal Rd, opp. Motilal Vin Baug, nr. Panchbatti, Bharuch</td><td>9824143278</td><td>Hardish Patel(7990857930) Nikunj</td></tr><tr><td>3</td><td>Baroda heart multi speciality hospital</td><td>Capital business centre Panchbatti, Bharuch</td><td>02642-260551 / 552</td><td>-</td></tr><tr><td>4</td><td>Healing touch hospital</td><td>Doctor house,behind plaza hotel, Bharuch</td><td>02642-262500</td><td>-</td></tr><tr><td>5</td><td>Celestial Wellness Solutions Pvt.Ltd</td><td>3rd Floor Nexus Business Hub Above Dhiraj Sones,Maktampur,Bharuch</td><td>9377410261</td><td>Dr.Tanvi Dalal</td></tr><tr><td>6</td><td>Palmland Hospitals</td><td>Falshruti Nagar, Station Road, Bharuch</td><td>9925802555</td><td>Dr.Wasim Raj (9925802555) Suhana</td></tr></table>	External Hospitals Tie UP Contact No.					Sr no.	Name Of Hospital	Address of Hospital	External No.	Contact no.	1	Apex hospital	Adarsh Market, Panchbatti, Bharuch	02642-265800	Dr Asma (9158059220)	2	7X Multispeciality Hospital	4th Floor, 7X Corridor, Soneri Mahal Rd, opp. Motilal Vin Baug, nr. Panchbatti, Bharuch	9824143278	Hardish Patel(7990857930) Nikunj	3	Baroda heart multi speciality hospital	Capital business centre Panchbatti, Bharuch	02642-260551 / 552	-	4	Healing touch hospital	Doctor house,behind plaza hotel, Bharuch	02642-262500	-	5	Celestial Wellness Solutions Pvt.Ltd	3rd Floor Nexus Business Hub Above Dhiraj Sones,Maktampur,Bharuch	9377410261	Dr.Tanvi Dalal	6	Palmland Hospitals	Falshruti Nagar, Station Road, Bharuch	9925802555	Dr.Wasim Raj (9925802555) Suhana
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						Kureshi(9016756439 )
83	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<p><b>Complied</b></p> <p>Unit has maintained around 50 types of Personal Protective Equipment (PPEs) and provided the same to workers. Unit has encouraged and ensured that PPE's are used by workers as per the requirement for a particular job role.</p> <p>PPEs- Helmet, Goggles, Safety Shoes, Full body safety suit, Double anchored safety harness, Cartridge mask, antistatic hand gloves, bubble hood etc.</p>				
84	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p><b>Complied</b></p> <p>10 Numbers of First Aid Box are available and required Antidotes (Methylene Blue, Dipotherene, etc) for the chemicals used in the unit are available in OHC at site.</p> <p>Photo of the first aid box attached as below :</p> <div> </div> <p align="center"><b><u>First Aid Box</u></b></p>				

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85 Training shall be imparted to all the workers on safety and health aspects of chemicals handling.

**Complied**

Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling chemicals is imparted regularly.

Training sheet is attached as below :

Sl. No.	Employee Name	Training Topic	Date	Signature
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*Handwritten signature: Pooja Rajda*

*Handwritten signature: Pooja Rajda*

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86	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act and Rules.	<p><b>Complied</b></p> <p>Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act.</p> <p>Following check up has been carried out in periodical medical checkup.</p> <ul style="list-style-type: none"> <li>- General checkup (height, weight, pulse, BP etc)</li> <li>- Blood test ( RBC, WBS, hemoglobin, platelets, blood group, differential count, G6PD etc)</li> <li>- Urine test (physical, chemical and microbial examination etc)</li> <li>- Vision test</li> <li>- Pulmonary function test</li> <li>- Audiometry</li> <li>- ECG</li> <li>- met Hb for specific workers</li> </ul> <p>Details of health surveillance of the employees and contract workers are given below and attached as <a href="#">Annexure-32</a>.</p>
87	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	<p><b>Complied</b></p> <p>Hazardous chemicals transported as per the Motor Vehicle Act and Rules. Copy of Checklist attached as <a href="#">Annexure-34</a></p>
88	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<p><b>Complied</b></p> <p>The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report</p>
89	Necessary permissions from various statutory authorities like PESO Factory Inspectorate and others shall be obtained prior to commissioning of the project.	<p><b>Complied</b></p> <p>Unit has obtained Factory License No.24007 and it is attached as <a href="#">Annexure-27</a></p>
<b>B.2.5 NOISE:</b>		
90	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures	<p><b>Complied</b></p>



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	including engineering controls like acoustic insulation hoods, silencers, enclosures etc on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 and Rules.	The Unit has taken necessary noise control measures by providing engineering controls like acoustic insulation hood, silencers, enclosures etc on all sources of noise generation. Unit is monitoring noise level month wise in the operation phase.
<b>B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:</b>		
91	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	<b>Complied</b>  Cleaner Production Assessment study has been carried out by an approved institute of Pacific School of Engineering, Surat Approved by AICTE, New Delhi and Affiliated to GTU, Ahmedabad. Certificate for the same is attached as <a href="#">Annexure-31</a>
92	The company shall undertake various waste minimization measures such as	
a.	Metering and control of quantities of active ingredients to minimize waste.	<b>Complied</b>
b	Reuse of by-products from the process as raw materials or as raw materials substitutes.	<b>Complied</b>
c	Use of automated and close filling to minimize spillage.	<b>Complied</b>
d	Use of a close feed system into batch reactors.	<b>Complied</b>
e	Venting equipment through vapor recovery system.	<b>Complied</b>
f	Use of high pressure hoses for cleaning to reduce wastewater generation.	<b>Complied</b>
g	Recycling of washes to subsequent batches.	<b>Complied</b>
h	Recycling of steam condensate.	<b>Complied</b>
i	Sweeping/mopping the floor instead of floor washing to avoid effluent generation.	<b>Complied</b>
j	Regular preventive maintenance for avoiding leakage, spillage etc.	<b>Complied</b>
<b>B.2.7 GREEN BELT AND OTHER PLANTATION:</b>		

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The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC/GPCB and submit an action plan of plantation for next three years to the GPCB.

**Complied**

The unit has developed a greenbelt within the premises as per the guidelines of CPCB.  
Total area of plot :- 50148 m<sup>2</sup>  
Greenbelt within Plant Premises :- 12890 m<sup>2</sup> ,  
Greenbelt at common plot of Dahej SEZ II and opposite to tatva chintan :- 3659 m<sup>2</sup>  
Total Green Belt :- 16549 m<sup>2</sup>

Photos for same are attached as below:



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94	Drip irrigation/low-volume, low-angle sprinkler system shall be used for the green belt development within the premises .	<p><b>Complied</b></p> <p>Unit has provided a low-angle sprinkler system for the green belt development within the premises. Photo of Drip Irrigation system is attached as below:</p> <div></div> <p><b><u>Drip Irrigation system</u></b></p>
95	The PP shall develop green belt [10994 4 m2 (21.92%) inside plant premises 1896 m2 (3 78%) at boundary side and 3659 m2 (7.3%)	<p><b>Complied</b></p>

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	in Common Plot in Dahej SEZ-II Total: 16549 Sq.m) ie 33% of total plot area) as per the undertaking submitted before SEAC Green belt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB.	
<b>B.3 OTHER CONDITION:</b>		
96	The projects covered under category 5(f) shall undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB.	<b>Complied</b>  The projects is covered under category 5(f) undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB
97	PP shall carry out the safety audit and Risk Assessment Report as per the prevailing guidelines of safety.	<b>Noted and Complied</b>
98	Management of Fly Ash shall be as per the Fly Ash Notification 2009 and is amended from time to time and I shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	<b>Complied</b>  Fly Ash notification compliance report is attached as <a href="#">Annexure- 22</a>
99	EMP should invariably include provisions for environmental Monitoring and measures for noise pollution control measures.	<b>Complied</b>
100	In EMP proponents should separately indicate majors of occupational health, fire and safety measures.	<b>Complied</b>
101	Prior EC is granted is subject to the proponent receiving all statutory permission/clearances/certificates and membership of respective agencies/authorities whichever applicable. Proponents shall inform progress from time to time in six monthly compliance reports to MOEFCC/SEIAA/SEAC/GPCB failing to which this provisional EC will stand withdrawn.	<b>Complied</b>
102	Wherever waste water or chemical water to be collected by tankers and transported to CETA etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or	<b>Complied</b>

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	loss will make it liable for action under the law.	
103	All transport movement by tankers etc has to be done with maintenance of gate pass and logbook it should be verified by the inspecting authorities.	<b>Noted</b>
104	Non-hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie-up with industry for generating sustainable power from the waste.	<b>Complied</b>
105	All chemical pharma industries etc. should ensure predictive and preventive maintenance of factory boilers and reactive shows to avoid incidents of fire and safety hazards.	<b>Complied</b> Unit ensures periodic predictive and predictive maintenance of boilers installed at site.  Unit is scheduled in the SAP system for preventive maintenance of critical assets in the plant.
106	EMP should include STP and detail cost including maintenance, transportation of waste water to CETP/CMEE etc. as well as transportation cost or transit cost.	<b>Noted</b>
107	In LDAR preventive and predictive maintenance plan.	<b>Complied</b>  As per CPCB guidelines, Unit has installed Instrumental methods for measurement of VOC detection at various locations to identify leak detection in plant areas to arrest on priority basis. List of located devices attached as <a href="#">Annexure-1</a> .
108	In LDAR leakage component, source of equipment leak, detention method should be given in table form.	<b>Complied</b>  As per CPCB guidelines, Unit has installed Instrumental methods for measurement of VOC detection at various locations to identify leak detection in plant areas to arrest on priority basis. We have different Instruments for the measurement of the VOC detection at the plant of different Places and all detectors are set as per the desired set point all are connected to the Hooter and DCS System.  List of located devices attached as <a href="#">Annexure-1</a> .
109	In storage components should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.	<b>Complied</b>

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110	In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100% utilization should be ensured.	<b>Complied</b>
111	Project proponents shall install all environment management systems as per the CPCB/GPCB directives regarding effluent discharge and air emission in working condition.	<b>Complied</b>
112	Project proponents shall display the copy of Environment Clearance at the site prominently.	<b>Noted</b>
113	Project proponents shall prepare and follow regular and preventive maintenance plans. The copy of the same shall be submitted to SEIAA.	<b>Noted</b>
114	Project Proponent will have to display the safety procedure in the working area.	<b>Complied</b>
115	The project proponent shall obtain all required permissions for safety, health and fire from competent authorities PESO/Fire Authority etc. and intimate SEIAA.	<b>Complied</b> The unit has obtained a certificate issued from PESO, which is attached as <a href="#">Annexure-24</a> , regarding the Nitrogen License valid until September 30, 2027.
116	Project Proponents will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP/TSDf, CHWIF/CMEE/Common Spray Dryer as the case September be.	<b>Complied</b> Unit has valid membership of the TSDf(BEIL), SEPPL and RSPL. Copies of membership certificates are attached as <a href="#">Annexure-19</a>
117	Extra care will be taken by PP to avoid any accidental blast in the boiler, reactor or any machinery in the plant.	<b>Complied</b> Unit will take extra care to avoid any accidental blast in the boiler,reactor or any machinery in the plant.
118	Environment monitoring, training and disaster management plans should be undertaken and compiled at regular intervals.	<b>Complied</b>




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119	Integrated Regional Office of MoEFandCC Gandhinagar and GPCB will monitor all environment safety and health norms as per the prevailing rules.	Noted and Complied.																	
120	The PP has to maintain the log sheets/ registers/ manifest/ gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and is disposal data and submit to the GPCB every quarter GPCB shall verify the same on regular basis and inform SEIAA and take legal action in the cases of non compliance.	Noted and Complied.																	
121	Unit shall comply with all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEFandCC vide no F No 22-34/2018-1A III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no XX).	Complied  The compliance report for same is Attached as <a href="#">Annexure-28</a>																	
122	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance with the MoEFCC's Office Memorandum No No.22-65/2017-1A. Ili dated 01/05/2018 to carry out the activities under CER in affected arcs around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	Complied  Unit has allocated a separate fund for Corporate Environment Responsibility (CER) activities to carry out activities.																	
		<table><tr><th>Name of Associated NGO</th><th>Nature of Work</th><th>Amount (Rs)</th></tr><tr><td>Ramdev Electronics (C/o Jan seva and Charitable Trust)</td><td>Donation of BPL Smart LED 55 inch TV to School</td><td>40,000</td></tr><tr><td>Happy Home</td><td>Distribution of 200 Water Bottle (per pieces price 180)for Lakhigam School</td><td>42,480</td></tr><tr><td>Gram Vikas Trust</td><td>Donation for Aarti Play group school at village Dahej and Mira nagar Ankleshwar</td><td>741,256</td></tr><tr><td>Gram Vikas Trust</td><td>Donation for Vidya Sarthi Project</td><td>250,000</td></tr></table>			Name of Associated NGO	Nature of Work	Amount (Rs)	Ramdev Electronics (C/o Jan seva and Charitable Trust)	Donation of BPL Smart LED 55 inch TV to School	40,000	Happy Home	Distribution of 200 Water Bottle (per pieces price 180)for Lakhigam School	42,480	Gram Vikas Trust	Donation for Aarti Play group school at village Dahej and Mira nagar Ankleshwar	741,256	Gram Vikas Trust	Donation for Vidya Sarthi Project	250,000
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		<b>Total :</b>	<b>1,073,736</b>	
123	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the Ls activities of the project to conserve fresh water as well as to recharge ground water Before recharging the surface run off pre-treatment must be done to remove suspended matter.	<b>Complied</b>		
124	The unit shall join and participate financially and technically for any common environmental facility/infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt./GIDC.	<b>Complied</b>	Unit has a proper rainwater harvesting system nearby the admin and boiler area.	
125	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	<b>Complied</b>	Solar energy has been incorporated for illumination of common areas and lighting which is available on OHC and Admin buildings.	 <p align="center"><b><u>Admin Building Solar Panel</u></b></p>
126	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	<b>Complied</b>		
127	All the commitments/undertakings given to the SEAC during the	<b>Complied</b>		

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	appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	
128	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	<b>Complied</b>  The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
129	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	<b>Complied</b>  In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved
130	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) State Government and any statutory authority.	<b>Complied</b>  Unit has strictly adhered to the commitments/ undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management.
131	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.	<b>Noted</b>
132	Pucca flooring/impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<b>Complied</b>  Pucca flooring/impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
133	Leakages from pipes, sumps shall be minimal and if occurs, shall be arrested promptly.	<b>Complied</b>  Leakages from pipes, sumps are minimal and if occurs, it is arrested promptly.
134	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	<b>Complied</b>  No further expansion or modifications in the plant likely to cause environmental impacts is carried out without obtaining prior Environment Clearance from the concerned authority.

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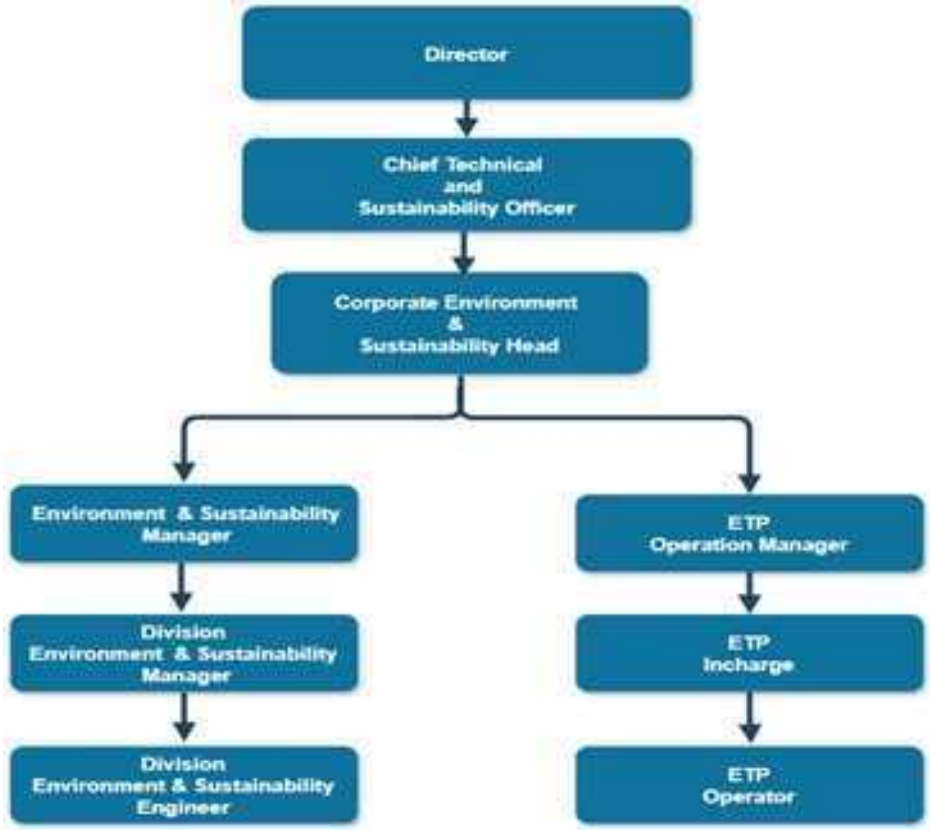
135	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	<b>Complied</b> The above conditions has enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules. PLI policy attached as <a href="#">Annexure-30</a>
136	The project proponent shall comply with all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.	<b>Complied</b>
137	The project management shall ensure that the unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as prepared by project proponents.	<b>Noted and Complied</b>
138	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well GRI along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not for any other purpose.	<b>Complied</b>
139	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA the couples of the clearance letter are available with the GPCB and September also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<b>Noted.</b> Due to oversight, the advertisement of EC was not published within the stipulated time period. We deeply regret not publishing the advertisement of EC within the stipulated time period.

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140	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authorities concerned, on 1st October and 1st December of each calendar year.	<b>Compiled.</b>  The last compliance report was submitted on 21.05.2025 for the period of October-2024 to March-2025 to SPCB and MoEFandCC. A copy of the same is attached herewith as <a href="#">Annexure-29</a> .
141	Concealing factual data or submission of false fabricated data and failure to comply with any of the conditions mentioned above September result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act,1986.	<b>Noted</b>
142	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied</b>  Our unit is adhering to the stipulation made by the Gujarat Pollution Control Board.
143	The SEIAA September revokes or suspends the clearance, if implementation of any of the above conditions is not found satisfactory.	<b>Noted</b>
144	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	<b>Noted</b>
145	The project authorities shall inform the GPCB. Regional Office of McEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<b>Complied</b>
146	This environmental clearance is valid for Ten years from the date of issue.	<b>Noted</b>
147	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act. 2010.	<b>Noted</b>
148	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	<b>Noted</b>


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<b>B.4 COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:</b>		
149	Project proponent shall inform all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement Environment Clearance order accorded minimum two local newspapers within seven days, about the Environmental Clearance order accorded.	<b>Noted</b>
150	The project proponent shall appoint a key person to the organization who shall be responsible for compliance of adhoc conditions fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance Any change in key person shall immediately be informed to SEIAA and all concerned authorities..	<b>Complied</b>  Environment Management Unit/Cell is shown below:  An experienced environmental engineer holding a BE (Environmental Engineering) degree has been deputed to monitor the environmental management systems along with a supporting zonal team of 4 Environmental Engineers and a Manager. A centralized environment cell stationed at the Corporate office headed by a Vice President under a team of Chief Manager, Senior Manager and 4 engineers who drives and monitors environment policy and performance.  Structure of environment management cell is attached below :

		 <pre> graph TD     Director[Director] --&gt; CTSO[Chief Technical and Sustainability Officer]     CTSO --&gt; CESH[Corporate Environment &amp; Sustainability Head]     CESH --&gt; EMSM[Environment &amp; Sustainability Manager]     CESH --&gt; ETPO[ETP Operation Manager]     EMSM --&gt; DESM[Division Environment &amp; Sustainability Manager]     DESM --&gt; DESE[Division Environment &amp; Sustainability Engineer]     ETPO --&gt; ETPI[ETP Incharge]     ETPI --&gt; ETO[ETP Operator]         </pre>	
151	Designated key persons shall submit six monthly compliance reports to SEIAA/SEAC, MOEFandCC GPCB and Nodal Department of the Government.	<p><b>Complied</b></p> <p>The last compliance report was submitted on 21.05.2025 for the period of October-2024 to March-2025 to SPCB and MoEFandCC.</p> <p>A copy of the same is attached herewith as <a href="#">Annexure-29</a>.</p>	

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152	The Nodal Department or any authority or officer authorized by MOEFandCC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.	<b>Noted</b>
153	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as par Environment Protection Act 1986 including SEIAA September cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	<b>Noted</b>
154	Any person including the project proponent affected by this Environment Clearance order September file an appeal to Honorable National Green Tribunal West Zone branch Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribed under section 16 of National Green Tribunal Act 2010.	<b>Noted</b>
155	All complaints and public grievances or representations September be addressed to SEIAA/SEAC in the email addresses (a) mase aagi@gmail comand (b) seacgujarat@gmail.com.	<b>Noted</b>

<div>  <b>T I INDUSTRIES LTD, DAHEJ</b> </div>								
INSTRUMENTATION DEPARTMENT								
LIST OF GAS DETECTORS								
SR NO	TAG	SERIAL NUMBER	TYPE OF INSTRUMENT	LOCATION	MAKE	MODEL	INST RANGE	CALIBRATION RANGE
1	DHJ1-ETD001	02100D3319/01	Ethylene gas detector	Hydrolysis reactor	Tritech	FL-XT	0-100% LEL	0-100% LEL
2	DHJ1-ETD002	02100D3320/01	Ethylene gas detector	Catalyst reactor bottom	Tritech	FL-XT	0-100% LEL	0-100% LEL
3	DHJ1-ETD003	02100D3150/03	Ethylene gas detector	Ethylene gas compressor	Tritech	FL-XT	0-100% LEL	0-100% LEL
4	DHJ1-ETD004	02100D3150/01	Ethylene gas detector	Buss section 2nd floor	Tritech	FL-XT	0-100% LEL	0-100% LEL
5	DHJ1-ETD005	02100N3150/02	Ethylene gas detector	Buss section 1st floor	Tritech	FL-XT	0-100% LEL	0-100% LEL
6	DHJ1-ETD006	02100D4063/01	Ethylene gas detector	Ethylene gas compressor	Tritech	FL-XT	0-100% LEL	0-100% LEL
7	DHJ1-ETD007	02100D4063/02	Ethylene gas detector	Ethylene gas compressor	Tritech	FL-XT	0-100% LEL	0-100% LEL
8	DHJ1-ETD008	02100D5844	Ethylene gas detector	2T-0205 Top Vent	Tritech	FL-XT	0-100% LEL	0-100% LEL
9	DHJ1-ETD009	D6002/01	Ethylene gas detector	Near P-2204 Reaction Pump	Tritech	FL-XT	0-100% LEL	0-100% LEL
10	DHJ1-NGD001	02100D3319/02	Natural gas detector	Boiler thermopack	Tritech	FL-XT	0-100% LEL	0-100% LEL
11	DHJ1-NGD002	02100D3320/03	Natural gas detector	Boiler thermopack	Tritech	FL-XT	0-100% LEL	0-100% LEL
12	DHJ1-NGD003	D3320/02	Natural gas detector	Flare area	Tritech	FL-XT	0-100% LEL	0-100% LEL
13	DHJ1-2GD-0203	48050D6969/01	VOC Meter	VOC Meter 1st Floor MEA	Tritech	2X-TX	0-100% LEL	0-100% LEL
14	DHJ1-2GD-0204	728/C/23	VOC Meter	OT P-1045	Tritech	2X-TX	0-100% LEL	0-100% LEL
15	DHJ1-2GD-0205	31/A/23	VOC Meter	T-1075	Tritech	2X-TX	0-100% LEL	0-100% LEL
16	DHJ1-2GD-0206	710/C/23	VOC Meter	T-1044	Tritech	2X-TX	0-100% LEL	0-100% LEL
17	DHJ1-2GD-0207	714/C/23	VOC Meter	T-1050	Tritech	2X-TX	0-100% LEL	0-100% LEL
18	DHJ1-1GD-0202	48050D6969/02	VOC Meter	VOC Meter Tanker Unloading Area	Tritech	2X-TX	0-100% LEL	0-100% LEL
19	2GD-0202	D6968	Ethylene gas detector	BUSS VENT CONDENSOR	Tritech	FL-Xt	0-100 % LEL	0 TO 100 %
20	Spare	02100D7274/01	Ethylene Gas Detector/TX		Tritech	FL-XT	0-100% LEL	0-100% LEL
21	Spare	02100D7274/02	Ethylene Gas Detector/TX		Tritech	FL-XT	0-100% LEL	0-100% LEL
22	DHJ1-GMS004		Multichannel Gas Monitor	DCS control room	Tritech	TM-800	0-100% LEL	0-100% LEL
23	DHJ1-GMS001	02100D3318	Multichannel Gas Monitor	Boiler control room	Tritech	GAZCHAMP-EX	0-100% LEL	0-100% LEL
24	DHJ1-GMS002	02100D3144	Multichannel Gas Monitor	DCS control room	Tritech	GAZCHAMP-EX	0-100% LEL	0-100% LEL

SR.	GAS TYPE	LEL%	UEL%
1	ETHELENE	2.7	36
2	HYDROGEN	4	75

4550388339  
4550388339

3	NATURAL GAS(METHANE98% + ETHANE2%)	5	17
---	------------------------------------	---	----

Prepared By		Approved By	
Name:		Name:	
Sign:		Sign:	
Date:		Date:	

Cross sensitivity of Methane	1
Cross sensitivity of Ethylene	0.71
Formula	(1/0.71)*50%
Calibrated value	70.40%



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**Period: September - 2025**

**FOR**

**M/s. Aarti Industries Limited.  
(NEO SEZ Unit)**

**At**

**Plot No. Z/103/H, Dahej SEZ Part-II,  
Tal. Vagara, Dist. Bharuch,  
Dahej-392 130, Gujarat, India.**

**Monitoring Organization**



Plot No. 51, Vibrant Business Park,  
NH No. 48, GIDC, Vapi - 386 185,  
Dist. Valsad (Gujarat), India  
Phone : +91 260 2433966 / 2425610  
Email : [response@uenvi.in](mailto:response@uenvi.in) Website : [www.uenvi.in](http://www.uenvi.in)

MoEF&CC Recognized Environmental  
Laboratory under The EPA, 1986  
(02-04-2023 to 28-03-2028)

NABL (ISO/IEC 17025:2017) Accredited  
Testing Laboratory (TC-25346)  
(22-01-2025 to 22-09-2026)

GCL-NABET Accredited EIA & GW  
Consultant Organization

GPCB Recognized  
Environmental Auditor (Sch-II)

ISO 9001 : 2015  
Certified Company

ISO 45001 : 2018 Certified  
OHS Management System

# Ambient Air Quality Monitoring Data

For M/s. AARTI INDUSTRIES LIMITED. (Neo SEZ Unit)

Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.

By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September - 2025

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/25/09/AIL-1/A-001

Report Issue Date: 04/10/2025

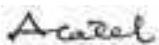
Location : AAQM-1 : Near Main Gate (Lat. N 21.685113, Long. E 72.544891)

Instrument - RDS: (Sr. No. 232-I-2019) & FPS: (Sr. No. 263-I-2019)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>x</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/09/2025	65	20	18.1	24.5
2	04/09/2025	69	22	14.2	17.9
3	10/09/2025	74	25	15.8	22.7
4	11/09/2025	66	21	16.9	20.8
5	17/09/2025	60	22	17.4	21.1
6	18/09/2025	64	20	16.9	20.2
7	24/09/2025	71	24	15.4	19.1
8	25/09/2025	72	23	11.7	20.6
Max.		74	25	18.1	24.5
Min.		60	20	11.7	17.9
98 <sup>th</sup> Percentile		73.7	24.9	18.0	24.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Ankur R. Patel

(Supervisor)

Authorized By:



Jaivik S. Tandel



(Manager - Operations)

**Ambient Air Quality Monitoring Data**  
**For M/s. AARTI INDUSTRIES LIMITED. (Neo SEZ Unit)**  
**Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.**  
**By – UniStar Environment and Research Labs Pvt. Ltd.**

Month : September - 2025

<b>DISCIPLINE: CHEMICAL TESTING</b>		<b>NAME OF GROUP: ATMOSPHERIC POLLUTION</b>			
<b>Test Report No: UERL/25/09/AIL-1/A-002</b>		<b>Report Issue Date: 04/10/2025</b>			
<b>Location : AAQM-2 : Near ETP Plant (Lat. N 21.682164, Long. E 72.550906)</b>		<b>Instrument - RDS (Sr.No. 190303U005) &amp; FPS (Sr.No. 190202U006)</b>			
Sr. No.	Date of Monitoring	Parameter with Results			
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>x</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/09/2025	72	22	16.4	22.6
2	04/09/2025	65	21	12.5	19.4
3	10/09/2025	70	24	18.6	23.4
4	11/09/2025	68	23	15.7	21.2
5	17/09/2025	62	20	16.5	20.3
6	18/09/2025	62	18	14.3	19.7
7	24/09/2025	75	26	16.1	21.3
8	25/09/2025	68	20	13.2	18.1
Max.		75	26	18.6	23.4
Min.		62	18	12.5	18.1
98 <sup>th</sup> Percentile		74.6	25.7	18.3	23.3
Permissible Limit (As Per NAAQMS)		100	60	80	80

**NOTE:**1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

<b>Checked By:</b>  Ankur R. Patel (Supervisor)	<b>Authorized By:</b>  Jaivik S. Tandel (Manager - Operations)
---	--

# Ambient Air Quality Monitoring Data

For M/s. AARTI INDUSTRIES LIMITED. (Neo SEZ Unit)

Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.

By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September - 2025

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/25/09/AIL-1/A-003

Report Issue Date: 04/10/2025

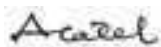
Location : AAQM-3 : Near Plant Office (Lat. N 21.681326, Long. E 72.550520)

Instrument: RDS (Sr.No. 22905-DTG-2018) & FPS (Sr.No. 112-DTG-2012)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	Sox µg/m <sup>3</sup>	NOx µg/m <sup>3</sup>
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/09/2025	63	23	14.7	18.0
2	04/09/2025	58	19	13.6	18.2
3	10/09/2025	65	21	16.4	20.2
4	11/09/2025	62	20	13.5	19.7
5	17/09/2025	58	19	14.5	20.8
6	18/09/2025	65	23	13.6	17.1
7	24/09/2025	78	27	14.8	19.4
8	25/09/2025	60	18	15.1	21.3
Max.		78	27	16.4	21.3
Min.		58	18	13.5	17.1
98 <sup>th</sup> Percentile		76.2	26.4	16.2	21.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Ankur R. Patel

(Supervisor)

Authorized By:



Jaivik S. Tandel

(Manager - Operations)

Annexure-I



ગુજરાત GUJARAT

**NOTARY**

AU 189555

**NOTARY**

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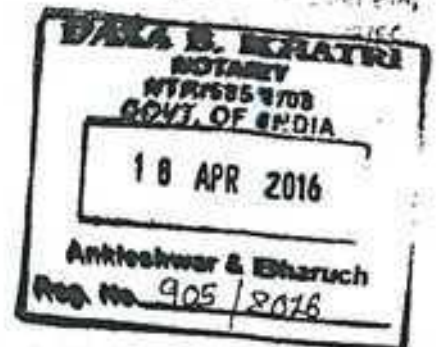
અનુશક્તિ સ્પેશિયલિટીઝ લિમિટેડ

અનુશક્તિ સ્પેશિયલિટીઝ લિમિટેડ

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**UNDERTAKING**

I Mr. Sandip Parekh DGM-Production (Division Head) of M/s. Anushakti Specialties Limited Liability Partnership having their Admin office at 2<sup>nd</sup> floor, Udhyog Kshetra, Mulund Goregaon Link Road, Mulund Mumbai - 400 080. and having Factory at plot no. Z/103/H, Dahej SEZ II, Tal. Vagra, Dist. Bharuch, does hereby declare and state as under:

I undertake that the company has no outlet in GIDC underground Drain.

What is stated herein is true to the best of my knowledge and the same I believe to be true.

For, Anushakti Specialties L.L.P.

Sandip Parekh-DGM -Production  
(Division Head)



**JAXA B. KHATRI**

Notary (Govt. of India)  
Ankleshwar & Bharuch  
Block No. 4 Room No. 39  
Gujarat Housing Board  
East Talab, Ankleshwar



Date : 18/04/2016

The undersigned does not take any  
Responsibility for The Contents  
for Intense or the Result where it  
Produced of the Document  
neponant / Identifier / Witness  
before me Only



# 5.0 SOIL ANALYSIS REPORT



**Period: May - 2025**

**FOR**

**M/s. Aarti Industries Limited. (Unit – 1)**

**(Neo SEZ Unit)**

**At**

**Plot No. Z/103/H, Dahej SEZ Part-II,**

**Tal. Vagara, Dist. Bharuch,**

**Dahej-392 130, Gujarat, India.**

**Monitoring Organization**



White House  
Near G.I.D.C. Office, Char Rasta,  
Vapi - 396 195, Gujarat, India.  
Phone : +91 260 2433966 / 2425610  
Email : response@uerl.in Website : www.uerl.in

GCI-NABET Accredited EIA  
Consultant Organization

GPCB Recognized Environmental  
Auditor (Schedule-11)

ISO 9001 : 2015  
Certified Company

ISO 45001 : 2018  
Certified Company

### TEST REPORT

ULR No.	--	Report No.	URC/25/05/L-1175
Name & Address of Customer	<b>M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO)</b> PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT	Date of Report	06/06/2025
		Customer's Ref.	--
Sample Details	<b>Soil Sample</b>	Location	<b>Nr. Admin Garden Area</b>
Sample Qty.	<b>1 kg.</b>	Appearance	<b>Brown Colour</b>
Sampling Date	<b>29/05/2025</b>	Sample Received Date	<b>30/05/2025</b>
Test Started Date	<b>30/05/2025</b>	Test Completion Date	<b>05/06/2025</b>
Sampled By	<b>Client.</b>	Sampling Method	--
UERL Lab ID. No.	<b>25/05/L-1175</b>		

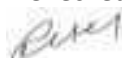
#### TEST RESULTS:

Sr. No.	Parameters	Test Method	Unit Of Measurement	Results
1.	pH	IS: 2720 (Part 26):1987	--	9.44
2.	Moisture Content	Lab SOP No. UERL/CHM/LTM/86	%	20.42
3.	Electrical Conductivity	IS: 14767 :2000	us/cm	86.5
4.	Potassium	Lab SOP No. UERL/CHM/LTM/84	mg/kg	115.9
5.	Sodium	Lab SOP No. UERL/CHM/LTM/85	mg/kg	115.9
6.	Total Kjeldahl Nitrogen as N	IS: 14644 :1999	mg/kg	26.8
7.	Cation Exchange	Lab SOP No. UERL/CHM/LTM/79	meq/100g	52
8.	Water Holding Capacity	Lab SOP No. UERL/CHM/LTM/100	ml/g	Clay Loam
9.	Texture Class	Lab SOP No. UERL/CHM/LTM/108	--	
10.	Available Phosphorus	Lab SOP No. UERL/CHM/SOP/151	mg/kg	7.41
11.	Chloride	Lab SOP No. UERL/CHM/LTM/90	mg/kg	199.8
12.	Sulphate	Lab SOP No. UERL/CHM/SOP/152	mg/kg	26.1
13.	Sodium Absorption Ratio (SAR)	Lab SOP No. ERL/CHM/LTM/85	--	BDL(MDL:1.0)
14.	Available Nitrogen	Lab SOP No. UERL/CHM/LTM/80	mg/kg	88.0

**Note:** BDL= Below Detection Limit, MDL = Minimum Detection Limit.

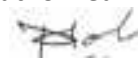
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)

### TEST REPORT

ULR No.	--	Report No.	URC/25/05/L-1175
Name & Address of Customer	<b>M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO)</b> PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT	Date of Report	06/06/2025
Sample Details	<b>Soil Sample</b>	Customer's Ref.	--
Sample Qty.	<b>1 kg.</b>	Location	<b>Nr. Admin Garden Area</b>
Sampling Date	<b>29/05/2025</b>	Appearance	<b>Brown Colour</b>
Test Started Date	<b>30/05/2025</b>	Sample Received Date	<b>30/05/2025</b>
Tested By	<b>Client.</b>	Test Completion Date	<b>05/06/2025</b>
UERL Lab ID. No.	<b>25/05/L-1175</b>	Sampling Method	--

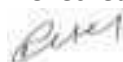
### TEST RESULTS:

Sr. No.	Parameters	Test Method	Unit Of Measurement	Results
1.	Chemical Oxygen Demand (COD)	APHA 23 <sup>rd</sup> Ed., 2017, 5220-B	mg/kg	25294.9
2.	Colour	--	--	Brown
3.	TOC	--	--	--
4.	Pesticides	--	µg/kg	--
5.	Ammonia	Bio-E Meter	mg/kg	--
<b>Particle Size Distribution:</b>				
6.	Sand	Lab SOP No. UERL/CHM/LTM/108	%	15.2
	Silt			42.8
	Clay			71.4

**Note: N.D.:** Not Detectable.

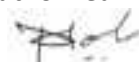
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)



List of minimum equipments for OHC (As per OH Element)						Working Condition	
Sr No	Equipment	Required	Acutual	Gap	Remark	Mar 2024	
1	ECG Machine (3 Channel)	1	1			Working	
2	AED Machine	1	1			Working	98
3	Laryngoscope	2	2			Working	98/98
4	Manikins for training	1	1			Working	
5	Manual BP Instrument	2	2			Working	0/98
6	Sphygmomanometer - LED	2	2			Working	0/98
7	Sphygmomanometer - Digital	2	2			Working	
8	Thermometer (Digital)	4	4			Working	
9	Thermometer - IR	2	2			Working	
10	Pulse Oxymeter	4	8			Working	
11	Stethoscope	2	2			Working	
12	Weight Machine (Digital)	2	2			Working	
13	Hight Meter	2	2			Working	
14	Glucometer	2	2			Working	
15	Glucometer Lancet	100	100			YES	
16	Glucometer Strip	25	25			YES	
17	Nebulizer	2	1	1	not required		
18	Suction Machine	1	1			Working	
19	Suction Catheter	2	2			Working	
20	ECG Trolley/Crash Cart	1	1				
21	Peak Flow Meter	2	2			Working	
22	Ambu Bag	4	4			YES	
23	Autoclave Machine	1	1			Working	
24	Electrical sterilizer	1	1				
25	Nasal Airway	2	2			YES	
26	Laryngeal mask airway	2	2			YES	
27	Endo Tracheal Tube	2	2			YES	
28	Hospital Bed	2	2			YES	
29	IV Stand	2	2			YES	
30	Dressing Trolley	1	1			YES	
31	Slide Board	1	1			YES	

List of minimum equipments for OHC (As per OH Element)						Working Condition	
Sr No	Equipment	Required	Acutual	Gap	Remark	Mar 2024	
32	Spot Lamp	1	1				
33	Wheel Chair	1	1			YES	
34	Portable Oxygen Cylinder	4	15			Working	
35	Oxygen Cylinder mask	5	15			YES	
36	Regulater for oxygen cylinder	4	15			Working	
37	Key for Oxygen Cylinder	2	3			Working	
38	Humidifier Bottle for Oxygen Cylinder	4	15			YES	
39	Oxygen Cylinder Trolley	4	4			YES	
40	Vision Box Remote Operated	1	1			Working	
41	Vision Chart - Near/ Distant/ Color	1	1			Working	
42	Portable Stadiometer	1	1			Working	
43	Ishihara Color Vision Book	1	1			YES	
44	X-Ray View Box	1	2			Working	
45	Foldable STRECHER	2	2			YES	
46	Examination Stool	4	4			YES	
47	Spine Board	1	1			YES	
48	Patient Dress	10	10			YES	
49	Refrigerator	1	1			Working	
50	Water Dispenser	1	1			Working	
51	Needle Cutter - Electric/manual	2	1	1	not required	Working	
52	Examination Torch	2	2			Working	
53	Dressing Tray (15" * 12")	1	1			YES	
54	Dressing Tray (12" * 8")	1	1			YES	
55	Dressing Drum (9" * 9")	2	1	1	not required	YES	
56	Kidney Tray (10")	2	2			YES	
57	Kidney Tray (8")	2	2			YES	
58	Chital Forcep	2	2			YES	
59	Curved Artery Forcep	2	2			YES	
60	Straight Artery Forcep	2	2			YES	
61	Tooth Forcep	2	2			YES	
62	Non Tooth Forcep	2	2			YES	

List of minimum equipments for OHC (As per OH Element)						Working Condition	
Sr No	Equipment	Required	Acutual	Gap	Remark	Mar 2024	
63	Magill Forcep	2	2			YES	
64	Needle Holder	2	2			YES	
65	Scalpel Holder	2	2			YES	
66	Surgical Scissor	2	2			YES	
67	SCISSOR	4	4			YES	
68	Tongue Depressor	2	2			YES	
69	Sponge Holder Forcep	2	2			YES	
70	Suture Removal Scissor	2	2			YES	
71	Urine Pot	2	2			YES	
72	Bed Pan	2	2			YES	
73	Eye Wash Bottle	4	5			YES	
74	Measure Tape	2	2			YES	
75	Splint (SA+ LA+SL+LL)	20	20			YES	
76	Patellar Hammer	2	2			YES	
77	Hard Neck Collar	4	4			YES	
78	ENT Set	1	1			YES	
79	Sutures (Ehilon 2-0)	2	2			YES	
80	Sutures (Ehilon 3-0)	2	2			YES	
81	Foleys Catheter	1	1			YES	
82	Diphoterene Kit	1	1			YES	
83	Electric Kettle	1	NA		Not required	Working	
84	Steel tumblers	4	4			YES	
85	Steel Spoon	4	4			YES	
86	Nasogastric Tube	2	2			YES	
87	Nebulizer Mask	2	2			YES	
88	Examination couch with storage	1	1			YES	
89	Portable/ Fixed Screen	1	1			YES	
90	Double Bed Sheet	10	4			YES	
91	Pillow Cover	10	4			YES	
92	Pillow	4	4			YES	
93	Hand Towel	5	5			YES	

List of minimum equipments for OHC (As per OH Element)						Working Condition	
Sr No	Equipment	Required	Acutual	Gap	Remark	Mar 2024	
94	Nepkin	5	2			YES	
95	Blanket	2	4			YES	
96	Appron	4	4			YES	
97	Formalin Camber	1	1			YES	
98	Bed Side Locker	1	1			YES	



# Safety Report

[Prepared as required by Schedule 8, Rule 10 (1) of MSIHC Rule, 1989 & Schedule 8, Rule 68-J (9)(L) of the Gujarat Factories Rules, 1963]

**M/s. Aarti Industries Ltd. (Neo Division)**

Plot No: Z/103/H, Dahej SEZ-II, Tal Vagra, Dist. Bharuch-392130

**January 2025**

**Office:**

507, Titanium Business  
Hub, beside white temple,  
Althan Bhimrad road, PO:  
Bhimrad, Surat,  
Gujarat - 395 017

M- +91-8980011624  
+91-8155000864

E- Mail :  
[yagnesh@naiknassociates.com](mailto:yagnesh@naiknassociates.com)

web:  
[www.naiknassociates.com](http://www.naiknassociates.com)  
[www.myonlinebbs.com](http://www.myonlinebbs.com)

Global Knowledge- Local Application



## Hydrant System

Detail Hydrant System drawing, pipeline layout, hydrant post location along with isolation valve position displayed in all ECC as well as fire station and plant control rooms

**A. No. of Fire pump, type & capacity, Fire water reservoir**

Pump House	Jockey pump	Electrical Pump	DG Pump	Fire water reservoir
Firefighting pump	40 m³/hr 02 Nos.	273 m³/hr 02 Nos.	410 m³/hr 01 No.	2425 M³
			273 m³/hr 01 No.	
Total	02 Nos	02 Nos	02 Nos	2425 M³

Fire pumps operation/status indication panel provided at on automatic working condition with visual alarm

Single hydrant points	68
Double hydrant points	02
Riser fire escape hydrant points	28
Fixed monitor	15
Hose boxes	99
Hoses pipes: 15 Mtr.	180
Hoses pipes: 7.5 Mtr.	8
short Branch	35 Nos
Branch Pipes (Triple purpose)	63 Nos
Foam making branch pipes	02 Nos
Foam compound	2500 Ltr
Foam making branch (FB-5X)	02 Nos
Jumbo curtain	03 Nos
Dividing breeching	01 Nos
Fog nozzle branch	01 Nos
Revolving branch	02 Nos
Spray nozzle	01 Nos
London pattern hand control branch	1 Nos
Portable water monitor	1 Nos
Piercing nozzle for coal fire	2 Nos

### Fire Tender

Fire tender is available with a water reservoir of 5000 liters and its Pump capacity is 4000 LPM. Water capacity of 2425 KL are available as static form and distributed round the factory with due regard to the potential fire risks in the factory.

Armored suction house of 9 meters length, with wrenches	1 No.
Metal suction strainers	1 No.
Basket strainer	1 No.
Two-way suction collection head	1 No.
Suction adapter	1 No.
Unlined or rubber lined 70mm delivery hose of 25 meters length complete with quick-release couplings	10 Nos.
Dividing breaching-piece	1 No.
Branch-piece with 15 mm nozzles	2 Nos.
Diffuser nozzle	1 No.
Standpipe with blank cap	1 No.
Hydrant key	1 No.
Collapsible canvas buckets	4 Nos.
Fire hook (prevent or) with cutting edge	1 No.
25 mm manila rope of 30 meters length	1 No.
Extension ladder of 9 meters length (where necessary)	1 No.
Heavy Axe	1 No.
Spade	1 No.
Pick Axe	1 No.
Crowbar	1 No.
Saw	1 No.
Hurricane lamp 1 Electric torch	1 No.
Pair of rubber gloves	1 No.
DCP Fire Extinguisher 75 kg	2 Nos.
CO <sub>2</sub> Fire Extinguisher 22.5 kg	1 No.
Hurricane lamp	1 No.
Electric torch	1 No.
Pair rubber gloves	1 No.

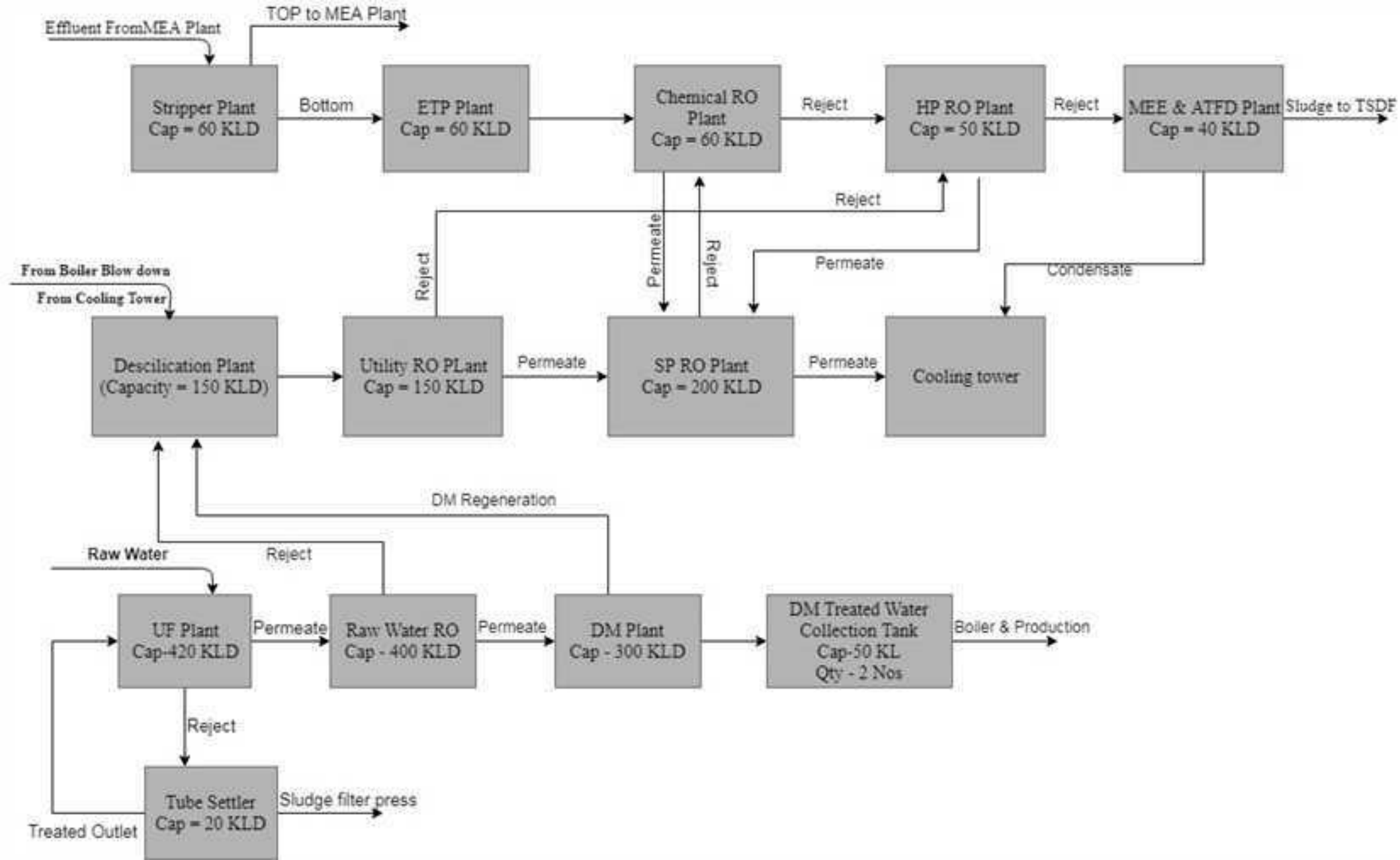


**Gas Detection System:**

Sr. No.	Tag No.	Make	Model	Service	Location	Range
1	DHJ1-ETD001	Tritech	FL-XT	Ethylene gas detector	Hydrolysis reactor	0-100% LEL
2	DHJ1-ETD002	Tritech	FL-XT	Ethylene gas detector	Catalyst reactor bottom	0-100% LEL
3	DHJ1-ETD003	Tritech	FL-XT	Ethylene gas detector	Ethylene gas compressor	0-100% LEL
4	DHJ1-ETD004	Tritech	FL-XT	Ethylene gas detector	Buss section 2nd floor	0-100% LEL
5	DHJ1-ETD005	Tritech	FL-XT	Ethylene gas detector	Buss section 1st floor	0-100% LEL
6	DHJ1-ETD006	Tritech	FL-XT	Ethylene gas detector	Ethylene gas compressor	0-100% LEL
7	DHJ1-ETD007	Tritech	FL-XT	Ethylene gas detector	Ethylene gas compressor	0-100% LEL
8	DHJ1-ETD008	Tritech	FL-XT	Ethylene gas detector	2T-0205 Top Vent	0-100% LEL
9	DHJ1-ETD009	Tritech	FL-XT	Ethylene gas detector	Near P-2204 Reaction Pump	0-100% LEL
10	DHJ1-ETD010	Tritech	FL-XT	Ethylene gas detector	Pig Receiver	0-100% LEL
11	DHJ1-NGD001	Tritech	FL-XT	Natural gas detector	Boiler thermopack	0-100% LEL
12	DHJ1-NGD002	Tritech	FL-XT	Natural gas detector	Boiler thermopack	0-100% LEL
13	DJ1-NGD003	Tritech	FL-XT	Natural gas detector	Flare area	0-100% LEL
14	DHJ1-2GD-0203	Tritech	2X-TX	VOC Meter	VOC Meter 1st Floor MEA	0-100% LEL
15	DHJ1-2GD-0204	Tritech	2X-TX	VOC Meter	OT P-1045	0-100% LEL
16	DHJ1-2GD-0205	Tritech	2X-TX	VOC Meter	T-1075	0-100% LEL
17	DHJ1-2GD-0206	Tritech	2X-TX	VOC Meter	T-1044	0-100% LEL
18	DHJ1-2GD-0207	Tritech	2X-TX	VOC Meter	T-1050	0-100% LEL
19	DHJ1-1GD-0202	Tritech	2X-TX	VOC Meter	VOC Meter Tanker Unloading Area	0-100% LEL
20	2GD-0202	Tritech	FL-Xt	Ethylene gas detector	BUSS VENT CONDENSER	0 TO 100 %
21	Spare	Tritech	FL-XT	Ethylene Gas Detector / TX	SS praetor Spa Spare	0-100% LEL
22	Spare	Tritech	FL-XT	Ethylene Gas Detector / TX	SS paret Store	0-100% LEL
23	DHJ1-GMS004	Tritech	Multichannel Gas Monitor	---	TM-800	0-100% LEL
24	DHJ1-GMS001	Tritech	Multichannel Gas Monitor	---	GAZCHAMP-EX	0-100% LEL
25	DHJ1-GMS002	Tritech	Multichannel Gas Monitor	---	GAZCHAMP-EX	0-100% LEL
26	4AT0101	TRITECH	LUMI-FL	NG	TFH	0-100 %LEL NG
27	4AT0102	TRITECH	LUMI-FL	ETHYLENE	COOLINGTOWER	0-100 %LEL ETHYLENE
28	6AT0101	TRITECH	LUMI-FL	ETHYLENE	MEA Plant -GF	0-100 %LEL ETHYLENE
29	6AT0102	TRITECH	LUMI-FL	NG	FLARE SYSTEM	0-100 %LEL

Sr. No.	Tag No.	Make	Model	Service	Location	Range
						NG
30	6AT0103	TRITECH	LUMI-FL	H2	MEA Plant - 4thF	0-100 %LEL H2
31	6AT0107	TRITECH	LUMI-FL	OT- VAPOUR	MEA Plant -GF	0-100 %LEL COMBUSTIBLE GAS
32	6AT0106	TRITECH	LUMI-FL	ETHYLENE	MEA Plant -SF	0-100 %LEL ETHYLENE
33	6AT0104	TRITECH	LUMI-FL	ETHYLENE	MEA Plant -TF	0-100 %LEL ETHYLENE
34	6AT0105	TRITECH	LUMI-FL	ETHYLENE	MEA Plant -TF	0-100 %LEL ETHYLENE
35	AT-020126	Tritech	Lumi-FL	Propylene Gas Detector	Propylene Bullet Tank Dome -1	0-100% LEL
36	AT-020196	Tritech	Lumi-FL	Propylene Gas Detector	Propylene Bullet Tank Dome -2	0-100% LEL
37	AT-020195	Tritech	Lumi-FL	Propylene Gas Detector	Pump Area	0-100% LEL
38	AT-020127	Tritech	Lumi-FL	Propylene Gas Detector	Compressor Area	0-100% LEL
39	AT-020104	Tritech	Lumi-FL	Propylene Gas Detector	Tanker Unloading Area	0-100% LEL





# 4.0 WATER QUALITY MONITORING REPORT



**Period: September - 2025**

**FOR**

**M/s. Aarti Industries Limited.  
(NEO SEZ Unit)**

**At**

**Plot No. Z/103/H,  
Dahej SEZ-II Tal. Vagara,  
Dahej, Gujarat 392130  
Dist. Bharuch, Gujarat, India.**

**Monitoring Organization**



Plot No. 51, Vibrant Business Park,  
NH No. 48, GIDC, Vapi - 396 195  
Dist-Valsad (Gujarat), India.  
Phone : +91 260 2430800 / 2425810  
Email : response@unistar Website : www.unistar.in

MotF&CC Recognized Environmental  
Laboratory under The EPA, 1986  
(01-04-2025 to 29-03-2028)

NABL (ISO/IEC 17025:2017) Accredited  
Testing Laboratory (TC 153A5)  
(22-01-2025 to 22-09-2026)

QC-NABET Accredited EIA & EM  
Consultant Organisation

SPCB Recognized  
Environmental Auditor (Sch-4)

ISO 9001 : 2015  
Certified Company

ISO 45001 : 2018 Certified  
OHS Management System

### TEST REPORT

ULR No.	----	Report No.	<b>URC/25/09/L-033</b>
Name & Address of Customer	<b>M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO)</b> PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date of Report	<b>09/09/2025</b>
		Customer's Ref.	--
Sample Details	<b>STP Outlet Water Sample</b>	Location	--
Sample Qty.	<b>2 Lit.</b>	Appearance	<b>Colourless</b>
Sampling Date	<b>04/09/2025</b>	Sample Received Date	<b>05/09/2025</b>
Test Started Date	<b>05/09/2025</b>	Test Completion Date	<b>08/09/2025</b>
Sampled By	<b>UERL Lab.</b>	Sampling Method	--
UERL Lab ID. No.	<b>UERL-D/25/09/L-033</b>		

#### TEST RESULTS:

DISCIPLINE: Chemical Testing		NAME OF GROUP: Pollution & Environment			
Sr. No.	Parameters	Test Method Permissible	Permissible Limits (G.P.C.B.)	Unit of Measurement	Results
<b>PHYSIO-CHEMICAL PARAMETERS:</b>					
1.	pH @ 25 ° C	IS 3025(Part 11):2022	<b>6.5 To 9.0</b>	---	7.56
2.	Total Suspended Solids	APHA 24th Ed., 2023,2540 -D	<b>&lt;100</b>	mg/L	15
<b>GENERAL CHEMICAL PARAMETERS:</b>					
3.	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS 3025(Part 44):2023	<b>&lt;30</b>	mg/L	6
<b>Note: BDL = Below Detection Limit, MDL = Minimum Detection Limit.</b>					
<b>Remarks: ---</b>					
<b>Opinion &amp; Interpretation (If required): --</b>					

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

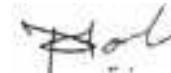
Checked By:



**Nilesh C. Patel**

(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**

(Technical Manager)



### TEST REPORT

ULR No.	----	Report No.	URC/25/09/L-068
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date of Report	15/09/2025
		Customer's Ref.	--
Sample Details	STP Inlet Water Sample	Location	--
Sample Qty.	2 Lit.	Appearance	Turbid Colour
Sampling Date	10/09/2025	Sample Received Date	11/09/2025
Test Started Date	11/09/2025	Test Completion Date	14/09/2025
Sampled By	UERL Lab.	Sampling Method	--
UERL Lab ID. No.	UERL-D/25/09/L-068		

### TEST RESULTS:

DISCIPLINE: Chemical Testing		NAME OF GROUP: Pollution & Environment			
Sr. No.	Parameters	Test Method Permissible	Permissible Limits (G.P.C.B.)	Unit of Measurement	Results
<b>PHYSIO-CHEMICAL PARAMETERS:</b>					
1.	pH @ 25 ° C	IS 3025(Part 11):2022	**	---	7.34
2.	Total Suspended Solids	APHA 24th Ed., 2023,2540 -D	**	mg/L	12.0
<b>GENERAL CHEMICAL PARAMETERS:</b>					
3.	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS 3025(Part 44):2023	**	mg/L	11
<b>Note:</b> BDL = Below Detection Limit, MDL = Minimum Detection Limit.					
<b>Remarks:</b> ---					
<b>Opinion &amp; Interpretation (If required):</b> --					

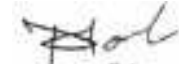
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)

### TEST REPORT

ULR No.	----	Report No.	URC/25/09/L-069
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date of Report	54/09/2025
		Customer's Ref.	--
Sample Details	STP Outlet Water Sample.	Location	--
Sample Qty.	2 Lit.	Appearance	Colourless
Sampling Date	10/09/2025	Sample Received Date	11/09/2025
Test Started Date	11/09/2025	Test Completion Date	14/09/2025
Sampled By	UERL Lab.	Sampling Method	--
UERL Lab ID. No.	UERL-D/25/09/L-069		

### TEST RESULTS:

DISCIPLINE: Chemical Testing		NAME OF GROUP: Pollution & Environment			
Sr. No.	Parameters	Test Method Permissible	Permissible Limits (G.P.C.B.)	Unit of Measurement	Results
<b>PHYSIO-CHEMICAL PARAMETERS:</b>					
1.	pH @ 25 ° C	IS 3025(Part 11):2022	6.5 To 9.0	---	7.43
2.	Total Suspended Solids	APHA 24th Ed., 2023,2540 -D	<100	mg/L	BDL (MDL:4.0)
<b>GENERAL CHEMICAL PARAMETERS:</b>					
3.	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS 3025(Part 44):2023	<30	mg/L	7
<b>Note:</b> BDL = Below Detection Limit, MDL = Minimum Detection Limit.					
<b>Remarks:</b> ---					
<b>Opinion &amp; Interpretation (If required):</b> --					

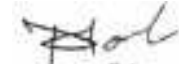
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)



### TEST REPORT

ULR No.	----	Report No.	<b>URC/25/09/L-0144</b>
Name & Address of Customer	<b>M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO)</b> PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date of Report	<b>25/09/2025</b>
		Customer's Ref.	--
Sample Details	<b>STP Outlet Water Sample.</b>	Location	--
Sample Qty.	<b>2 Lit.</b>	Appearance	<b>Colourless</b>
Sampling Date	<b>20/09/2025</b>	Sample Received Date	<b>21/09/2025</b>
Test Started Date	<b>21/09/2025</b>	Test Completion Date	<b>24/09/2025</b>
Sampled By	<b>UERL Lab.</b>	Sampling Method	--
UERL Lab ID. No.	<b>UERL-D/25/09/L-0144</b>		

### TEST RESULTS:

DISCIPLINE: Chemical Testing		NAME OF GROUP: Pollution & Environment			
Sr. No.	Parameters	Test Method Permissible	Permissible Limits (G.P.C.B.)	Unit of Measurement	Results
<b>PHYSIO-CHEMICAL PARAMETERS:</b>					
1.	pH @ 25 °C	IS 3025(Part 11):2022	<b>6.5 To 9.0</b>	---	6.98
2.	Total Suspended Solids	APHA 24th Ed., 2023,2540 -D	<b>&lt;100</b>	mg/L	12
<b>GENERAL CHEMICAL PARAMETERS:</b>					
3.	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS 3025(Part 44):2023	<b>&lt;30</b>	mg/L	BDL(MDL:1.0)
<b>Note: BDL = Below Detection Limit, MDL = Minimum Detection Limit.</b>					
<b>Remarks: ---</b>					
<b>Opinion &amp; Interpretation (If required): --</b>					

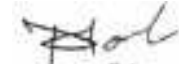
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)

### TEST REPORT

ULR No.	----	Report No.	<b>URC/25/09/L-0161</b>
Name & Address of Customer	<b>M/s. AARTI INDUSTRIES LTD. (UNIT-I NEO)</b> PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date of Report	<b>30/09/2025</b>
		Customer's Ref.	--
Sample Details	<b>STP Outlet Water Sample.</b>	Location	--
Sample Qty.	<b>2 Lit.</b>	Appearance	<b>Colourless</b>
Sampling Date	<b>24/09/2025</b>	Sample Received Date	<b>25/09/2025</b>
Test Started Date	<b>25/09/2025</b>	Test Completion Date	<b>29/09/2025</b>
Sampled By	<b>UERL Lab.</b>	Sampling Method	--
UERL Lab ID. No.	<b>UERL-D/25/09/L-0161</b>		

### TEST RESULTS:

DISCIPLINE: Chemical Testing		NAME OF GROUP: Pollution & Environment			
Sr. No.	Parameters	Test Method Permissible	Permissible Limits (G.P.C.B.)	Unit of Measurement	Results
<b>PHYSIO-CHEMICAL PARAMETERS:</b>					
1.	pH @ 25 °C	IS 3025(Part 11):2022	<b>6.5 To 9.0</b>	---	7.22
2.	Total Suspended Solids	APHA 24th Ed., 2023,2540 -D	<b>&lt;100</b>	mg/L	BDL(MDL:4.0)
<b>GENERAL CHEMICAL PARAMETERS:</b>					
3.	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS 3025(Part 44):2023	<b>&lt;30</b>	mg/L	BDL(MDL:1.0)
<b>Note: BDL = Below Detection Limit, MDL = Minimum Detection Limit.</b>					
<b>Remarks: ---</b>					
<b>Opinion &amp; Interpretation (If required): --</b>					

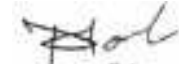
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Nilesh C. Patel**  
(Sr. Chemist)

Authorized By:



**Nitin B. Tandel**  
(Technical Manager)

### TEST REPORT (Microbiology)

ULR No.	: --	Report No.	: URB/25/09/L-033
Name & Address of Customer	M/s. AARTI INDUSTRIES LIMITED. (NEO SEZ UNIT) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date Of Report	: 09/09/2025
		Customer's Ref.	: --
Sample Details	: STP Outlet Water Sample	Location	: --
Sample Qty.	: 500ml	Appearance	: Colourless
Sampling Date	: 04/09/2025	Sample Receipt Date	: 05/09/2025
Test Start Date	: 05/09/2025	Test Completion Date	: 08/09/2025
Sampled By	: UERL-Lab.	Sampling Method	: --
UERL Lab ID. No.	: UERL-D/25/09/L-088		

#### TEST RESULTS:

DISCIPLINE: Biological Testing			GROUP: Pollution and Environment	
Sr. No.	Test Parameter	Test Method	Unit of Measurement	Results
1	Fecal Coliform	IS 1622:1981	MPN Index/100ml	20

Remarks: --

Opinions and Interpretations: (if required)

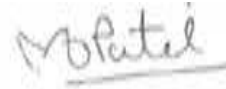
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By



Ayushi Rathod  
(Microbiologist)

Authorized By



Meera D. Patel  
(Sr. Microbiologist)

### TEST REPORT (Microbiology)

ULR No.	: --	Report No.	: URB/25/09/L-068
Name & Address of Customer	: M/s. AARTI INDUSTRIES LIMITED. (NEO SEZ UNIT) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date Of Report	: 17/09/2025
		Customer's Ref.	: --
Sample Details	: STP Inlet Water Sample	Location	: --
Sample Qty.	: 500ml	Appearance	: Colourless
Sampling Date	: 10/09/2025	Sample Receipt Date	: 11/09/2025
Test Start Date	: 11/09/2025	Test Completion Date	: 16/09/2025
Sampled By	: UERL-Lab.	Sampling Method	: --
UERL Lab ID. No.	: UERL-D/25/09/L-068		

#### TEST RESULTS:

DISCIPLINE : Biological Testing			GROUP: Pollution and Environment	
Sr. No.	Test Parameter	Test Method	Unit of Measurement	Results
1	Fecal Coliform	IS 1622:1981	MPN Index/100ml	80

Remarks: --

Opinions and Interpretations: (if required)

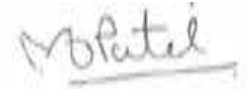
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Checked By



Ayushi Rathod  
(Microbiologist)

Authorized By



Meera D. Patel  
(Sr. Microbiologist)



### TEST REPORT (Microbiology)

ULR No.	: --	Report No.	: URB/25/09/L-069
Name & Address of Customer	: M/s. AARTI INDUSTRIES LIMITED. (UNIT-1 NEO PLANT) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date Of Report	: 16/09/2025
		Customer's Ref.	: --
Sample Details	: STP Outlet Water Sample	Location	: --
Sample Qty.	: 500ml	Appearance	: Colourless
Sampling Date	: 10/09/2025	Sample Receipt Date	: 11/09/2025
Test Start Date	: 11/09/2025	Test Completion Date	: 16/09/2025
Sampled By	: UERL-Lab.	Sampling Method	: --
UERL Lab ID. No.	: UERL-D/25/09/L-069		

#### TEST RESULTS:

DISCIPLINE: Biological Testing			GROUP: Pollution and Environment	
Sr. No.	Test Parameter	Test Method	Unit of Measurement	Results
1	Fecal Coliform	IS 1622:1981	MPN Index/100ml	25

Remarks: --

Opinions and Interpretations: (if required)

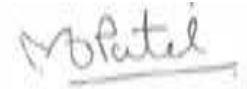
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By



Ayushi Rathod  
(Microbiologist)

Authorized By



Meera D. Patel  
(Sr. Microbiologist)

### TEST REPORT (Microbiology)

ULR No.	: --	Report No.	: URB/25/09/L-0144
Name & Address of Customer	: M/s. AARTI INDUSTRIES LIMITED. (UNIT-1 NEO PLANT) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date Of Report	: 27/09/2025
		Customer's Ref.	: --
Sample Details	: STP Outlet Water Sample	Location	: --
Sample Qty.	: 500ml	Appearance	: Colourless
Sampling Date	: 20/09/2025	Sample Receipt Date	: 21/09/2025
Test Start Date	: 21/09/2025	Test Completion Date	: 25/09/2025
Sampled By	: UERL-Lab.	Sampling Method	: --
UERL Lab ID. No.	: UERL-D/25/09/L-0144		

#### TEST RESULTS:

DISCIPLINE: Biological Testing			GROUP: Pollution and Environment	
Sr. No.	Test Parameter	Test Method	Unit of Measurement	Results
1	Fecal Coliform	IS 1622:1981	MPN Index/100ml	<2

Remarks: --

Opinions and Interpretations: (if required)

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

Checked By



Ayushi Rathod  
(Microbiologist)

Authorized By



Meera D. Patel  
(Sr. Microbiologist)

### TEST REPORT (Microbiology)

ULR No.	: --	Report No.	: URB/25/09/L-069
Name & Address of Customer	: M/s. AARTI INDUSTRIES LIMITED. (UNIT-1 NEO PLANT) PLOT NO. Z-103/H, SEZ PART-II, DAHEJ-392130, BHARUCH, GUJARAT.	Date Of Report	: 30/09/2025
		Customer's Ref.	: --
Sample Details	: STP Outlet Water Sample	Location	: --
Sample Qty.	: 500ml	Appearance	: Colourless
Sampling Date	: 24/09/2025	Sample Receipt Date	: 25/09/2025
Test Start Date	: 25/09/2025	Test Completion Date	: 29/09/2025
Sampled By	: UERL-Lab.	Sampling Method	: --
UERL Lab ID. No.	: UERL-D/25/09/L-069		

#### TEST RESULTS:

DISCIPLINE: Biological Testing			GROUP: Pollution and Environment	
Sr. No.	Test Parameter	Test Method	Unit of Measurement	Results
1	Fecal Coliform	IS 1622:1981	MPN Index/100ml	<2

Remarks: --

Opinions and Interpretations: (if required)

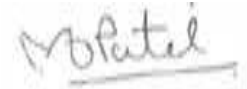
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By



Ayushi Rathod  
(Microbiologist)

Authorized By



Meera D. Patel  
(Sr. Microbiologist)

# 2.0 STACK MONITORING REPORT



**Period: September - 2025**

**FOR**

**M/s. Aarti Industries Limited.  
(NEO SEZ Unit)**

**At**

**Plot No. Z/103/H, Dahej SEZ Part-II,  
Tal. Vagara, Dist. Bharuch,  
Dahej-392 130, Gujarat, India**

**Monitoring Organization**



Plot No. 51, Vibrant Business Park,  
NH No. 48, GIDC, Vapi - 396 195,  
Dist-Valsad (Gujarat), India  
Phone : +91 260 2433885 / 2425610  
Email : response@unistar.in Website : www.unistar.in

MoEF&CC Recog. Environmental  
Laboratory under The EPA, 1986  
(07.04.2025 to 29.03.2028)

NABL (ISO/IEC 17025:2017) Accredited  
Testing Laboratory (TC-35343)  
(22.03.2015 to 22.09.2026)

ISO-NABL Accredited EIA & O&M  
Consultant Organization

GPCB Recognized  
Environmental Auditor (Sch-II)

ISO 9001 : 2015  
Certified Company

ISO 45001 : 2018 Certified  
OHS Management System



## TEST REPORT STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-006	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-006	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/006	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/006
Name & Address of Industries	<b>M/s. AARTI INDUSTRIES LTD. (Unit – 1)</b> Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	<b>Boiler-2 (67 TPH)</b>		
Air Pollution Control Device	ESP + Lime Dosing with Coal.		
Fuel Used	<b>Coal</b>		

### ➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026

### ➤ General Stack Monitoring Observation

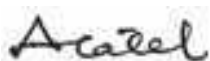
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	76
2.	Stack Dia	Mm	3600
3.	Stack Area	m <sup>2</sup>	10.1736
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	132
6.	Exit Gas Velocity	m/s	2.4
7.	Exit Gas Flow	m <sup>3</sup> /h	63638.9

### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm <sup>3</sup>	28	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	62	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.8	**	GC Method

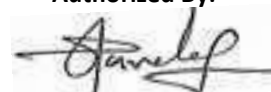
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Ankur R. Patel**  
(Supervisor)

Authorized By:



**Jaivik S. Tandel**  
(Manager - Operations)

## TEST REPORT

### STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-001	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-001	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/001
Name & Address of Industries	<b>M/s. AARTI INDUSTRIES LTD. (Unit – 1)</b> Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	<b>Boiler-1 (14 TPH) &amp; Thermic Fluid Heater (6 Lac Kcal/Hr) (Common Chimney)</b>		
Air Pollution Control Device	<b>ESP + Lime Dosing with Coal</b>		
Fuel Used	<b>Coal</b>		

#### ➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026

#### ➤ General Stack Monitoring Observation

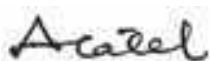
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	42
2.	Stack Dia	mm	1200
3.	Stack Area	m <sup>2</sup>	1.1314
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	8.5
7.	Exit Gas Flow	m <sup>3</sup> /h	25189.6

#### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm <sup>3</sup>	44	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	33	50	IS 11255(Part 7)
4.	VOCs	ppm	3.4	**	GC Method

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

Checked By:



**Ankur R. Patel**  
(Supervisor)

Authorized By:



**Jaivik S. Tandel**  
(Manager - Operations)

## TEST REPORT

### STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-002	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-002	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/002
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	D.G. Set - 1 (1000 KVA)		
Fuel Used	Diesel		

#### ➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026

#### ➤ General Stack Monitoring Observation

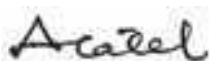
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	11.5
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1546.4

#### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm <sup>3</sup>	70	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	19	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	3.2	**	GC Method

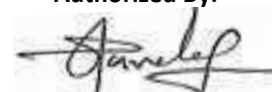
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



Ankur R. Patel  
(Supervisor)

Authorized By:



Jaivik S. Tandel  
(Manager - Operations)

## TEST REPORT

### STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-003	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-003	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/003
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	D.G. Set – 2 (1000 KVA)		
Fuel Used	Diesel		

#### ➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026

#### ➤ General Stack Monitoring Observation

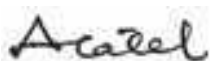
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1525.2

#### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm <sup>3</sup>	73	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	3.5	**	GC Method

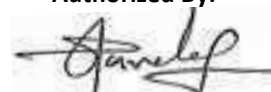
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



Ankur R. Patel  
(Supervisor)

Authorized By:



Jaivik S. Tandel  
(Manager - Operations)



## TEST REPORT

### STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-004	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-004	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/004	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/004
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	D.G. Set – 3 (1500 KVA)		
Fuel Used	Diesel		

#### ➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026

#### ➤ General Stack Monitoring Observation

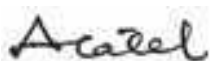
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	11.3
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1531.0

#### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm <sup>3</sup>	69	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	18	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	3.5	**	GC Method

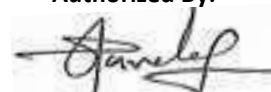
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



Ankur R. Patel  
(Supervisor)

Authorized By:



Jaivik S. Tandel  
(Manager - Operations)

## TEST REPORT

### STACK MONITORING

Test Report No.	UERL/25/09/AIL-1/S-005	Report Issue Date	04/10/2025
Service Request form No.	UERL/AIR/D/SRF/09/S-005	Service Request Date	10/09/2025
Sample ID No.	UERL/AIR/D/ID/S-25/09/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/09/005
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	10/09/2025	Date of Testing	11/09/2025
Stack Sampling Attached to	Scrubber Attached to Hydrolysis Process		
Fuel Used	--		
Air Pollution Control Device	Caustic Scrubber		

#### ➤ Details of Instrument Used for Monitoring

Instrument Id No	UERL-D/AIR/HDS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	01/02/2025	Next Calibration Due On	31/01/2026

#### ➤ General Stack Monitoring Observation

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	30
3.	Flue Gas Temperature	°C	65

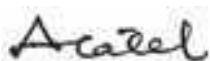
#### ➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid as HCl	mg/Nm <sup>3</sup>	BDL (MDL:1.0)	20	Argentometric Method
2.	VOCS	PPM	2.1	**	GC Method

**Note:** BDL: Below Detection Limit.

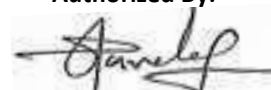
\*\*\*\*\* End of Report \*\*\*\*\*

Checked By:



**Ankur R. Patel**  
(Supervisor)

Authorized By:



**Jaivik S. Tandel**  
(Manager - Operations)



# DAHEJ SEZ LIMITED

(A Joint Venture of GIDC & ONGC)

Office of Dahej SEZ Limited, Dahej SEZ Part-1,

At & Post - Dahej, Ta - Vagra, Dist - Bharuch (Gujarat)

Tele Number : 02641 - 256462, TeleFax No. : 02641 - 256466

Website : www.dahejsez.com, CIN - U45209GJ2004PLC044779

No.: DSL/DHJ/Aarti Ind. Ltd./2020/0321

Date: 25<sup>th</sup> Sep, 2020

To,

✓ Aarti Industries Ltd.

Plot No. Z/103/H,

Dahej SEZ Part-2.

Sub: Approval for development of green belt opposite to M/s. Tatva Chintan Pharmachem Pvt. Ltd. at Dahej SEZ Part - 2

Ref.: Your e-mail dated 25.09.2020

Dear Sir,

With reference to above & your e-mail dated 21.05.2020 regarding above subject matter, please refer our approval on e-mail dated 22.05.2020. It is requested to start the development of green belt in consultation with our Horticulture Supervisor, Mr. Ankit - Mo.: 9925898471 & Site Engineer, Mr. A. B. Padhiyar - Mo.: 9879550485.

DSL will provide all support to M/s. Aarti Ind. Ltd. for development of green belt in Dahej SEZ Area.

Thanking you,

Yours faithfully,

Manager (Infra.)  
Dahej SEZ Limited.

Copy to:

1. Horticulture Supervisor, DSL, Dahej
2. Site Engineer, DSL, Dahej

SEZ PART - II



LEGEND

	SEZ BOUNDARY
	ROAD
	PLOT BOUNDARY
	UTILITY CORRIDOR
	BIDC ROAD (NOT FOR BID)
	NON PROCESSING AREA
	PLOT NUMBER
	CAD LAYOUT
	CAD LAYOUT

NOTE:

- ALL DIMENSIONS ARE IN METERS
- ANY DISCREPANCY IN THE LONG OR PLAT MUST BE SETTLED TO C.E.D.
- NO PART OF THIS PLAN SHOULD BE CHANGED WITHOUT CONSENT OF THE C.E.D.
- THE ROAD WIDTH REFER TO THE ROAD WIDTH OF BIDC
- THE ROAD WILL BE COMPLETED BY S.S. PAVEMENT ON AUTOCLAVE BLOC DE TERRASSE
- THE DEVELOPMENT PLAN WAS DESIGNED IN BIDC DE BASTION
- DEVELOPMENT PLAN OF BLOC DE BASTION IS APPROVED BY S.S.



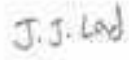
**FORM NO. 37**

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

**Test Report No. UERL/25/09/WAM-AIL-U1-001**

- 1. Name of Industries:** M/s. Aarti Industries Ltd. (Dahej SEZ Unit Neo)  
Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagra, Dist. Bharuch, Dahej - 392 130, Gujarat.
- 2. Name of the Department / Plant:** - Coal Storage
- 3. Raw materials, by-products and finished products involved in the process:** - Raw Material & Product- Coal.
- 4. Particulars of sampling:** - Work Place Monitoring.
- 5. Date of Monitoring:** - 10/09/2025

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near Coal Yard Area	Total Dust	Handy Sampler	01	2.15	2.15	<b>10 mg/m<sup>3</sup></b>	NIOSH0600	05	All Process Activities are Running.		JITEN LAD

**Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.****Authorized By:****Jaivik S. Tandel**

(Manager - Operations)

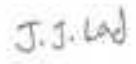
**FORM NO. 37**

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

**Test Report No. UERL/25/09/WAM-AIL-U1-002**

- 1. Name of Industries:** M/s. Aarti Industries Ltd. (Dahej SEZ Unit Neo)  
Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 2. Name of the Department / Plant:** - MEE Plant
- 3. Raw materials, by-products and finished products involved in the process:** - **Raw Material:**1) Untreated Effluent Water, **2) Product-** Condensate Water.
- 4. Particulars of sampling:** - Work Place Monitoring.
- 5. Date of Monitoring:** 10/09/2025

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	MEE Plant (Ground Floor)	TVOC'S (ppm)	Handy Sampler	01	BDL	BDL	**	GC Method	05	All Process Activities are running.		JITEN LAD
2	MEE Plant (1st Floor)			01	BDL	BDL	**					
3	MEE Plant (2nd Floor)			01	BDL	BDL	**					

**NOTE:** (1) \*\* Limit has not been defined as per factory act. (2) **BDL**- Below Detection Limit.**Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.****Authorized By:**

Jaivik S. Tandel

(Manager - Operations)

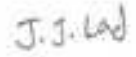
**FORM NO. 37**

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

**Test Report No. UERL/25/09/WAM-AIL-U1-003**

- 1. Name of Industries:** M/s. Aarti Industries Ltd. (Dahej SEZ Unit Neo)  
Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 2. Name of the Department / Plant:** - MEA Plant
- 3. Raw materials, by-products and finished products involved in the process:** - **Raw Material:1)** --, **2) Product-** Ethylation & Propylation Product.
- 4. Particulars of sampling:** - Work Place Monitoring.
- 5. Date of Monitoring:** - 10/09/2025

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	MEA Plant (Ground Floor)	TVOC'S (ppm)	Handy Sampler	01	BDL	BDL	**	GC Method	05	All Process Activities are running.		JITEN LAD
2	MEA Plant (1st Floor)			01	BDL	BDL	**					
3	MEA Plant (2nd Floor)			01	BDL	BDL	**					
4	MEA Plant (Top Floor)			01	BDL	BDL	**					

**NOTE:** (1) \*\* Limit has not been defined as per factory act. (2) **BDL-** Below Detection Limit.**Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.****Authorized By:**
  
 Jaivik S. Tandel

(Manager - Operations)



**AARTI  
DUSTRIES**

OK

Ref: AIL/DHJ/NEO/ENV/2025-26/01

Date: 12.05.2025

XGN ID: 41201

To,  
The Member Secretary  
Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector - 10 / A  
Gandhinagar - 382 043

**Subject : Submission of Annual Return Form-3 & Form-4 under Hazardous Waste Rule, 2016  
for April-2024 to March-2025.**

**Reference : The Hazardous And other Wastes (Management & Transboundary Movement)  
Rules 2016 & amended thereafter.**

Respected Sir,

With reference to the above mentioned subject, please find herewith the Annual Return (form IV) for the period April-2024 to March-2025 in Form-3 and Form-4 for Aarti Industries Limited (Unit-1) located at Z/103/H, Tal. Vagra, Dahej SEZ - II, Dist. Bharuch - 392130.

We hope that the above is in order.

Thanking you.

Yours faithfully

For, Aarti Industries Limited (Unit-1)

  
Authorized Signatory

Encl : as above

CC: 1. The Regional Officer

C-1/119/3, GIDC Phase II, Narmadanagar, Bharuch - 392015

2. The Unit Head- Hazardous Waste Cell, Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector - 10 / A, Gandhinagar - 382 043



  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

[www.aarti-industries.com](http://www.aarti-industries.com) | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi-396195, Dist - Valsad, INDIA. T : 0260-2400366

Factory : Plot No. Z/103/H, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130, INDIA.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : [info@aarti-industries.com](mailto:info@aarti-industries.com)



**FORM - 3**

*[See rules 6(5), 13(7), 14(6), 16(5) and 20 (1)]*

**FORMAT FOR MAINTAINING RECORDS OF HAZARDOUS AND OTHER WASTE BY THE OCCUPIER OR OPERATOR OF A FACILITY**

1. Name and address of the facility : **Aarti Industries Limited**  
Plot No. Z/103/H Dahej, SEZ-II  
Tal. Vagra, Bharuch-392130
2. Authorization No & Issue Date : **CCA - AWH - 80396 outward dated 18/07/2016.**  
**CCA - AWH- 108738 outward dated 19.10.2020 valid up to 19/05/2021**  
**CCA-AWH- 112729 outward dated 16.06.2021 valid up to 19/05/2028**  
**CCA - AWH - 116900 outward dated 04/07/2022 valid up to 19/05/2028**  
**CCA - AWH - 131146 outward dated 02/03/2024 valid up to 19/05/2028**
3. Description of Hazardous Waste handled (From 1st April 2024 to 31st March 2025)
4. Date wise description of management of hazardous and other wastes including products sent and to whom in case of recyclers or preprocessor or utiliser.

Type of Waste	Category No.	Generation Quantity (MT)	Disposal Quantity (MT)	Quantity in storage at year end 31/03/2025	Method of Storage	Destined to	Description of Management of Hazardous Waste
ETP Sludge + MEE Salt	35.3	632.9	628.33	6.91	Impervious Storage & under shed	Co-processing / Incineration / Landfill	
Used Oil / Spent Oil	5.1			0.6	Drums, Impervious Storage & under shed	Recycling	April 2024 to March 2025
		13	13.9	0.25	Jumbo Bags, Impervious Storage & under shed	Recycling	Please Refer Annexure-1 for Month wise disposal and Management
	26.1	201	152.85	50.32	Drums, Impervious Storage & under shed	Co-processing	
				0	Liner Bags, Impervious Storage & under shed	Recycling	
Aluminum Hydroxide	26.1	6312.46	6299.48	57.02	Dedicated Storage	Recycling/ Co-processing	



Al(OH) <sub>3</sub>					Tanks	to end-user (Rule-9)
Non Recycle Plastic waste, PPE's & insulation waste / Cotton waste	33.1	28.32	28.45	0.67	Impervious Storage & under shed	Recycling / Incineration / Landfill
Spent Carbon	26.1	0	0	0	Impervious Storage & under shed	Co-processing
Off Specification Product	26.1	0	0	0	Impervious Storage & under shed	Co-processing / Incineration
Spent Resin	35.2	0	0	0	Drums, Impervious Storage & under shed	Co-processing / Incineration / Landfill
Battery Waste	IV-17	0.89	1.11	0.43	Impervious Storage & under shed	Disposal By Selling to Authorized Recycler
E-Waste	IV-18	0.6	0.74	0.37	Impervious Storage & under shed	Disposal By Selling to Authorized Recycler

**\*Note :** The unit has applied for a CCA amendment via application number 323332, dated February 3, 2025, to increase the production capacity of Ethylation propylation products from 1500 MT/Month to 4050 MT/Month for the second phase of expansion.

5. Date of environmental monitoring (as per authorisation or guidelines of Central Pollution Control Board):

Ambient Air Monitoring : Weekly twice  
VOC Monitoring : Monthly  
Stack Analysis : Monthly  
Ground Water Analysis : NA  
Soil Analysis : Quarterly  
Effluent : Regular monitoring (ZLD Unit)  
Workplace Monitoring : Monthly (Form 37)  
Noise Monitoring : Monthly

Place

Date : 12/05/2025

*R. S. Pareek*  
Signature of occupier





**FORM 4**

[See rules 6(5), 13(8), 16(6) and 20 (2)]

**FORM FOR FILING ANNUAL RETURNS**

[To be submitted to State Pollution Control Board by 30 th day of June of every year for the preceding period April 2024 to March 2025]

1. Name and address of the facility: **Aarti Industries Limited**  
**Plot No. Z/103/H Dahej, SEZ-II**  
**Tal. Vagra, Bharuch-392130**
2. Authorization No & Issue Date : **CCA - AWH - 80396 outward dated 18/07/2016.**  
**CCA - AWH- 108738 outward dated 19.10.2020 valid up to 19/05/2021**  
**CCA-AWH- 112729 outward dated 16.06.2021 valid up to 19/05/2028**  
**CCA- AWH - 116900 outward dated 04/07/2022 valid up to 19/05/2028**  
**CCA - AWH - 131146 outward dated 02/03/2024 valid up to 19/05/2028**

3. Name of the authorized person and full address with telephone, fax number and e-mail:

Authorized Person Details are as follows:

Name : **Mr. Rikesh Patel**  
Address: **Aarti Industries Limited**  
**Plot No. Z/103/H Dahej, SEZ-II**  
**Tal. Vagra, Bharuch-392130**  
E-mail : **env-neo@aarti-industries.com**

4. Production during the year (product wise), wherever applicable -  
*Product wise Production is as follows for period April 2023 to March 2024 :-*

2-Methyl, 6-Ethyl Aniline (MEA)	: 13762.48 MT
2, 6 - Diethyl Aniline	: 375.5 MT
4 Methyl 2,6 Diethyl Aniline	: 399 MT

(Month-wise details Attached in Annexure-I)

**Part A. To be filled by hazardous waste generators**

- |  |                        |
|--|------------------------|
| 1. Total quantity of waste generated category wise : | Details in Table Below |
| 2. Quantity dispatched                               | Details in Table Below |
| 3. Quantity utilized in-house, if any                | Details in Table Below |
| 4. Quantity in storage at the end of the year        | Details in Table Below |





Sr. No.	Waste Type	Category	Waste Generation Quantity	Dispatched Quantity MT	Quantity in storage at year end 31/03/2025	Destined to Recycling/ Co-processing/ pre-processing/ Incineration/ Landfill
1.	ETP Sludge + MEE Salt	35.3	632.9	628.33	6.91	Co-processing / Incineration / Landfill
2.	Used Oil / Spent Oil	5.1	3.98	4.45	0.6	Recycling
3.	Discarded container (Drums/Carboys /Bottle/Bags)	33.1	13	13.9	0.25	
4.	Process Waste (Residue)	26.1	201	152.85	50.32	Co-processing
5.	Spent Catalyst	26.5	0	0	0	Recycling
6.	Aluminum Hydroxide Al(OH) <sub>3</sub>	26.1	6312.46	6299.48	57.02	Recycling/ Co-processing to end-user (Rule-9)
7	Non Recycle Plastic waste, PPE's & insulation waste / Cotton waste	33.1	28.32	28.45	0.670	Recycling / Incineration / Landfill
8.	Spent Carbon	26.1	0	0	0	Co-processing
9	Off Specification Product	26.1	0	0	0	Co-processing / Incineration
10	Spent Resin	35.2	0	0	0	Co-processing / Incineration / Landfill
11	Battery Waste	IV-17	0.89	1.11	0.43	Disposal By Selling to Authorized Recycler



12	E-Waste	IV-18	0.6	0.74	0.37	Disposal By Selling to Authorized Recycler
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**\*Note :** The unit has applied for a CCA amendment via application number 323332, dated February 3, 2025, to increase the production capacity of Ethylation propylation products from 1500 MT/Month to 4050 MT/Month for the second phase of expansion.

**Part B. To be filled by Treatment, storage and disposal facility operators**

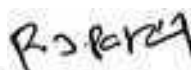
1. Total quantity received - **N.A.**
2. Quantity in stock at the beginning of the year - **N.A.**
3. Quantity treated - **N.A.**
4. Quantity disposed in landfills as such and after treatment - **N.A.**
5. Quantity incinerated (if applicable) - **N.A.**
6. Quantity processed other than specified above - **N.A.**
7. Quantity in storage at the end of the year - **N.A.**

**Part C. To be filled by recyclers or co-processors or other users**

1. Quantity of waste received during the year- **N.A.**
  - a. domestic sources
  - b. imported (if applicable)
2. Quantity in stock at the beginning of the year - **N.A.**
3. Quantity recycled or co-processed or used - **N.A.**
4. Quantity of products dispatched (wherever applicable) - **N.A.**
5. Quantity of waste generated - **N.A.**
6. Quantity of waste disposed - **N.A.**
7. Quantity re-exported (wherever applicable) - **N.A.**
8. Quantity in storage at the end of the year - **N.A.**

**Date:** 12.05.2025

**Place:** Dahej

  
Signature of the Occupier or  
Operator of the disposal facility



## Annexure - I : Monthly Details

### Production Details - IN MT

Month	Apr'24	May'24	Jun'24	Jul'24	Aug'24	Sep'24	Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25	Total
ME	845	1270	501	529	1350	1370	1299	1293	1131	699	1980.48	1495	13762.48
DE	0												
DEMA	0										0	0	399

Note: MEA = 2-Methyl, 6-Ethyl Aniline;

DEA = 2, 6-Diethyl Aniline

DEMA = 4 Methyl 2,6 Diethyl Aniline



### Hazardous -Waste Generation & Disposal Details

Cat : 35.3 ETP Sludge ( In MT)				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	2.34	62.39	62.06	2.67
May-24	2.67	43.89	43.99	2.57
June-24	2.57	30.49	29.72	3.34
July-24	3.34	9	6.96	5.38
August-24	5.38	95.13	95.03	5.48
Sept-24	5.48	42.81	39.81	8.48
October-24	8.48	81.53	77.53	12.48
November-24	12.48	116.88	123.48	5.88
December-24	5.88	32.17	34.81	3.24
January-25	3.24	36.47	33.37	6.34
February-25	6.34	53.26	57.69	1.91
March-25	1.91	28.88	23.88	6.91
<b>Total</b>	Op. stock @ 2.34 MT on 01/04/2024	632.9	628.33	Cl. stock @ 6.91 MT on 31/03/2025

Cat : 5.1 Used Oil / Spent Oil In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	1.07	1.8		
May-24	2.87	0		
June-24	2.87	0.2		
July-24	0.67	0		
August-24	0.67	0.28		
Sept-24	0.95	0		
October-24	0.95	0.8		
November-24	1.75	0		
December-24	1.75	0.5	2.05	
January-25	0.2	0		
February-25	0.2	0.2		
March-25	0.4	0.2		
<b>Total</b>	Op.stock @1.07 MT on 01/04/2024	3.98		



Cat : 33.1 Discarded Container - In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	1.15			1.15
May-24	1.15			1.26
June-24	1.26			0.89
July-24	0.89			0.9
August-24	0.9		0	1.2
Sept-24	1.2			0.88
October-24	0.88			0.39
November-24	0.39			0.12
December-24	0.12			0.22
January-25	0.22			0.04
February-25	0.04			0.05
March-25	0.05			0.25
Total	Op. stock @ 1.15 MT on 01/04/2024	13	13.9	Cl. stock @ 0.25 MT on 31/03/2025

Cat : 26.1 Process Waste (Residue) In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	2.17	6.9	0	9.07
May-24	9.07	9	12.96	5.11
June-24	5.11	8	0	13.11
July-24	13.11	13.6	21.57	5.14
August-24	5.14	10.8	0	15.94
Sept-24	15.94	10.5	12.3	14.14
October-24	14.14	20.9	13.08	21.96
November-24	21.96	9.3	10.98	20.28
December-24	20.28	11.3	13.34	18.24
January-25	18.24	32	21.1	29.14
February-25	29.14	28.1	22.07	35.17
March-25	35.17	40.6	25.45	50.32
Total	Op. stock @ 2.17 MT on 01/04/2024	201	152.85	Cl. stock @ 50.32 MT on 31/03/2025





Cat : 26.5 Spent Catalyst - In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April-24	0	0		
May-24	0	0		
June-24	0	0		
July-24	0	0		
August-24	0	0		
Sept-24	0	0		
October-24	0	0		
November-24	0	0		
December-24	0	0		
January-25	0	0		
February-25	0	0		
March-25	0	0		
	Op. stock @ 0.0 MT on			
Total	01/04/2024	0		

Cat : 26.1 Aluminum Hydroxide Al(OH)3 - In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April-24	44.04	257.44	198.13	103.35
May-24	103.35	493.58	507.20	89.73
June-24	89.73	293.83	331.81	51.75
July-24	51.75	186.97	168.56	70.16
August-24	70.16	342.50	373.81	38.85
Sept-24	38.85	432.93	425.87	45.91
October-24	45.91	450.29	438.62	57.58
November-24	57.58	420.49	256.83	221.25
December-24	221.25	1126.03	1196.90	150.37
January-25	150.37	582.07	536.85	195.59
February-25	195.59	863.44	951.15	107.88
March-25	107.88	862.89	913.75	57.02
	Op. stock @ 44.04 MT on			
Total	01/04/2024	6312.46	6299.48	Cl. stock @ 57.02 MT on 31/03/2025



Cat : 33.1 Non Recycle Plastic waste, PPE's & Insulation waste / Cotton waste - In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	0.800	1.12	1.08	0.840
May-24	0.840	1	0.93	0.910
June-24	0.910	6.5	6.06	1.350
July-24	1.350	1	0.91	1.440
August-24	1.440	2.6	2.37	1.670
Sept-24	1.670	0.2	0	1.870
October-24	1.870	4.5	6.21	0.160
November-24	0.160	2	1.59	0.570
December-24	0.570	3.5	3.51	0.560
January-25	0.560	1.9	2.36	0.100
February-25	0.100	2.8	2.54	0.360
March-25	0.360	1.2	0.89	0.670
Total	Op. stock @ 0.800MT on 01/04/2024	28.32	28.45	Cl.stock @ 0.67 MT on 31/03/2025

Cat : 26.1 Spent Carbon-In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	0	0		
May-24	0	0		
June-24	0	0		
July-24	0	0		
August-24	0	0		
Sept-24	0	0		
October-24	0	0		
November-24	0	0		
December-24	0	0		
January-25	0	0		
February-25	0	0		
March-25	0	0		
Total	Op. stock @ 0 MT on 01/04/2024	0		



Cat : 26.1 Off Specification Product- In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	0	0		
May-24	0	0		
June-24	0	0		
July-24	0	0		
August-24	0	0		
Sept-24	0	0		
October-24	0	0		
November-24	0	0		
December-24	0	0		
January-25	0	0		
February-25	0	0		
March-25	0	0		
Total	Op. stock @ 0 MT on 01/04/2024	0		

Cat : 35.2 Spent Resin- In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -23	0	0		
May-23	0	0		
June-23	0	0		
July-23	0	0		
August-23	0	0		
Sept-23	0	0		
October-23	0	0		
November-23	0	0		
December-23	0	0		
January-24	0	0		
February-24	0	0		
March-24	0	0		
Total	Op. stock @ 0 MT on 01/04/2023	0		





Battery waste- In MT				
Month	Opening Balance	Generation	Disposal	Closing Balance
April -24	0.65	0.00	0.00	0.65
May-24	0.65	0.13	0.00	0.78
June-24	0.78	0.00	0.00	0.78
July-24	0.78	0.36	0.00	1.14
August-24	1.14	0.00	0.00	1.14
Sept-24	1.14	0.00	0.00	1.14
October-24	1.14	0.00	0.00	1.14
November-24	1.14	0.00	0.00	1.14
December-24	1.14	0.00	0.00	1.14
January-25	1.14	0.00	0.00	1.14
February-25	1.14	0.40	1.11	0.43
March-25	0.43	0.00	0.00	0.43
Total	Op. stock @ 0.65 MT on 01/04/2024	0.89	1.11	Cl. stock @ 0.43MT on 31/03/2025

E-waste waste- In MT				
April -24	0.51	0.00	0.00	
May-24	0.51	0.00	0.00	
June-24	0.51	0.00	0.00	
July-24	0.51	0.20	0.00	
August-24	0.71	0.00	0.00	
Sept-24	0.71	0.00	0.00	
October-24	0.71	0.00	0.00	
November-24	0.71	0.00	0.00	
December-24	0.71	0.00	0.00	
January-25	0.71	0.00	0.00	
February-25	0.71	0.40	0.74	
March-25	0.37	0.00	0.00	
Total	Op. stock @ 0.51 MT on 01/04/2024	0.6	0.74	Cl. stock @ 0.37 MT on 31/03/2025





**MONA PRINT PRIVATE LIMITED**

(formerly known as Mittal Globetex Private Limited)

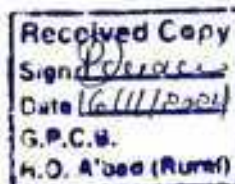
CIN: U17299GJ2021PTC128066

Registered Office : 18, 407/1, R.K. Estate,  
Behind Rollan Estate Near Gita Process, Ishanpur Road, Narol,  
Ahmedabad-382405, Gujarat. M. 9979855609

Date: 16.11.2024

GPCB ID : 89932

To,  
Regional Office, Ahmedabad (Rural)  
Gujarat Pollution Control Board,  
Deffodills Avenue, Near Zydus Research Center,  
Sarkhej-Bavla Highway, NH No.8A,  
Moraiya- 382213, Ta. Sanand, Dist. Ahmedabad.



**Subject: Intimation for Utilization of Aluminium Hydroxide -Al(OH)<sub>3</sub> Under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.**

**Respected Sir,**

With reference to the above mentioned subject, we would like to receive the Aluminium Hydroxide -Al(OH)<sub>3</sub> from **M/s. Aarti Industries Limited**, located at Plot No. Z/103/H, Dahej SEZ-II, Tal Vagra, Dist: Bharuch, Gujarat.

A copy of the CC&A of our Unit is attached as Annexure I and valid CCA of M/s. Aarti Industries Limited, Dahej, is attached as Annexure II. We have also entered into MOU which is enclosed herewith as Annexure-III.


We have taken the ETP on lease from M/s. Pradip Overseas Ltd. (XGN Id: 13108) for which both parties M/s. Pradip Overseas Ltd. (XGN Id: 13108) & M/s. Mona Prints Private Limited (XGN Id: 89932) has obtained the requisite permission from GPCB. The trial run has already been conducted for the utilization of Aluminium Hydroxide Al(OH)<sub>3</sub> in the ETP for neutralization and flocculation agents and also as per the 33rd TEC CPCB Meetings. committee recommended for the utilization. Unit is awaiting the SOP from CPCB, once SOP released unit will apply for the authorization and passbook to GPCB.

We are submitting this letter for your kind consideration and your information.

Thanking you Sir,



For M/s. Mona Prints Pvt. Ltd.

  
Authorized Signatory

Process House :  
104, 105, Chacharwadi, Vasna, Opp. Zudus Cadila, Changodar, Ahmedabad-382 213



**AARTI  
INDUSTRIES®**

Ref No. AIL/DHJ/NEO/ENV/2024-25/022

PCB ID: 41201

Date: 15.11.2024

To,  
The Regional Office-Bharuch  
Gujarat Pollution Control Board,  
Bharuch.

**Subject: Intimation for Sale of Aluminium Hydroxide -Al(OH)<sub>3</sub> under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.**

Respected Sir,

With reference to the above-mentioned subject, we would like to send the Aluminium Hydroxide Al(OH)<sub>3</sub> to **M/s. Mona Prints Private Limited (XGN Id: 89932)** located at 104 paiki & 105 paiki, Opp. Zydus Cadila, Sarkhej-Bavla Highway, Vasana Chacharwadi-382213 Tal. Sanand, Dist. Ahmedabad, Gujarat.


Copy of the CC&A of our Unit is attached as Annexure-I and valid CCA of **M/s. Mona Prints Private Limited** is attached as Annexure-II. We have also entered into MOU which is enclosed herewith as Annexure-III.

The end users has taken the ETP on lease from M/s. Pradip Overseas Ltd. (XGN Id: 13108) for which both parties M/s. Pradip Overseas Ltd. (XGN Id: 13108) & M/s. Mona Prints Private Limited (XGN Id: 89932) has obtained the requisite permission from GPCB. The trial run has already been conducted for the utilization of Aluminium Hydroxide Al(OH)<sub>3</sub> in the ETP for neutralization and flocculation agents and also as per the 33rd TEC CPCB Meetings, committee recommended for the utilization. Unit is awaiting the SOP from CPCB, once SOP released unit will apply for the authorization and passbook to GPCB.

We are submitting this letter for your kind consideration and your information.

Thanking you,  
For M/s. Aarti Industries Limited

  
Authorized Signatory  


  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

[www.aarti-industries.com](http://www.aarti-industries.com) | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801,801/23,IIIrd Phase, GIDC Vapi-396195, Dist - Valsad, INDIA. T : 0260-2400366

Factory : Plot No. Z/103/H, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130. INDIA.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : [info@aarti-industries.com](mailto:info@aarti-industries.com)





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INDIA NON JUDICIAL  
Government of Gujarat  
Certificate of Stamp Duty

Certificate No. : IN-GJ99736706792172W  
Certificate Issued Date : 16-Nov-2024 11:20 AM  
Account Reference : IMPACC (AC)/ gj13051511/ DHOLKA GJ-AM  
Unique Doc. Reference : SUBIN-GJGJ1305151113518383298395W  
Purchased by : MONA PRINT PRIVATE LIMITED  
Description of Document : Article 5(h) Agreement (not otherwise provided for)  
Description : MOU  
Consideration Price (Rs.) : 0  
(Zero)  
First Party : MONA PRINT PRIVATE LIMITED  
Second Party : AARTI INDUSTRIES LIMITED  
Stamp Duty Paid By : MONA PRINT PRIVATE LIMITED  
Stamp Duty Amount(Rs.) : 300  
(Three Hundred only)

Book No.	A101
Page No.	106
Serial No.	1156
Date	16 NOV 2024



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## Statutory Alert:

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- Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
- The responsibility of checking the authenticity is on the user of the certificate.



# ANNEXURE - III



## Memorandum of Understanding

This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into on this 15th day of November 2024 (hereinafter referred to as the "Effective Date")

### BY AND BETWEEN

**AARTI INDUSTRIES LIMITED**, a company incorporated under the laws of India, having its manufacturing unit at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat and also having its corporate office at 402, 4th Floor, Tower C, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West), Mumbai - 400 083, Maharashtra, India (hereinafter referred to as the "Generator" (which expression shall, unless repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the **One Part**;

### AND

**MONA PRINT PRIVATE LIMITED** a company incorporated under the laws of India, having its manufacturing unit located at 104 paiki & 105 paiki, Opp. Zydus Cadila, Sarkhej-Bavla Highway, Vasana Chacharwadi-382213 Tal. Sanand, Dist. Ahmedabad, Gujarat hereinafter referred to as "Utilizer" (which expression shall unless it be repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the **Other Part**

Generator and Utilizer are hereinafter individually referred to as "**Party**" and collectively as "**Parties**"

NOW, THEREFORE, for and in consideration of the foregoing premises and of the mutual covenant hereinafter stipulated, the Parties hereto, one with the other, do hereby agree as follows:

Sr. No.	Clause Title	Description
1.	RECITALS	<p>A. Generator is engaged inter-alia in the business of manufacturing, marketing, sale and distribution of specialty chemicals related downstream products;</p> <p>B. Utilizer is engaged in the business of inter alia Dyeing, Printing, Processing of cloth and is operating an Effluent Treatment Plant ("ETP") located at 104 paiki &amp; 105 paiki, Opp. Zydus Cadila, Sarkhej-Bavla Highway, Vasana Chacharwadi - 382213 which has been granted on lease by Pradip Overseas Pvt. . Ltd.. ("Facility")</p> <p>C. Generator has approached the Utilizer for the safe utilization of the Hazardous Waste (<i>defined below</i>) which is generated at Generator's manufacturing site located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat in an environmentally friendly manner. Thereafter, the Utilizer has offered to offtake the Hazardous Waste for safe disposal.</p>
2.	PROPOSED TRANSACTION	The Utilizer has represented and assured Generator that it has necessary statutory and regulatory approvals for receiving the Hazardous Waste. On such representation and assurances of Utilizer,

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		Generator has evaluated and selected Utilizer for receiving and utilizing the Hazardous Waste generated from the manufacturing site of the Generator located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat and will execute safe utilization of the same as per applicable rules and laws including Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
3.	BINDING NATURE	This MOU is binding on the Parties during the Term as mentioned hereinbelow.
4.	HAZARDOUS WASTE	"Hazardous Waste" shall mean Aluminum Hydroxide i.e., $Al(OH)_3$ that is being transferred to the Utilizer's facility for utilization as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 ("H&OWM Rules") and its subsequent amendments thereof.
	MOU QUANTITY	It is hereby agreed between the Parties that a maximum of <b>7,500 MT per year</b> of the Hazardous waste shall be supplied by Generator to Utilizer.
6.	DELIVERY TERMS	<ol style="list-style-type: none"><li>Parties agree that pickup of the Hazardous Waste from the Generator's facility to the Utilizer's Facility for transportation will be the responsibility of the Utilizer.</li><li>Utilizer shall provide suitable tankers or any other transit vehicles (Vehicles) as per the specifications, prescribed by any government authority to Generator or as prescribed by the Generator for transporting the Hazardous Waste to the Utilizer's unit in compliance with all applicable laws of India.</li><li>Utilizer shall use AIS-140 compliant Global Positioning System (GPS) enabled tankers and shall ensure API development of GPS of all the vehicles with Aarti Logistics Control Room (ALCR) before engaging in the services.</li><li>Utilizer shall comply with the Motor Vehicles Act, 1988 and its Rules and any other applicable laws framed thereunder for carrying Hazardous Waste chemicals.</li></ol>
7.	JOINT RESPONSIBILITIES OF GENERATOR AND UTILIZER	<ol style="list-style-type: none"><li>Both the Parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous Waste generation, reception, disposal &amp; utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 ("H&amp;OWM Rules") and shall make inventory available for inspection.</li><li>Both the Parties, the Generator and the Utilizer, shall strictly follow CPCB guidelines of the H&amp;OWM Rules and its amendments.</li><li>Both the Parties, the Generator and the Utilizer, shall install and operate CCTV surveillance system with 24x7 recordings at their Facility and at least 1 (one) month's storage of footage be made available for inspection at any given point of time.</li></ol>



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8. GENERATOR ROLES & RESPONSIBILITIES	Key Roles & Responsibilities of Generator are: <ol style="list-style-type: none"><li>1. Generator shall keep record of inventory of Hazardous Waste generation, disposal &amp; stock (as applicable) and shall make inventory available for inspection as per the H&amp;OWM Rules, and its subsequent amendments thereof.</li><li>2. Generator shall ensure that Hazardous Waste shall be sent with the proper online manifest generated through Gujarat Pollution Control Board ("GPCB") XGN site invariably.</li></ol>
9. UTILIZER ROLES & RESPONSIBILITIES	Key Roles & Responsibilities of Utilizer are: <ol style="list-style-type: none"><li>1. The Utilizer shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on a monthly basis to the Generator.</li><li>2. Utilizer shall ensure return of duly signed and stamped copy of manifest system (Copy-4) to the transporter after accepting the consignment of Hazardous Waste as per H&amp;OWM Rules.</li><li>3. Utilizer shall ensure returning of duly signed and stamped copy of manifest system (Copy-6) to Generator as per H&amp;OWM Rules.</li><li>4. Utilizer shall ensure to accept the manifest on GPCB XGN site after receiving the consignment of waste as per GPCB-XGN requirements.</li><li>5. Utilizer shall ensure written communication to Generator through email for acceptance of consignment with receipt vehicle photo at the end users gate and integrity of seal applied on valves/manholes of the vehicles carrying Hazardous Waste.</li><li>6. The Utilizer shall follow and comply with requirements of guidelines/checklists formulated by the Generator.</li><li>7. The Utilizer shall ensure written communication to Generator through email for acceptance of Hazardous Waste within one (1) day of receiving it at their premise.</li><li>8. The Utilizer has to obtain the Authorization and Passbook from GPCB whenever the SOP is issued by the Central Pollution Control Board ("CPCB"). Utilizer will use the Hazardous Waste for the neutralization and flocculation in the ETP.</li><li>9. The Utilizer shall not exceed the permitted/applied quantity of Hazardous Waste from all Generators.</li><li>10. The Utilizer shall be responsible in case of any illegal disposal of Hazardous Waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer.</li><li>11. Utilizer shall be responsible for the compliance of Motor Vehicles Act, 1988, H&amp;OWM Rules and the Rules framed thereunder for carrying Hazardous Chemicals/waste.</li><li>12. Utilizer shall be responsible for maintaining the record of Manifest system-Copy-3 at their end for inspection/verification.</li></ol>

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		<p>13. Transporter selection by Utilizer shall be as per the H&amp;QWM Rules, Motor Vehicles Act, 1988 and other related rules &amp; regulations.</p> <p>14. The Utilizer shall ensure that the tanker shall be dedicated for transportation of Hazardous Wastes and shall not be used for any other purposes.</p> <p>15. The Utilizer shall ensure the cleaning of vehicles carrying Hazardous waste shall be carried out at designated places duly authorized by respective Pollution Control Board/Committee.</p> <p>16. Utilizer shall be responsible for maintaining the record of Manifest system-Copy-4 at their end for inspection/verification.</p> <p>17. Utilizer selection by Utilizer shall be as per the H&amp;OWM Rules, The Motor Vehicles Act, 1988, and other related rules &amp; regulations.</p>
10.	GENERATOR REPRESENTATION	<p>1. Generator has represented and assured Utilizer that it has the CC&amp;A No./ Consent issued by Gujarat Pollution Control Board ("GPCB"), Gujarat bearing No. AWH- 131146 issued on 02.03.2024 &amp; valid up to 19.05.2028 &amp; its further amendments thereafter for a quantity of 25,543 MT per Year of Hazardous Waste.</p>
11.	UTILIZER REPRESENTATION	<p>2. Utilizer has represented and assured Generator that it has all the statutory approvals and permits for operating such a Hazardous Waste processing unit in an environmentally compliant manner and possess the necessary skills, manpower, knowledge and ability to do so.</p> <p>3. Utilizer has represented and assured Generator that it has the CC&amp;A No./ Consent issued by Gujarat Pollution Control Board, Gujarat bearing No. AWH-128503 issued on 17.08.2023 which is valid up to 31.03.2028.</p>

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12.	FORCE MAJEURE	<ol style="list-style-type: none"><li>1. This MoU and its performance shall be subject to Force Majeure.</li><li>2. For the purpose of this clause <b>Force Majeure</b> shall mean and include any act of God, flood, explosion, earthquake, cyclone, storm, tidal wave, drought, landslide or similar disturbance, sabotage, fire, accident, insurrection, terrorist attack, fire, explosion, hurricane, tempest, embargo, landslide, perils at the sea, transporters strike, riot, plant breakdown, blockage, machinery breakdown confiscation, embargo, pandemic, epidemic, change in law or order of any judicial/statutory/administrative/local authority or body, change in any act, order, proclamation, decree, war, strike, lock-out including at plant or mines, quarantine, in or other acts of God or any other event beyond the reasonable control, civil commotion regulation, ordinance, instruction, directives of government, and any other events beyond reasonable control of the Parties. ("Force Majeure").</li><li>3. Either Party affected by Force Majeure shall be temporarily relieved from their obligations during the period of time such Force Majeure events continue and to the extent their liabilities are affected shall stand suspended and shall notify other Party of the same. Parties agree that Force Majeure shall not in any manner absolve each of them from their subsisting and continuing obligations under the MoU which are not affected by Force Majeure.</li><li>4. If an event of Force Majeure continues for more than 30 (thirty) calendar days, then Parties shall amicably discuss a way forward, including extending the Term.</li></ol>
13.	TERM	This MoU shall come into effect on the Effective Date and shall remain valid until the expiry of Consent/CC&A of either Generator or Utilizer, whichever is earlier. ("Term").
14.	TERMINATION	<ol style="list-style-type: none"><li>1. Generator may terminate this MOU upon thirty (30) days prior notice to the other Party.</li><li>2. Either party reserves the right to suspend or terminate this MOU in the event of the other Party committing any breach/violation of the condition of the present MOU or any provision of applicable law or regulation for the time being in force and such party fails/neglects to remedy the breach within thirty (30) days of such notice.</li><li>3. Additionally, the Generator may terminate this MOU with immediate effect if the Utilizer is adjudged as insolvent or is subject to bankruptcy or insolvency or has receiver appointed upon its assets, or subject to any judicial enquiry or investigation for breach of applicable laws on anti-corruption, anti-bribery or money laundering or otherwise, or subject to any litigation, the outcome of</li></ol>

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		which is likely to have a material adverse effect on this MOU.
15	INDEMNITY BY UTILIZER	The Utilizer shall defend, indemnify and hold harmless directors, employees and agents of Generator against any and all direct claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of any act or omission, breach or nonconformance by the Utilizer with respect to the provisions contained in this MOU or any statutory or regulatory non-compliance.
16	GOVERNING LAW AND JURISDICTION	This MoU shall be governed by, and construed in accordance with the laws, rules and regulations of India as amended or modified from time to time. The Competent Courts at Ahmedabad, India shall have sole and exclusive jurisdiction to try and entertain any disputes which may arise between the Parties.
17	DISPUTE RESOLUTION	Any dispute or differences under or in relation to this MoU or its interpretation thereof shall be amicably resolved by the Parties within a period of thirty (30) days from the date of reference of the dispute by one Party to another. In the event the Parties fail to amicably resolve the dispute within the aforesaid period, such dispute/difference shall be referred to and resolved by binding arbitration of a sole arbitrator appointed in accordance with the Rules of the Mumbai Centre of International Arbitration ("MCIA Rules"), which MCIA Rules are deemed to be incorporated by reference into this Clause. The seat or legal place /venue of arbitration shall be Ahmedabad. The language to be used in the arbitral proceedings shall be English.

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IN WITNESS WHEREOF, the Parties have executed this MoU through their authorized representatives on the date and year first hereinabove mentioned.

SIGNED AND DELIVERED by the within named **AARTI INDUSTRIES LIMITED** through its Authorized Signatory  
Ms. Sandhya Tolat in the presence of:

**SANDHYA  
GAUTAM  
TOLAT**

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**SANDHYA GAUTAM  
TOLAT**

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Ms. Sandhya Tolat

For **AARTI INDUSTRIES LIMITED**

(General Counsel & Authorized Signatory)

SIGNED AND DELIVERED by the within named **MONA PRINT PRIVATE LIMITED** through its Authorized Signatory

Mr. A. N. Sachoo in the presence of:

**FOR, MONA PRINT PRIVATE LIMITED**

  
**AUTHORISED SIGNATORY**

Mr \_\_\_\_\_

For **MONA PRINT PRIVATE LIMITED**

(Authorized Signatory)

**SIGNED  
BEFORE ME**  
  
**ALTAF N. MALIK  
NOTARY  
GOVT. OF INDIA.**

**16 NOV 2024**







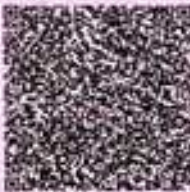
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**Government of Gujarat**  
**Certificate of Stamp Duty**

**Certificate No.** : IN-GJ96676937169214X  
**Certificate Issued Date** : 01-Sep-2025 03:46 PM  
**Account Reference** : IMPACC (FI)/ gjelimp10/ BHARUCH/ GJ-BH  
**Unique Doc. Reference** : SUBIN-GJGJELIMP1098739152197871X  
**Purchased by** : JAYESH KATHROTIYA  
**Description of Document** : Article 5(h) Agreement (not otherwise provided for)  
**Description** : SERVICE AGREEMENT  
**Consideration Price (Rs.)** : 0  
(Zero)  
**First Party** : AARTI INDUSTRIES LTD  
**Second Party** : SHREE CEMENT LTD  
**Stamp Duty Paid By** : AARTI INDUSTRIES LTD  
**Stamp Duty Amount(Rs.)** : 300  
(Three Hundred only)



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2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



## SERVICE AGREEMENT FOR CO-PROCESSING

This Agreement for co-processing of hazardous waste (hereinafter referred to as the ("Agreement"), is entered into on 1<sup>st</sup> day of August 2025 ("Effective Date").

By and between

**AARTI INDUSTRIES LIMITED**, a Company incorporated under the Companies Act, 1956 and having its corporate office at 4th Floor, Tower C-402, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West), Mumbai - 400 083, Maharashtra, India (hereinafter referred to as "**AIL**") and having its manufacturing plant situated at **PLOT NO: Z/103/H, SEZ-II, Dahej, Tal: Vagra, Dist.-Bharuch Gujarat** (hereinafter referred to as "**AIL's Manufacturing Plant**"), (which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) of the **One** part;

AND

**Shree Cements Limited**, a Company incorporated under the Companies Act, 1956/2013 and having its registered office at **Shree Cement Limited, P.B. no 33, Bangur, Nagar, Beawar -305901, Distt. Ajmer (Rajasthan)** Ras plant- Address- Village Ras, Tehsil Jaitaran, Dist.: Pali (Raj), (hereinafter referred to as "**Second Party/SCL**") (which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) of the **Other** part.

Both **AIL** and **SCL** shall be collectively referred to as "**the Parties**" and individually as "**Party**" hereinafter in this Agreement.

### WHEREAS:

- A. AIL is engaged in the business of inter-alia manufacturing, marketing, distribution and sale of specialty chemicals, and related downstream products and is in search of a cost effective and environment- friendly method of disposing of hazardous waste ( category 33.1 & 26.1 ), as mentioned in Annexure A (hereinafter referred to as the "**Waste Material**") which are categorized as hazardous waste as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 ("**Rules**").
- B. SCL is in the business of inter-alia manufacturing and sale of different types and grades of cement .
- C. AIL has approached SCL for evaluating the feasibility of safe and environment-friendly disposal of the Waste Material which is generated at AIL's Manufacturing Plant. SCL has offered to **co-process** the Waste Material generated at AIL's Manufacturing Plant in the Cement Kiln at its premises/plant located at having address at **Shree Cement Limited, P.B. no 33, Bangur, Nagar Beawar -305901, Distt. Ajmer (Rajasthan)** Ras plant- Address- Village Ras, Tehsil Jaitaran, Dist.: Pali (Raj), ("hereinafter referred to as the **SCL's Manufacturing Plant**").
- D. AIL and SCL have agreed that SCL shall provide the services of **co-processing** the Waste Material at SCL's Manufacturing Plant (hereinafter referred to as the "**Services**") subject to



Parties respectively obtaining all necessary statutory clearances, consents, no objection certificate, writings and confirmations as may be applicable from various authorities and government agencies for performing the said Services.

- E. The Parties, therefore, are desirous of entering into this Agreement to govern the provision of the Services on the terms and conditions mutually agreed between the Parties and recorded in this Agreement.

**NOW, THEREFORE**, for and in consideration of the foregoing premises and of the mutual covenant hereinafter stipulated, the Parties hereto, one with the other, do hereby agree as follows:

## **1. SERVICES**

### **1.1 Appointment**

AIL hereby appoints SCL for the purpose of rendering the Services as more specifically described herein this Clause 1, and SCL hereby accepts such appointment and agrees to perform and deliver the Services in accordance with the terms and conditions set forth herein.

### **1.2 Scope**

Subject to the provisions of this Agreement, SCL shall during the Term of this Agreement, provide the Services for all the consignments of Waste Material delivered to SCL's Manufacturing Plant, wherein the Waste Material conform to the specification set out in Annexure A attached to this Agreement and does not contain any of the items listed in the banned items list as set out in Annexure B of this Agreement.

### **1.3 Roles and Responsibilities of the Parties**

#### **1.3.1 Packaging and Labeling**

AIL shall arrange for the following, prior to dispatch of Waste Material to SCL's Manufacturing Plant:

- 1.3.1.1 Packaging of the solid/ liquid Waste Material in High Density Polyethylene / Rubber / HDPE liner Tanker/ Metal drums.
- 1.3.1.2 Label every Vehicles (as defined below) loaded with Waste Material as per Form 8 (as amended or modified from time to time) of the Rules in the format set out in Annexure C attached to this Agreement, in English, Hindi and vernacular language and other relevant identification as stipulated under applicable laws.
- 1.3.1.3 Provide SCL different categories of Waste Material that it desires to dispose of. These categories of Waste Material shall be as per the parameters specified in the relevant Schedule of the Rules as amended from time to time. AIL shall also give true and correct information related to the description, amount, nature and toxicity of Waste Material.
- 1.3.1.4 AIL shall provide the following information/documents to the transporter:





- a) Five copies of filled Manifest Form and TREM Card under Form 9 as stipulated under the Rules.
- b) Guide the transporter on the movement of the Manifest Form and measures to be taken in case of emergency during transportation of the Waste Material on the basis of the information provided by AIL for safe handling of the Waste Material as set out in Annexure F attached to this Agreement.
- c) Document indicating the nil commercial value and certificate specifying conforming/accepted Waste Material.

**1.3.2 Testing for conformance (Lab Testing/inspection of Waste Material):**

- 1.3.2.1 SCL shall, at its own expense, arrange to analyze the sample, in order to check whether the Waste Material conforms to Annexure A and Annexure B as set out in this Agreement and inform its acceptance/rejection as the case may be, to AIL within 10 (days) of carrying out of the representative sampling.

**1.3.3 Roles/Responsibilities of the Parties, in case the Waste Material are not accepted:**

- 1.3.3.1 In case, SCL is in receipt of any consignment that contains Waste Material which does not meet the specifications as mentioned in Annexure A and/or the requirement under clause 1.3.1 (Packaging & labeling), then SCL shall be entitled to refuse the acceptance of such consignment and shall intimate the same to AIL within 24 hrs of the receipt of consignment at SCL's Manufacturing Plant. SCL shall arrange to transport that consignment within 48 hrs from the time of intimation from SCL on the refusal of acceptance of such consignment. AIL will bear the expense of transporting the rejected Waste Material back to AIL's Manufacturing Plant.

**1.3.4 Roles/Responsibilities of the Parties, in case the Waste Material is accepted/conforming in nature**

- 1.3.4.1 Subject to accumulation of accepted and properly loaded quantum of 30 MT tanker for distillation residue and 10 MT for Mix waste truck load, SCL shall arrange for authorized transporter for transportation of Waste Material from AIL's Manufacturing Plant based on the mutually agreed delivery schedule. SCL shall also insure all its transport Vehicles (as defined below) and be liable for any accident, death, injury or environmental damages caused while in transit and AIL shall not be liable or responsible for the same.
- 1.3.4.2 The Parties agree that SCL shall provide suitable dumpers/trucks or any other transit vehicles ("Vehicles") as per the specifications, if any, prescribed by the government authority/GPCB and Motor Vehicles Act, 1988 to AIL for transporting the Waste Material to the SCL's Manufacturing Plant at the cost of SCL in compliance with all the applicable laws of India. SCL shall follow transportation as per the Rules and provided with GPS AIS-140 system for which access will be given to AIL, and necessary labels/markings of Vehicles carrying the Waste Material should be maintained on the Vehicles and also need to submit the approval/rejected Vehicles list to GPCB and AIL.
- 1.3.4.3 AIL shall load the Waste Material into the Vehicles and shall take all reasonable precautionary measures to avoid any fire, explosion or accident during the loading of the Waste Material.



AIL's Manufacturing Plant into Vehicles provided by SCL may have the discretion to supervise/witness the loading activities of the accepted lot of Waste Material.

- 1.3.4.4 AIL shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in loading, storage and handling of Waste Material at AIL's Manufacturing Plant for onward dispatch to the SCL's Manufacturing Plant.
- 1.3.4.5 SCL shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in transportation from AIL's Manufacturing Plant to SCL's Manufacturing Plant, unloading, storage, handling and **co-processing** of Waste Material at SCL's Manufacturing Plant and for all liabilities/damages/claims for compensation during such transit.
- 1.3.4.6 AIL shall provide to SCL all relevant information relating to safe handling and storage practices of the Waste Material while carrying out the sampling, testing, during transportation, storage of the Waste Material at SCL's Manufacturing Plant and provide reasonable assistance if necessary, in inspection and confirmation of the suitability of the storage arrangement made by SCL at SCL's Manufacturing Plant to store the Waste Material.
- 1.3.4.7 AIL shall, at its own cost, arrange to get every consignment of Waste Material weighed at the weighbridge at the authorized designated place near AIL's Manufacturing Plant and issue the weighbridge challan to the transporter while dispatching the consignment of Waste Material to the SCL's Manufacturing Plant.
- 1.3.4.8 All risks and liabilities shall transfer from AIL to SCL, upon the Vehicles loaded with Waste Material leaving AIL's Manufacturing Plant as per Annexure A and Annexure B.
- 1.3.4.9 SCL declares and confirms that it shall comply with the protocols for receipt of Waste Material as set out in Annexure E attached with this Agreement.
- 1.3.4.10 SCL shall arrange for weighment, unloading and storage of Waste Material. The weighment of the Waste Material shall be carried out and recorded at the weighbridge located at SCL's Manufacturing Plant for cross verification and will be used for documentation and payment purposes. In the event of any variation in the quantity of the Waste Material, the Parties hereto shall resolve the same in good faith through discussion on the appropriate actions required to be taken for verification and correction of any discrepancy.
- 1.3.4.11 SCL shall store the Waste Material in the storage area(s) at SCL's Manufacturing Plant in accordance with the Risk Assessment and Crisis Management Plan to be prepared in consultation with AIL on the basis of Health & Safety Data Sheets provided by AIL as set out in Annexure F attached to this Agreement and shall ensure safe storage, handling and disposal of the Waste Material.





1.3.4.12 SCL shall dispose of the Waste Material in accordance with the disposal pathway decided between the Parties based on the comprehensive analysis report of the Waste as detailed in Annexure A.

1.3.4.13 Both Parties shall comply with the provisions of all applicable laws of India including the Environment (Protection) Act, 1986 and the Rules as amended from time to time.

## 2. CERTIFICATE OF CO-PROCESSING

SCL shall at the beginning of each month during the term of this Agreement, issue to AIL certificate of co-processing of the Waste Material received for co-processing during the previous month in the format set out in Annexure H annexed hereto this Agreement.

## 3. SERVICE CHARGES AND PAYMENT TERMS

3.1 In consideration of SCL providing the Services, AIL shall pay SCL charges for the Services at the rate of Rs. 3200 /- per metric ton inclusive of transportation cost for spent carbon and process residue and 2000 MT for Mix garbage and transportation cost is 56000 Rs/trip("Service Charges")

3.2 SCL shall raise an invoice on a monthly basis by 30 day of the month with relevant supporting documents on AIL against Services rendered to AIL for the quantity received during the previous month. AIL shall make the payment within 30 days of the receipt of invoice.

3.3 The Parties should ensure that the invoices are updated on the GST portal by filing GSTR-1 and the payment of the output liability should be made by filing the GSTR-3B on a timely basis. Subsequently, in case ITC (input tax credit) of the invoices raised for a month are not reflected in its subsequent month's GSTR-2B, then such credit shall be adjusted by AIL against such subsequent month's payment.

3.4 The Service Charges stated in clause 3.1 above shall be net of all applicable taxes and duties. Applicable tax (GST) at the rate of 18% (or as per the prevalent GST rates) of the total Service Charge, will be charged extra.

3.5 If there is any dispute about any invoice amount, AIL shall be entitled to dispute the invoice amount within 10 days after receipt of invoice and SCL shall submit the corrected invoice within 15 days of discussion between the Parties and AIL shall make payment within 30 days of the receipt of the corrected invoice.

3.6 The Parties agree that all taxes, levies, imposts, deductions, charges, duties or withholdings which are assessed, levied, imposed or collected by any Government Central or State or authority and any taxes or levies arising in connection with the Services (other than income tax payable by SCL) shall be included in the invoice raised by SCL towards the Services and other charges, if any and shall be payable by AIL in addition to the Service Charges and other charges, if any.

## 4. REPRESENTATIONS AND WARRANTIES OF PARTIES

4.1 Each Party covenants, represents and warrants to Other Party that:



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- 4.1.1 It has right and has taken all requisite approval required to enter into this Agreement and perform its obligations under this Agreement and there are no legal or contractual impediment of any nature for entering into this Agreement;
- 4.1.2 It is a duly and validly existing under the laws of India with full power, authority and capability to do all acts contemplated herein and in the manner and on the terms and conditions stated;
- 4.1.3 There are no material legal, quasi-legal, administrative, arbitration, mediation, conciliation or other proceedings, claims, actions, governmental investigations, orders, judgments or decrees of any nature made, existing, or pending, which may affect the due performance or enforceability of this Agreement; and
- 4.1.4 This Agreement is a legal, valid and binding obligation of the Party, enforceable against the Party in accordance with its terms.
- 4.1.5 Each party has obtained and shall maintain valid, all the necessary statutory and regulatory approvals required to fulfill the obligations under this contract.
- 4.1.6 Each party shall fully comply with the applicable laws of India.
- 4.1.7 The person signing this Agreement, on its behalf, has been duly authorized to execute this Agreement;
- 4.2 Further, the Operator warrants that Services shall be provided in a professional manner consistent with industry standards and the standard operating procedure laid out by the relevant authority as per the Rules.

## **5. CONFIDENTIALITY OF INFORMATION**

- 5.1 All information divulged/shared/given by one Party to the other, pursuant to this Agreement in tangible form, which is specifically marked as confidential as well as all intangible information which is specifically conveyed in writing to be confidential within 7 days of revealing of such information, shall be deemed to be "Confidential Information" for the purpose of this Agreement.
- 5.2 The Parties agree that the Confidential Information which has been or will be disclosed by or on behalf of the other Party will be received by the recipient Party in confidence and will be used only for the Services under and in accordance with this Agreement.
- 5.3 Each Party acknowledges and agrees that all Confidential Information constitutes valuable, special and unique assets of the business of disclosing Party. Accordingly, the Parties agree that, in the event of any breach of this clause, in addition to any other remedies at law or in equity, the Parties shall be entitled to equitable relief, including injunctive relief and specific performance.





5.4 The Parties agree that the confidentiality and nonuse obligations of this Agreement shall not apply to the information:

- a) Which is within the public domain, or enters the public domain through no fault of receiving Party;
- b) Which is rightfully disclosed to receiving Party by a third party without obligation of confidentiality;
- c) Which was in the possession of receiving Party prior to receipt thereof from disclosing Party, as evidenced by written records;
- d) Which was independently developed by employees of receiving Party having no access to disclosing Party's proprietary information; or
- e) Ordered by a court of competent jurisdiction to be produced by the receiving Party; provided, however, that upon the receipt of any such order, the receiving Party shall immediately notify the disclosing Party of such order so that an appropriate protective order can be sought.

No portion of disclosing Party's Confidential Information will be deemed to be within any of the exceptions of this paragraph solely on the basis that more general information of a corresponding nature is within any of such exceptions, or on the basis that individual elements of the disclosing Party's Confidential Information are independently within any of the exceptions.

5.5 Any publicity in connection with this Agreement by either Party shall be subject to the prior consent of the other Party.

5.6 Upon termination of this Agreement, each Party shall promptly/immediately return to the other Party all confidential information (without retaining copies thereof) provided for the purposes of this Agreement.

## 6. TERM

6.1 This Agreement shall be valid for a term of 5 years ("Term") from the date of signing and execution; however the terms and conditions may be renegotiated by the Parties at the end of every year.

6.2 The Parties may agree to renew this Agreement on such terms and conditions and for such further periods as may be agreed upon with mutual consent and as recorded in writing and signed by both the Parties.

## 7. TERMINATION OF AGREEMENT

7.1 Each Party may terminate this Agreement in the following events:-

- a) In case of breach of the terms and conditions of this Agreement by either of the Parties, the other Party may give written notice of thirty (30) days to such defaulting Party, demanding it to remedy such breach. If the defaulting Party fails to remedy the breach within the notice period then the other Party shall have the right to terminate this Agreement with immediate effect.



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- b) If either Party goes into liquidation or is ordered to be wound up by any court of law or if any substantial part of the other Party's assets come under the jurisdiction of a receiver or trustee in an insolvency proceeding authorized by applicable law, the other Party shall have the right to terminate this Agreement with immediate effect.
  - c) Any Party hereto may terminate this Agreement without cause by giving 60 days prior written notice to the other Party.
- 7.2 Both the Parties agree that this Agreement shall automatically come to an end if the authorisation for co-processing the Waste Material given to SCL by relevant authorities is canceled/refused or not granted/renewed by CPCB/SPCB. In such a case, SCL will inform AIL immediately and then this Agreement stands terminated forthwith.
- 7.3 Upon termination of this Agreement, each Party shall endeavour to deliver to the other Party all documents and materials belonging to the other Party that may be in each Party's possession or under each Party's control within seven (7) days.

## 8. EFFECTS OF TERMINATION

- 8.1 The rights, duties and responsibilities of each Party shall continue to be in full force and effect during the period of notice till the date of termination including the obligation of SCL to complete the unfinished portion of the Services and the obligation of AIL to settle/pay all dues and/or invoices for the Services completed by SCL till the date of termination and/or expenses incurred till the date of termination by SCL.
- 8.2 Neither Party shall be liable to the other pursuant to such termination for compensation, reimbursement or damages on account of the loss of prospective business or profits or on account of expenditures, investments, lease or commitments or for any reason whatsoever arising out of such termination as set forth in clause 7 above, which is consequential in nature.

## 9. AMENDMENT

- 9.1 Any amendment and / or variation to this Agreement shall be mutually agreed upon by the Parties in writing and executed by or on behalf of each of the Parties hereto.

## 10. SEVERABILITY

- 10.1 If at any time during the term of this Agreement, all or any of the clauses of this Agreement is or becomes illegal, invalid or unenforceable in any respect or declared null and void or illegal under the applicable laws, the same shall not affect or impair the legality, validity or enforceability of any other provisions of this Agreement.

## 11. FORCE MAJEURE

- 11.1 The Agreement and its performance by either Party shall be subject to Force Majeure. For the purpose of this clause **Force Majeure** shall mean and include any act of God, flood, explosion, earthquake, cyclone, storm, tidal wave, drought, landslide or similar disturbance, sabotage, accident, insurrection, terrorist attack, fire, hurricane, tempest, embargo, landslide, transporter's strike, riot, blockage, confiscation, embargo, sanction, pandemic, epidemic, a law in change in law or order of any judicial/statutory/administrative/local authority or body, change in any act, order, proclamation, decree, war, strike, lockdown, quarantine, in or other acts of God or any other



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event beyond the reasonable control of either Party, civil commotion regulation, ordinance, instruction, directives of government, and any other events beyond reasonable control of such affected Party ("**Force Majeure**").

- 11.2 Either Party affected by Force Majeure shall be temporarily relieved from their obligations during the period of time such Force Majeure events continue and to the extent their liabilities are affected shall stand suspended and shall notify other Party of the same.
- 11.3 Parties agree that Force Majeure shall not in any manner absolve each of them from their subsisting and continuing obligations under this Agreement which are not affected by Force Majeure. Where partial performance of the Agreement is possible, the Parties shall continue to perform all their respective obligations including obligation to make payments.
- 11.4 The affected Party shall give the other Party written notice as soon as possible after the occurrence of any such event, but not later than two (02) working days that qualifies, or that is reasonably likely to qualify, as a Force Majeure. The Party asserting Force Majeure shall take such action, as it is reasonable in the circumstances to mitigate the effects of the Force Majeure and to effect removal thereof.
- 11.5 If an event of Force Majeure continues for more than 90 (Ninety) calendar days, then Parties shall amicably discuss the way forward.

## **12. INDEMNITY**

- 12.1 SCL shall indemnify, defend and hold harmless AIL and its directors, employees and agents from and against any and all claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of breach of the terms and conditions of this contract or death of any person, costs of response to any governmental inquiry, liability for loss of or damage to property or for loss or damage arising from attachments, liens or claims of materials, men or laborers, and reasonable attorney and consulting fees and costs relating to any of the foregoing ("Claims"), arising from SCL's non-performance or breach of this Agreement.

## **13. NON WAIVER**

- 13.1 Any delay or omission on the part of each Party in exercising any rights provided under applicable laws or under this Agreement shall not impair such rights or operate as a waiver thereof. The partial exercise of any right provided under applicable laws or under this Agreement shall not preclude any other or further exercise thereof or the exercise of any other rights under this Agreement.

## **14. ASSIGNMENT**

- 14.1 Neither Party shall have the right to assign or transfer its rights and obligations under this Agreement to any third party or person without the prior written consent of the other Party.

## **15. SURVIVAL**

- 15.1 Upon termination or expiry of this Agreement, Clause 5(Confidentiality of Information), Clause 7, 8 (Effects of Termination), Clause 12 (Indemnity), Clause 16 (Notice), and Clause 17 (Jurisdiction) will survive such termination or expiry and continue to bind the Parties for a period of 5 (five) years from the date of termination or expiry of the Agreement.

## **16. NOTICE**



- 16.1 Agreement must be in writing and shall be deemed received by the Party to which it is sent (i) upon delivery when delivered by hand, (ii) three (3) days after being sent, if sent with all sending expenses prepaid, by an express courier with a reliable system for tracking delivery, (iii) when transmitted, if sent by confirmed facsimile, or (iv) e-mail (if receipt of the complete facsimile or electronic mail is confirmed in writing by the recipient) (iv) three (3) days after the date sent, if sent by certified or registered mail, postage prepaid, return receipt requested to the address set out herein:-

**In case of the AIL:**

ATTENTION: Mr. Shankar Karhale

Email id: Shankar.karhale@aarti-industries.com

CC: Ms. Sandhya Tolat

Email: sandhya.tolat@aarti-industries.com

Address: 4th Floor, Tower C-402, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West),  
Mumbai - 400 083, Maharashtra, India

**In case of SCL:**

ATTENTION: Mr. Saurabh Palsania

**Joint President Sourcing Strategic**

Email id: Saurabh.Palsania@shreecement.com & Sabuj.Pramanik@shreecement.com

Sh Sabuj Pramanik, 21, Strand Rd, Fairley Place, B.B.D. Bagh, Kolkata, West Bengal

700001

M- 9773350404

## 17. JURISDICTION

- 17.1 This Agreement, the relationship between the Parties and all rights and obligations arising from any act done or required to be done under this Agreement and the terms herein shall be governed by and construed in accordance with the laws of India and subject to Clause 17.2 below, relating to arbitration, the competent courts at Mumbai shall have sole and exclusive jurisdiction to try and entertain any disputes between the Parties hereto.

- 17.2 If any dispute, difference, claim or controversy (the "**Dispute**") arises between the Parties about the validity, interpretation, implementation or alleged breach of any provision of this Agreement, then the Parties shall negotiate in good faith to endeavor to resolve the matter. However, if the Dispute has not been resolved by the Parties in good faith within thirty (30) days after the date of receipt of written notice of the Dispute by one Party from the other Party raising the Dispute, then the Dispute shall be referred to and finally resolved by a sole arbitrator appointed in accordance with the rules of the Mumbai Centre for International Arbitration (MCIA) as amended or modified from time to time. The venue of arbitration shall be at Mumbai. The Arbitration proceedings shall be conducted in the English language. The award passed by the sole arbitrator shall be final and binding on the Parties.

## 18. RELATIONSHIP OF PARTIES



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18.1 Nothing contained in this Agreement shall be construed as the engagement of SCL as an agent or partner of AIL. The relationship between the Parties shall be principal to principal, it is clearly understood that it is a "contract for services" and not a "contract of services" and does not create and shall not be deemed to create any partnership, joint venture or a principal agent relationship between SCL and AIL. Further AIL shall not be entitled to by act, word, deed or otherwise make any statement on behalf of SCL or in any manner bind SCL or hold out or represent that SCL is representing or acting as agent or partner of AIL.

## 19. NON EXCLUSIVE ENGAGEMENT

19.1 The Parties hereby grants each other a non-exclusive right, on the terms and conditions contained herein, to provide the Services. Nothing herein contained shall prevent or prohibit each Party from engaging other parties for the provision of the Services.

## 20. HEADINGS





20.1 The paragraph headings contained in this Agreement are for the convenience of the Parties and shall not affect the meaning and interpretation of this Agreement.

## 21. ENTIRE AGREEMENT

21.1 This Agreement along with its annexures embodies the entire understanding between the Parties hereto and supersedes all previous correspondence, agreements and understanding, if any.

**IN WITNESS WHEREOF** this Agreement is executed in two counterparts on the day and year first above written. Each Party hereto shall preserve one counterpart of this Agreement.

SIGNED AND DELIVERED for and on behalf of

FOR AARTI INDUSTRIES LIMITED	FOR SCL
 Name: Ms. <u>Sandhya Tolat</u> Designation: General Counsel (Authorized Signatory) Witnesses: 1. Swati Shekhawat  2. Naga Sumalika Rangisetty 	 Name: <u>Saurabh Palsania</u> Designation: Joint President Sourcing Strategic (Authorized Signatory) Witnesses: 1. 2.

## ANNEXURE A

### **SPECIFICATIONS OF THE WASTE MATERIAL**

**Results of analysis of samples sent by AIL to SCL's MANUFACTURING PLANT**

**Waste Material Specifications – Mix Solid waste (as received analysis)**

Components	.....
% Moisture (As received)	<35%
Gross Calorific value (Kcal/Kg)	>2500
% Sulphur	<3%
% Cl	<3%

**Waste Material Specifications – Process Residue (as received analysis)**

Components	.....
Gross Calorific value (Kcal/Kg)	>2500
% Sulphur	<3%
% Cl	<3%

**Note:**

- Waste should be consistent in terms of quality and similar to the samples sent for testing to our R&D Lab.
- Waste should be properly packed and loaded as mentioned under clause 1.2.2 (Packaging and labeling hereof).
- Chloride should not be more than 3% in Liquid/Solid waste, Non conforming material will be rejected and in that case transportation charges will be borne by the waste generator.



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**ANNEXURE B**  
**List of Banned Items**

The Waste Material dispatched by AARTI INDUSTRIES LTD's Manufacturing Plant to SCL's Cement Plant shall not contain the following items that are in the banned item list of SCL for Co-processing.

- Radioactive waste
- Asbestos-containing waste
- Explosives and ammunition / weapons
- Anatomical medical waste
- Electronic fraction of electrical and electronic waste (e-waste)
- Whole batteries as a targeted material stream
- Waste of unknown or unpredictable composition, including unsorted municipal waste



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## ANNEXURE C

Format for labeling of the Hazardous and other Wastes / individual containers

### FORM 8

[See rules 17 (1) and 18 (2)]

### **LABELLING OF CONTAINERS OF HAZARDOUS AND OTHER WASTE**

Handle with care

Waste category and characteristics as per Part C of Schedules II and III of these rules .....	Incompatible wastes and substances .....
Total quantity .....	Date of storage .....
Physical State of the waste (Solid/Semi-solid/liquid): .....	
Sender's name and address .....	Receiver's name and address .....
Phone.....	Phone.....
E-mail.....	E-mail.....
Tel. and Fax No.....	Tel. and Fax No.....
Contact person.....	Contact person.....
In case of emergency please Contact .....	

#### **Note:**

1. Background colour of label - fluorescent yellow.
2. The word, 'HAZARDOUS WASTES' and 'HANDLE WITH CARE' to be prominent and written in red, in Hindi, English and in vernacular language.
3. The word 'OTHER WASTES' to be written prominently in orange, in Hindi, English and in vernacular language.
4. Label should be of non-washable material and weather proof.



## ANNEXURE D

### **Generation & Stock of Waste Material**

AARTI INDUSTRIES LTD, during the term of the agreement, shall make available the following quantities of Waste Material to SCL on yearly basis:

#### **Hazardous waste:**

Hazardous mix solid waste (NRP Wastes), category 33.1 - maximum 60 MT

Process waste (Residue), category 26.1 - maximum 5460 MT

AARTI INDUSTRIES LTD, during the term of the agreement, shall deliver the Waste Material to SCL's Cement Plant on a monthly basis as per the mutually agreed delivery schedule. The delivery schedule of the month will be prepared by the party's through mutual consent and will be finalized before 20<sup>th</sup> of the earlier month.

In case of any change or modification required in the agreed monthly delivery schedule of a particular month by either party, the same shall be brought to the notice of the other party at least seven days in advance or as mutually agreed.



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## ANNEXURE E

### **Protocols for Receipt of Waste Material (hazardous waste)**

The following procedures shall be followed when receiving Waste Material at the SCL's Manufacturing Plant:

- Transporter will report to SCL's security gate for delivery of the Waste Material at storage area(s) of SCL's Manufacturing Plant.
- SCL's security officer shall inform the concerned officer of the SCL's Manufacturing Plant
- SCL's Manufacturing Plant officer will undertake following activities:-
  - (a) Receive all relevant documents from AIL's transporter including:
    - (i) Delivery document.
    - (ii) Certificate from AIL specifying conformance to the waste specifications.
    - (iii) Invoice indicating NIL commercial value by AIL.
    - (iv) Health & Safety Data Sheet of each of the material
    - (v) Manifest Form (7-copies) and other necessary documents as per the statutory requirements.
    - (vi) Any other document mutually agreed between the Parties.
  - (b) SCL shall arrange and record the weight of the Transport Vehicles on the weighbridge installed at the plant before and after unloading of the Waste Material at the designated storage area.
  - (c) SCL shall make necessary arrangements for unloading of the Waste Material at the designated storage area(s) and shall arrange to store the consignment of Waste Material the designated storage area, as per the date on which the consignment is delivered to the SCL's Manufacturing Plant and shall also record the no. of bags, date of delivery, consignment no., truck no. etc. in the inventory sheet as set out in Annexure H attached to this Agreement.
  - (d) SCL shall arrange to conduct inspection and sampling of the Waste Material as required and report to AIL whether the Waste Material is conforming to a specifications list in Annexure A and Annexure B within ten (10) days of receipt of Waste Material.
  - (e) In case Waste Material is not properly sealed/ loaded as set out in clause 1.3.1 (Packaging/Labeling), SCL shall inform the same to AIL and both the Parties shall discuss and arrive at the solution for safe handling and co-processing of Waste Material.
  - (f) SCL shall keep the storage area locked with appropriate surveillance by the security.
  - (g) To attend to any emergency situation, SCL shall maintain a copy of the risk assessment and crisis management plan with its security officer and also with its concerned officer.
  - (h) SCL shall ensure the proper movement of the manifest form at each stage as set out in Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016.
  - (i) SCL shall submit returns to the Authorities in the Form 4 as set out in Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 and the format for the same is attached with this Agreement as "Format of form 4" (Annexure I).



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**ANNEXURE F**  
**Health & Safety Data Sheet ~.....**

Name of Waste:	<b>Mix Solid Waste/Process waste (Residue)</b>
Hazards Identification	Flammable - <b>Yes</b> Combustible - <b>YES</b> Oxidising - <b>NO</b> Health Hazard - <b>YES</b> Biological Health Hazard - <b>NO</b> Toxicity - <b>NO</b> Corrosive - <b>NO</b> Explosive - <b>NO</b> Dust Irritation - <b>NO</b> Radioactive - <b>NO</b>
Precaution Measures	1. Wear protective gloves/protective clothing/eye protection/face protection 2. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray 3. Wash skin thoroughly after handling 4. Use only outdoors or in a well-ventilated area
First aid measures	<b>After skin contact:</b> Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists. <b>After eye contact:</b> Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Seek medical attention if irritation persists or if concerned.
Accidental Release Measures	<b>NA</b>
Handling and Storage	<b>Precautions for safe handling:</b> Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing.  <b>Conditions for safe storage, including any incompatibilities:</b> Store away from incompatible materials. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame.
Exposure Controls/Personal Protection	<b>Eye protection:</b> Wear Safety glasses or goggles are appropriate eye protection. <b>Skin Protection:</b> Wear appropriate hand gloves while handling the substance. Wear protective clothing to avoid skin contact. <b>Respiratory Protection:</b> Use appropriate dust masks for



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	respiratory protection.
Physical and Chemical Properties	Appearance (physical state, color): Solid Odor: Odorless pH: Not applicable
Stability and Reactivity	<b>Chemical Stability:</b> The product is stable. <b>Incompatibility with various substances:</b> Reactive with acids, alkalis. <b>Corrosivity:</b> Non-corrosive in presence of glass
Toxicological Information	NOT APPLICABLE
Ecological Information	NOT APPLICABLE
Disposal Considerations	USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENTS WHILE DISPOSING THE WASTE





**ANNEXURE G**

**Format for maintaining records of Waste Material**

**FORM 3**

[See rules 6(5), 13(7), 14(6), 16(5) and 20 (1)]

**FORMAT FOR MAINTAINING RECORDS OF HAZARDOUS AND OTHER WASTES**

1. Name and address of the facility
2. Date of issuance of authorisation and its reference number
3. Description of hazardous and other wastes handled (Generated or Received)

Date	Type of waste with category as per Schedules I, II and III of these rules	Total quantity (Metric Tonnes)	Method of Storage	Destined to or received from

\* Fill up above table separately for indigenous and imported waste.

4. Date wise description of management of hazardous and other wastes including products sent and to whom in case of recyclers or pre-processor or utiliser:
5. Date of environmental monitoring (as per authorisation or guidelines of Central Pollution Control Board):

**Signature of occupier**

Date.....

Place.....



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ANNEXURE H

CERTIFICATE OF CO-PROCESSING

Issued To:

Invoice:

Date:

This is to certify that we have taken receipt of the following quantities of Waste Material ( ) sent by M/s **AARTI INDUSTRIES LTD** for co-processing in SCL's Manufacturing Plant during the period \_\_\_\_\_ to \_\_\_\_\_. The same would be safely and completely disposed off within 90 days of receipt and thereafter will not exist.

Sr No.	Month	Hazardous Waste Name	Co-Processed / Pre-Processed MT

Authorized Signatory

\*\*\*\*\*



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**ANNEXURE I**  
**Format of Form 4**

**FORM 4**  
*[See rules 6(5), 13(8), 16(6) and 20 (2)]*

**FORM FOR FILING ANNUAL RETURNS**  
[To be submitted to State Pollution Control Board by 30<sup>th</sup> day of June of every year for the preceding period April to March]

1. Name and address of facility.
2. Authorisation No. and Date of issue.
3. Name of the authorised person and full address with telephone, fax number and e-mail.
4. Production during the year (product wise), wherever applicable

**Part A. To be filled by hazardous waste generators**

1. Total quantity of waste generated category wise
2. Quantity dispatched
  - (i) to disposal facility
  - (ii) to recycler or co-processors or pre-processor
  - (iii) others
3. Quantity utilised in-house, if any -
4. Quantity in storage at the end of the year -

**Part B. To be filled by Treatment, storage and disposal facility operators**

1. Total quantity received -
2. Quantity in stock at the beginning of the year -
3. Quantity treated -
4. Quantity disposed in landfills as such and after treatment -
5. Quantity incinerated (if applicable) -
6. Quantity processed other than specified above -
7. Quantity in storage at the end of the year -

**Part C. To be filled by recyclers or co-processors or other users**

1. Quantity of waste received during the year -
  - (i) domestic sources
  - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year -



A handwritten signature in blue ink.



महाराष्ट्र MAHARASHTRA

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DA 864047



27 JAN 2025  
जिल्हाधिकारी कार्यालय  
जिल्हाधिकारी कार्यालय

THIS STAMP PAPER FORMS AN INTEGRAL PART OF MEMORANDUM OF UNDERSTANDING ENTERED INTO ON 03rd FEBRUARY 2025 BETWEEN AARTI INDUSTRIES LIMITED AND M/S. B A CONSTRUCTION WITH MANOJSINH HAMIRSINH PARMAR AS THE SOLE PROPRIETOR.



For B A CONSTRUCTION

*Manojsinh*  
Proprietor

જોડપત્ર - ૨

28 JAN 2025

मुद्रांक विहीन नौदली शङ्कुसंक्रांक 764128 दिनांक

दस्तावेज प्रकार: \*\*\*\*\*

दस्तावेजों की संख्या : १०५/२४

.....EARTH INDUSTRIES LTD

ਸੁਪਰੀਮ ਕੋਰਟ ਦੇ ਜੱਜਾਂ ਦੇ ਨਾਂ

हल्ली कसल्याही नांव, पक्षा .....

सही

इसका पता है कि

रुद्रोक्तं रुद्रोक्तम्

संस्थानाध्यक्ष महोदय, ११३४६० पत्नी-

40. State Capitalism

सुदामा विद्यापीठ शिक्षण/प्रशिक्षण केंद्र, मुंबई

電話號碼: 9209039

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी, मुद्रांक खरेदी केल्यापासून ६ महिन्यात वापर बंधनकारक आहे.

For B A CONSTRUCTION

NK 4704

**Proprietor**





महाराष्ट्र MAHARASHTRA

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THIS STAMP PAPER FORMS AN INTEGRAL PART OF MEMORANDUM OF UNDERSTANDING ENTERED INTO ON 03rd FEBRUARY 2025 BETWEEN AARTI INDUSTRIES LIMITED AND M/S. B A CONSTRUCTION WITH MANOJSINH HAMIRSINH PARMAR AS THE SOLE PROPRIETOR.



For B A CONSTRUCTION

*Manojsinh*  
Proprietor

जोडपत्र - २

मुद्रांक मिळी नोंदवली अमुकजांक १७५१७ दिनांक

28 JAN 2025

रखतया प्रकार

करवावरीची करपासून काढता का ? - हो / नाही

पेन्शन सोडणे सोडत का ?

मुद्रांक दिवस किती दिवस आहे

AARTI INDUSTRIES LTD.

10 DYOG KSHETRA 1000

हल्ली करवावरीची करपासून काढता का ?

1000 MARC 2025

हल्ली

LINK ROAD, AARTI INDIA

मुद्रांक करवावरीची करपासून काढता का ?

मुद्रांक करवावरीची करपासून काढता का ?

करवावरीची करपासून काढता का ?

ही. रॉड नॉलेबल प्लॉट

मुद्रांक दिवस किती दिवस आहे

रखतया संजांक - १२०१०२१

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी, मुद्रांक खरेदी केल्यापासून ६ महिन्यात वापर बंधनकारक आहे.

For B A CONSTRUCTION

M. R. R.

Proprietor

### Memorandum of Understanding

This Memorandum of Understanding (hereinafter referred to as "MoU") is made and entered into on this 3rd day of January 2025 (hereinafter referred to as the "Effective Date")

#### BY AND BETWEEN

**AARTI INDUSTRIES LIMITED**, a company incorporated under the laws of India, having its registered office at PLOT NO 801, 801/23 GIDC ESTATE PHASE III, VAPI, Gujarat, India, 396195 and also having its corporate office at 402, 4th Floor, Tower C, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West), Mumbai - 400 083, Maharashtra, India (hereinafter referred to as the "**Generator**") (which expression shall, unless repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the **One Part**;

#### AND

**Mr. MANOJSINH HAMIRSINH PARMAR**, Indian Inhabitant, the sole proprietor carrying on business in the name and style of **M/s B A CONSTRUCTION**, residing /carrying on business at 511, 7X Empire, Tavra Road, Near Zadeshwar Chokdi, Bharuch, Gujarat - 392011, India hereinafter referred to as "**Utilizer**", (which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include his successors and permitted assigns) of the **Other Part**;

**Generator and Utilizer** are hereinafter individually referred to as "**Party**" and collectively as "**Parties**"

#### IT IS HEREBY MUTUALLY AGREED BETWEEN THE PARTIES AS UNDER

SR. NO	CLAUSE	PARTICULARS
1.	RECITALS	A. Generator is engaged in the business <i>inter alia</i> of manufacturing, distribution and sales of speciality chemicals and related downstream products; B. Utilizer is engaged in the business of <i>inter alia</i> manufacturing of paver blocks; C. Generator generates the Product ( <i>as defined below</i> ) as a waste material during their manufacturing process and has approached the Utilizer for the safe disposal of the same as per applicable rules and laws at the Utilizer's facility.
2.	PROPOSED TRANSACTION	The Utilizer has been evaluated and selected for receiving the Product generated from the manufacturing site of the Generator located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch, Gujarat (" <b>Manufacturing Site</b> ") and will execute safe disposal of the same as per applicable rules and laws.
3.	BINDING NATURE	This MOU is binding on the Parties during the Term hereto.
4.	PRODUCT	" <b>Product</b> " shall mean Fly ash that is being transferred to the Utilizer's facility for safe disposal as per the Fly Ash Notification 1999 and its subsequent amendments thereof.
5.	QUANTITY	11680 MT/Year as per the Consolidated Consent & Approval (" <b>CC&amp;A</b> ")
6.	CC&A Validity	The CC&A is valid till 19.05.2028.
7.	DELIVERY TERMS	1. Parties agree that pickup of the Product from the Generator's facility to the Utilizer's Facility for transportation will be the responsibility of the Utilizer.

For B A CONSTRUCTION

*Manoj*

Proprietor



		<ol style="list-style-type: none"> <li>Utilizer shall provide suitable dumpers/trucks or any other transit vehicles (Vehicles) as per the specifications, if any, prescribed by any government authority to Generator for transporting the Product to the Utilizer's unit at the cost of Generator in compliance with all applicable laws of India. The pricing will be agreed upon on mutual discussion of the Parties on PO basis.</li> <li>Utilizer shall use AIS-140 compliant Global Positioning System (GPS) enabled dumpers or trucks and shall ensure API development of GPS of all the vehicles with Aarti Logistics Control Room (ALCR) before engaging in the services.</li> <li>Utilizer shall comply with Motor Vehicle Act and Rules framed thereunder for carrying hazardous chemicals/waste.</li> </ol>
8.	<b>Generator ROLES &amp; RESPONSIBILITIES</b>	<p>Key Roles &amp; Responsibilities of Generator are:</p> <p>Generator shall keep record of inventory of Product generation, disposal &amp; stock (as applicable) and shall make inventory available for inspection as per the Fly Ash Notification 1999 and its subsequent amendments thereof.</p>
9.	<b>Utilizer ROLES &amp; RESPONSIBILITIES</b>	<p>Key Roles &amp; Responsibilities Utilizer of are:</p> <ol style="list-style-type: none"> <li>The Utilizer shall ensure that the vehicle shall be dedicated for transportation of Product and shall not be used for any other purposes.</li> <li>Utilizer should maintain necessary labels/markings of vehicle carrying the Product at all times as required by Motor Vehicle Act, 1988 and Motor Vehicle Rules, 1989 framed thereunder for carrying such waste.</li> <li>The Utilizer shall ensure that the vehicle shall be dedicated for transportation of Product and shall not be used for any other purposes.</li> <li>The Utilizer shall ensure the cleaning of vehicles carrying Product shall be carried out at a designated place in Utilizer's facility.</li> <li>The Utilizer shall keep record of inventory of Product received, disposal &amp; stock (as applicable) and shall make inventory available for inspection as per the Fly Ash Notification 1999 and its subsequent amendments thereof.</li> <li>The Utilizer shall be responsible in case of any illegal disposal of Product during the transportation and shall safely transport the Product from the premises of the Generator till the premises of the Utilizer.</li> <li>The Utilizer shall follow and comply with requirements of guidelines/checklists formulated by the Generator.</li> <li>The Utilizer shall ensure written communication to Generator through mail for acceptance of Hazardous Waste within one (1) day of receiving it at their premise.</li> <li>The Utilizer shall not exceed the permitted/applied quantity of Hazardous Waste from all Generators.</li> <li>Transporter selection by Utilizer shall be as per the applicable Environment Protection Act, 1986, Motor Vehicles Act, 1948, and its relevant notifications, rules and regulations.</li> </ol>
10.	<b>UTILIZER REPRESENTATION</b>	<p>Utilizer has represented and assured Generator that it has all the statutory approvals and permits for operating such a Product processing unit in an environmentally compliant manner and possess the necessary skills, manpower, knowledge and ability to do so.</p>



For B A CONSTRUCTION

*M. Kumar*  
Proprietor

11.	FORCE MAJEURE	<ol style="list-style-type: none"> <li>1. This MoU and its performance shall be subject to Force Majeure. For the purpose of this clause <b>Force Majeure</b> shall mean and include any act of God, flood, explosion, earthquake, cyclone, storm, tidal wave, drought, landslide or similar disturbance, sabotage, fire, accident, insurrection, terrorist attack, fire, explosion, hurricane, tempest, embargo, landslide, perils at the sea, transporters strike, riot, plant breakdown, blockage, machinery breakdown confiscation, embargo, pandemic, epidemic, a law in change in law or order of any judicial/statutory/administrative/local authority or body, change in any act, order, proclamation, decree, war, strike, lock-out including at plant or mines, quarantine, in or other acts of God or any other event beyond the reasonable control, civil commotion regulation, ordinance, instruction, directives of government, and any other events beyond reasonable control of the Parties. ("Force Majeure").</li> <li>2. Either Party affected by Force Majeure shall be temporarily relieved from their obligations during the period of time such Force Majeure events continue and to the extent their liabilities are affected shall stand suspended and shall notify other Party of the same. Parties agree that Force Majeure shall not in any manner absolve each of them from their subsisting and continuing obligations under the MoU which are not affected by Force Majeure.</li> <li>3. If an event of Force Majeure continues for more than 30 (thirty) calendar days, then Parties shall amicably discuss a way forward, including extending the Term.</li> </ol>
12.	TERM	This MoU shall come into effect on the Effective Date and shall, unless mutually extended in writing by the Parties, stand terminated on the completion of two (02) years from the Effective Date. ("Term").
13.	TERMINATION	<ol style="list-style-type: none"> <li>1. Generator may terminate this agreement upon thirty (30) days prior notice to the Utilizer.</li> <li>2. Either party reserves the right to suspend or terminate this MOU in the event of the other Party committing any breach/violation of the condition of the present MOU or any provision of applicable law or regulation for the time being in force and such party fails/neglects to remedy the breach within 30 days of such notice.</li> <li>3. Additionally, the Generator may terminate this MOU with immediate effect if the Utilizer is adjudged as insolvent or is subject to bankruptcy or insolvency or has receiver appointed upon its assets, or subject to any judicial enquiry or investigation for breach of applicable laws on anti-corruption, anti-bribery or money laundering or otherwise, or subject to any litigation, the outcome of which is likely to have a material adverse effect on this.</li> </ol>




For B A CONSTRUCTION

*M. Kumar*  
Proprietor



14.	<b>INDEMNITY BY UTILIZER</b>	The Utilizer shall defend, indemnify and save harmless directors, employees and agents of Generator against any and all direct claims, demands, fines, loses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of any act or omission, breach or nonconformance by the Utilizer with respect to the provisions contained in this MOU or any statutory non-compliance.
15.	<b>GOVERNING LAW AND JURISDICTION</b>	This MoU shall be governed by, and construed in accordance with the laws, rules and regulations of India as amended or modified from time to time. ( <b>Applicable Laws</b> ). The High Court at Ahmedabad, India shall have sole and exclusive jurisdiction to try and entertain any disputes which may arise between the Parties.
16.	<b>DISPUTE RESOLUTION</b>	<p>Any dispute or differences under or in relation to this MoU or its interpretation thereof shall be amicably resolved by the Parties within a period of thirty (30) days from the date of reference of the dispute by one Party to another. In the event the Parties fail to amicably resolve the dispute within the aforesaid period, such dispute/difference shall be referred to and resolved by binding arbitration of a sole arbitrator appointed in accordance with the Rules of the Mumbai Centre of International Arbitration ("MCIA Rules"), which MCIA Rules are deemed to be incorporated by reference into this Clause. The seat or legal place /venue of arbitration shall be at Ahmedabad. The language to be used in the arbitral proceedings shall be English.</p> <p>The Parties agree to this mode of dispute resolution to be replicated in detail in the definitive Term Sheets.</p>

IN WITNESS WHEREOF, the Parties have executed this MoU through their authorized representatives on the date and year first hereinabove mentioned.

<b>SIGNED AND DELIVERED</b> by the within named <b>AARTI INDUSTRIES LIMITED</b> through its Authorized Signatory  Ms. Sandhya Tolat	   Ms. Sandhya Tolat <b>For AARTI INDUSTRIES LIMITED</b> <b>(General Counsel &amp; Authorized Signatory)</b>
<b>SIGNED AND DELIVERED</b> by the within named <b>M/s B A CONSTRUCTION</b> through its Authorized Signatory  Mr. Manojsinh Hamirsinh Parmar	<b>For B A CONSTRUCTION</b>  <b>Proprietor</b> Mr. Manojsinh Hamirsinh Parmar <b>For M/s B A CONSTRUCTION</b> <b>(Authorized Signatory)</b>





**BEIL INFRASTRUCTURE LIMITED**  
(formerly known as Bharuch Enviro Infrastructure Limited)

15<sup>th</sup> MAY, 2020

To,  
**AARTI INDUSTRIES LTD. – DAHEJ**  
PLOT NO.Z/103/H,  
DAHEJ SEZ - II,  
TAL: VAGRA,  
DAHEJ.

**Sub : Membership Certificate for Common Incineration Facility**

Dear Sir,

You are a member of our Common Incinerator Facility and your membership No. is **CI/BD/94**. We hereby certify that your booked quantity has increased from **40 MT / Year** to **140 MT / Year**.

Thanking you,

Yours faithfully,

**For, BEIL Infrastructure Limited**  
**(Formerly Known as Bharuch Enviro Infrastructure Ltd)**

  
**AUTHORISED SIGNATORY**



## GEO CLEANER LLP

Promoting a Healthy Environment

Site Address:  
Survey No-94, P.O : Pratapnagar,  
Savli-Jarod Road, Vadodara,  
Gujarat, India-391121

CIN No: AAQ-9488  
GST IN: 24AAUFG6632J1Z2

Reg. Office:  
Tower H-402, Aaruni Residency,  
Village- Bill, Taluka- Vadodara,  
Vadodara, Gujarat, India- 391410

W : [www.geocleanerllp.com](http://www.geocleanerllp.com)  
E : [customer@geocleanerllp.com](mailto:customer@geocleanerllp.com)

Ref No: GCL/MC/0823/0109

Date: 18.08.2023

To,

M/s. Aarti Industries Limited

Plot No: Z/103/H,

Dahej SEZ-II, Ta: Vagra, Dist.: Bharuch.

Subject: Membershi Certification for Pre- rocessin Facility.

Dear Sir,

We hereby certify that you have become member of the Pre-processing facility of Geo Cleaner LLP,  
sulted at Survey No-94, P.O: Pratapnagar, Savli-Jarod Road, Savli, Vadodara.

This certificate is valid up to 27.07.2025.

Thanking You

For, Geo Cleaner LLP



**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref. BEIL/ANK/2024

08<sup>TH</sup> MARCH, 2024

To,  
**AARTI INDUSTRIES LTD. - DAHEJ (NEO DIV - 41201)**  
PLOT No. Z/103/H,  
DAHEJ SEZ - II,  
TAL: VAGRA, DAHEJ.

**Sub: Provisional Membership Certificate for Common Solid Waste Disposal Facility.**

Dear Sir,

We hereby certify that you have become member for **5 years up to 07/03/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.), at GIDC, Dahej. You have booked solid waste quantity of **2595 MT/Years**. Your Membership No. is **OTH/653**.

Waste will be accepted after submitting valid authorization of GPCB.

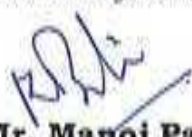
- 1) Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) Total Consented Capacity: 1900000 MT**
- 3) Total Occupied Capacity: 1288547.609 MT**
- 4) Spare Capacity: 0611452.391 MT**

Thanking you,

Yours faithfully,

**For BEIL Infrastructure Limited.**

(Formerly Known as Bharuch Enviro Infrastructure Limited.)

  
**Mr. Manoj Patel**  
**(Vice President - Operations)**



**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref. BEIL/ANK/2024

08<sup>TH</sup> MARCH, 2024

To,  
**AARTI INDUSTRIES LTD. - DAHEJ (NEO DIV - 41201)**  
PLOT No. Z/103/H,  
DAHEJ SEZ - II,  
TAL: VAGRA, DAHEJ.

**Sub: Provisional Membership Certificate for Common Solid Waste Disposal Facility.**

Dear Sir,

We hereby certify that you have become member for **5 years up to 07/03/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.), at GIDC, Dahej. You have booked solid waste quantity of **2595 MT/Years**. Your Membership No. is **OTH/653**.

Waste will be accepted after submitting valid authorization of GPCB.

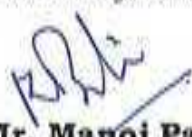
- 1) Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) Total Consented Capacity: 1900000 MT**
- 3) Total Occupied Capacity: 1288547.609 MT**
- 4) Spare Capacity: 0611452.391 MT**

Thanking you,

Yours faithfully,

**For BEIL Infrastructure Limited.**

(Formerly Known as Bharuch Enviro Infrastructure Limited.)

  
**Mr. Manoj Patel**  
**(Vice President - Operations)**



# Certificate

Certificate No: CPAW1A0046

*To Whomsoever it may concern*  
*This is to certify that*  
**AARTI INDUSTRIES LTD (DAHEJ UNIT)**

PLOT NO-Z/103/H,  
DAHEJ SEZ-II,  
TA-VAGRA,  
DAHEJ

*is a valid member of*  
**Recycling Solutions Private Limited**

*for Alternate Fuel Resource Facility.*  
*This membership is valid for a period of*  
**10 Years**

*Date of issue* : 18/01/2017  
*Date of expiration* : 17/01/2027  
*Place of issue* : Panoli

*For, Recycling Solutions Private Limited*  
*Director/Authorised signatory*

Waste Information :					
SrNo	Type Of Waste	Sign Qty (TPA)	SrNo	Type Of Waste	Sign Qty (TPA)
1	PROCESS WASTE	600,000			
Total Sign Qty (TPA) :					600,000

SUBJECT TO BHARUCH JURISDICTION



## Dahej SEZ Limited

Block No.14, 3rd Floor, Udyog Bhavan,  
Sector-11, Gandhinagar-382017, Gujarat, India  
Phone : + 91-79-23241590, 29750838  
Fax : (079) 23241736  
e-mail : ceo@dahejsez.com, info@dahejsez.com  
website : www.dahejsez.com  
CIN : U45209GJ2004PLC044779  
GSTIN : 24AACCD8098E3ZJ

DSL/RoU/Aarti Industries/2019/ 9/34

09-10-2019

To

✓ Aarti Industries Ltd.  
Plot No. Z-103/H,  
Dahej SEZ Part-2,  
Dahej, Dist : Bharuch.

Dear Sir,

We are sending herewith copy of 'RoU Agreement' executed on 30-09-2019  
for lying steam pipe rack from plot no. Z-103/H to plot no. Z-111/B in Dahej  
SEZ area.

Thanking You,

Yours Faithfully,

Asst. Manager  
(Secretariat & Administration)

Encl: As above

C. C. : Manager (Infra), Dahej SEZ Ltd., Dahej



सत्यमेव जयते

**INDIA NON JUDICIAL**  
**Government of Gujarat**  
**Certificate of Stamp Duty**

Certificate No. : IN-GJ21581913577336R  
Certificate Issued Date : 16-Sep-2019 11:21 AM  
Account Reference : IMPACC (FI)/ gjelimp10/ BHARUCH/ GJ-BH  
Unique Doc. Reference : SUBIN-GJGJELIMP1086302436330208R  
Purchased by : AARTI INDUSTRIES LTD  
Description of Document : Article 5(h) Agreement (not otherwise provided for)  
Description : FOR AGREEMENT  
Consideration Price (Rs.) : 0  
(Zero)  
First Party : AARTI INDUSTRIES LTD  
Second Party : DAHEJ SEZ LTD  
Stamp Duty Paid By : AARTI INDUSTRIES LTD.  
Stamp Duty Amount(Rs.) : 300  
(Three Hundred only)



**SIR** 0000584130

**Statutory Alert:**

1. The authenticity of this Stamp Certificate should be verified at 'www.aficstamp.com'. Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



## AGREEMENT

### ROU agreement for laying steam pipe rack from plot no. Z-103/H to Plot no. Z/111/B in Dahej SEZ area.

This Indenture is made on the 30<sup>th</sup> day of September (month) Two Thousand Nineteen between

**Dahej SEZ Ltd. (DSL)** (A company incorporated under the companies Act, 1956) and having its registered office at Block No.14, 3<sup>rd</sup> Floor, Udyog Bhavan, Sector-11, Gandhinagar-382017, Gujarat, India (hereinafter referred as "DSL" which expression shall, unless excluded by or repugnant to the context, include its successor and assignees) of the one part

And

**Aarti Industries Ltd.** (A company incorporated under Companies Act.1956) and having its Registered office at Plot No. 801,801/23, IIIrd Phase, GIDC Vapi-396195. Gujarat, India (hereinafter referred to as "The Company/allottee" which expression shall, unless excluded by or repugnant to the context, include its successors and assignees) of the other part.

Whereas the allottee/company applied to Dahej SEZ Ltd. (DSL) for permission to lay Steam pipe rack in Dahej SEZ area . The said permission has been granted by Dahej SEZ Ltd. subject to terms and conditions as under:-

NOW THIS INDENTURE WITNESSETH AS FOLLOWS:-

- 1 AIL has obtained approval of DSL, vide letter no DSL/RoU/Aarti Industries/1296/2177 dated 29-05-2019.
- 2 AIL has obtained permission from the SEZ Development Commissioner/BOA as required, Vide letter no. F.2/4/2019-SEZ dated 20.08.2019, DAHEJ-SEZ/II/29/ASLLP/2011-12/2846 dtd.16.08.2019 and DAHEJ-SEZ/II/29/ASLLP/2011-12/2869 dtd.27.08.2019
- 3 AIL is to obtain all statutory clearances as may be required especially GPCB, environmental clearance, CRZ clearance if applicable, Safety requirement etc.
- 4 The work will be executed by AIL in consultation with DSL, Dahej office and guidelines issued in this respect for laying of Steam pipe rack as may be required, crossing of roads, provision of pacca storm water drain, Water supply line etc.





- 5 The terms and conditions mentioned in the approval letter issued by DSL vide letter no. DSL/RoU/Aarti Industries/1296/2177 dated 29-05-2019 become part of this agreement and must be binding to M/s. AIL.
- 6 All road crossings / Approach of unit shall be carried out As per the instruction given by DSL time to time. M/s.AIL has to submit the drawing for crossing of SEZ Road / Approach of Unit and work of crossing will be done only after written approval of DSL. The instruction given by DSL must be binding to AIL. All costs for doing this activity have to be borne by AIL.
- 7 Before laying the steam pipe rack, a trial pit is to be made to know the exact location of existing underground services within SEZ area. M/s. AIL has to take care for the existing services within SEZ area. M/s. AIL has to contact concern authority for necessary guidance/information/approval. If any damage occurred during execution of works then same shall be attend by M/s.AIL immediately and cost for the same shall be borne by M/s. AIL. The damage area shall be restored as per methodology suggested by concern authority/DSL. AIL has to pay compensation if claim by concern authority for any financial loss.
- 8 After completion of trial pits at site, exact route for laying steam pipe rack will be shown by DSL at the time of execution by M/s. AIL. During execution, if for any reason route of steam pipeline rack required to be changed, the alignment of steam pipeline rack will have to be modified accordingly.
- 9 M/s. AIL has to cross the existing/proposed services as per the methodology suggested by concern authority/DSL and cost for the same shall be borne by M/s. AIL.
- 10 M/s. AIL has to keep safe guard distance from the existing/proposed services as per the safety standards/norms of the concern authority/ I.S.
- 11 During execution of works, M/s. AIL must ensure that no damage will be occurred to any property/services etc in SEZ. If any damage occurred than same shall be rectified/ restored by M/s. AIL at their own cost as desired by DSL/Concern authority.
- 12 DSL reserved the right to lay any underground or overhead services within ROU area.
- 13 Depth of foundation shall be kept in such a way that there must be clear height (Min. 3 Mtr) available from top of foundation to enable DSL to lay any other underground services if required.
- 14 M/s. AIL will have to make the ground level as it is and for road and other properties of Dahej SEZ Ltd. in the said proper condition at their cost. All expenditure in this regard will be borne by M/s. AIL.
- 15 The area mentioned in the permission letter is tentative as approved by DSL. However final area will be worked out based on the actual measurement that will be made at site jointly by DSL and M/s. AIL. M/s. AIL will be required to make additional payment if so required.





- 16 The Steam Pipeline rack should be checked by M/s. AIL at regular intervals as per safety standard and report should be submitted to DSL & concern authority. If any damage found in steam pipeline rack , it must be attended immediately by M/s. AIL.
- 17 For whatsoever reason if DSL want the shifting of the steam pipeline rack , the same shall be done by M/s. AIL at their risk and cost and in time as may be ordered by DSL.
- 18 DSL/GIDC/ Co-Developers/ SEZ Units will not take any permission for crossing of AIL steam pipeline rack or any work in/around AIL pipeline/ Rou area. Also, no charges is to be paid to M/s. AIL for any crossing or any activities in/around AIL RoU. M/s. AIL has to depute the competent person during execution of work by DSL/GIDC/Co-developer/SEZ Unit for supervision to avoid any damage to M/s.AIL pipeline M/s.AIL will depute the person without levy of any Charges.
- 19 M/s. AIL shall have no right / interest whatsoever in or over the said road / road side land / corridor land, except merely the license to enter upon the same for the purpose of carrying out necessary operation.
- 20 M/s. AIL shall at its own expenses maintain Steam Pipeline rack in a proper condition, or repairs and make good immediately damage which might be caused to surface of the road/road side land / any services or to other DSL property to the entire satisfaction of the Chief Executive Officer or his representative authorized in this behalf.
- 21 M/s. AIL has to submit the **As Built Drawings** after completion of works. (2-set in Hard copy + 2 set in soft copies).
- 22 When DSL/GIDC and co-developers lay new service line/ lines, or carry out maintenance work for water supply, roads, drainage, electricity etc. M/s. AIL shall liaise to ensure safe working practices to avoid any damage. M/s. AIL shall promptly depute their representative during execution of work, if required, and so directed by DSL. Failing to comply the above by Allottee/ M/s. AIL, DSL shall not be held responsible in any manner whatsoever.
- 23 Any hazardous incidence as may be caused which could be directly attributed to the economy to that context the same shall be the responsibility of the allottee/ M/s. AIL and compensation if any as may be arising out of such hazardous shall be on the account of the M/s. AIL.
- 24 All safety measures/norms must be followed by M/s. AIL.
- 25 M/s. AIL shall be solely liable for any loss/ injury/death which any person may sustain by reason of any defect in or want of any activity/repairs to any of its pipeline, or as a result of any carelessness or negligence or misconduct of its employees in the erection, setting up of Steam Pipeline rack and use thereafter. M/s. AIL has to pay all compensation against any claim/demand/liability. DSL shall not be held responsible to pay any compensation.





- 26 In the event of any loss of damage to life or property of any one or more persons as a direct result of M/s. AIL activities under this agreement, the same shall be responsibility of the M/s. AIL and M/s. AIL will have to make good the same/ pay compensation at his own risk and cost.
- 27 All damage and losses present and future caused as a direct result of company's activities under this agreement due to this permission shall be made good by the company.
- 28 The annual rent as may be fixed by DSL will be recovered in advance for every year, as indicated in the allotment letter No.: **DSL/RoU/Aarti Industries/1296/2177 dated 29.05.2019.**
- 29 As and when annual rent or any amount payable by M/s. AIL / allottee under this permission shall be in arrears of land revenue without prejudice to any other remedies which may be open to DSL.
- 30 DSL shall not be responsible for any damage to Steam Pipeline rack in any case. M/s. AIL has to make their own arrangement for safety/security of Steam Pipeline rack.
- 31 On the failure of the Allottee/ M/s. AIL to observe any of the conditions of this agreement, DSL shall be at liberty to disconnect/remove the Steam Pipeline rack for utilities without any notice. In case of other reasons, DSL will be given 30 days' notice to the allottee/ M/s. AIL mentioning reasons. If the allottee/ M/s. AIL fail to comply, on the expiry written notices period, including extension if granted DSL shall be at liberty to remove Steam Pipeline rack for utilities at it is discretion and the allottee/ M/s. AIL shall be liable for the expenses incurred by the DSL including restoration charges.
- 32 DSL shall be at all times at liberty to terminate this agreement and no compensation on any account of the termination of the agreement would be paid to M/s. AIL.
- 33 The initial permission will be for a period of 5 years and thereafter, DSL may extend it for an appropriate period on ensuring regular annual payment of the ROU rent as per the policy of DSL from time to time and compliances of all conditions.
- 34 The ROU area shall be maintain in good condition. All unwanted grass, vegetables, bushes etc shall be clean at regular interval to avoid any fire incident/ accident.
- 35 M/s.AIL has to execute the work without disturbing/damaging the green belt/ tree plantation area. If any green belt area damage then it shall be restored as per the direction given by DSL time to time.
- 36 On any difference of opinion between M/s. AIL and DSL, the decision of Chief Executive Officer, DSL shall be final and binding to DSL and M/s. AIL.
- 37 M/s. AIL has to follow the rules and regulation prevailing in SEZ area.



The party shall bear the cost of preparation of agreement, stamp duty execution of the agreement.

In witness thereof DSL has authorized Chief Executive Officer / Manager (Infra) Dahej SEZ Ltd. to set his hand and the seal of his office hereto and

Signed sealed and delivered and have set their hands and the seal of the company has been affixed on the day and year first above written.

SIGNED, SEALED AND DELIVERED

By Shri S. N. Patel.

Chief Executive Officer / ~~Manager (Infra)~~

Dahej SEZ Limited

Signature



In the Presence of

1. Anil Bhatnagar

(Anil Bhatnagar)

2. Shreshtha Ghemseyar

(Shreshtha Ghemseyar)

SIGNED, SEALED AND DELIVERED

On behalf of Aarti Industries Ltd. and the common seal of the company has been affixed



In the Presence of

1. Rakesh Patel

(Rakesh Patel)

2. Pranav Bhatt

(Pranav Bhatt)

# 3.0 NOISE LEVEL MONITORING REPORT



**Period: September - 2025**

**FOR**

**M/s. Aarti Industries Limited.  
(Neo SEZ Unit)**

**At**

**Plot No. Z/103/H, Dahej SEZ Part-II,  
Tal. Vagara, Dist. Bharuch,  
Dahej-392 130, Gujarat, India**

**Monitoring Organization**



Plot No. 51, Vibrant Business Park,  
NH No. 48, GIDC, Vapi - 396 105,  
Dist-Vasad (Gujarat), India  
Phone : +91 260 2439600 / 2425610  
Email : response@uئر.in Website : www.uئر.in

MoEF&CC Recog. Environmental  
Laboratory under The EPA, 1986  
(07.04.2015 to 29.03.2028)

NABL (ISO/IEC 17025:2017) Accredited  
Testing Laboratory (TC-15345)  
(22.01.2025 to 22.09.2026)

QCI-NABET Accredited EIA & CW  
Consultant Organization

GPON Recognized  
Environmental Auditor (Sch-4)

ISO 9001 : 2015  
Certified Company

ISO 45001 : 2018 Certified  
OHS Management System



### TEST REPORT AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/25/09/AIL-1/N-001	Date of Report:	04/10/2025
Name & Address of Industries	<b>M/s. AARTI INDUSTRIES LTD (Unit-1).</b> Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	<b>Ambient Noise</b>		
Sampling Method	<b>IS: 9989: 1981</b>		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	01/02/2025	31/01/2026

**Date of Monitoring:** 10/09/2025

**Result:** -

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	62.4	57.5	75 dB (A)	70 dB (A)
2.	Near Material Gate	63.4	56.2	75 dB (A)	70 dB (A)
3.	Near Boiler	68.6	61.5	75 dB (A)	70 dB (A)
4.	Near ETP	66.5	62.2	75 dB (A)	70 dB (A)
5.	Near MEA Plant	71.1	66.4	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	70.2	64.8	75 dB (A)	70 dB (A)

**Note:** Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

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

**Checked By:**



**Ankur R. Patel**  
(Supervisor)



**Authorized By:**



**Jaivik S. Tandel**  
(Manager - Operations)



Coal Handling Guideline Compliance		
Sr. no.	Content	Compliance
<b>(A) Location criteria</b>		
1.	Coal handling unit/Agency shall not use any agriculture land and shall be located at a minimum distance of 250 meters away from the surrounding agricultural land.	<p>Complied.</p> <p>The unit is already located at a minimum distance of 250 meters away from the surrounding agricultural land.</p> <p>Our unit is in the Special Economic Zone area.</p>
2.	Government waste land not suitable for any agricultural purpose meeting with the requisite siting / distance criteria shall be preferred for establishing coal handling units.	<p>Complied.</p> <p>Our unit is in the Special Economic Zone area.</p>
3.	Coal handling unit/Agency shall be minimum 500 meters away from the residential area, school/colleges, Historical Monuments, Religious Places, Ecological sensitive area as well as forests area.	<p>Complied.</p> <p>There is no residential area, school/colleges, Historical Monuments, Religious Places, Ecological sensitive area of 500 m radial distance from the project site.</p>
4.	Coal handling unit/Agency shall be located at a minimum 500 meters away from the Railway line, Expressways, National Highways, State ways and District Roads and from water bodies like River, Nala, Canal, Pond etc.	<p>Complied.</p> <p>There is no Railway line, Expressways, National Highways, State ways and District Roads and from water bodies like River, Nala, Canal, Pond of 500 m radial distance from project site..</p>
5.	In case of coal handling activities at the ports and jetties or extension thereof, the distance and land use criteria may be relaxed and compensated by advanced/sophisticated pollution control measures and mechanization & thick plantation, however all such ports and jetties, where coal handling is carried out, shall provide closed conveyor belt and mechanization for handling of coal.	<p>Complied.</p> <p>Our unit is not carrying out coal handling activities at the ports and jetties or extension thereof.</p>
<b>(B) Storage and handling criteria</b>		
6.	Coal handling unit/Agency shall store coal in such a way that coal heap should not be higher than 5 meter and clear distance between two adjoining heaps at G.L. should be 5 meters, so that in case of fire, approach is available.	<p>Complied.</p> <p>Unit has store coal in such a way that coal heap should not be higher than 5 meter and clear distance between two adjoining heaps at G.L. should be 5 meters as shown in below photoes.</p>



		 <p><b><u>New Coal Storage Yard</u></b></p>  <p><b><u>Old Coal Storage Yard</u></b></p>
7.	There should be mechanized loading/ unloading system from the loading /unloading area to the stacking yards and into the vehicles.	<p>Complied.</p> <p>Unit ues Mechanical Loader for loading/ unloading of Coal.</p>
8.	Coal handling unit/Agency shall take all corrective steps to resolve the issue of air pollution at permitted coal storage/handling area where coal is being stored.	<p>Complied.</p> <p>Unit has installed dust curtains surrounding the coal yard for control of dust dispersion during unloading and loading activity.</p>



		<div> </div> <div> <p><b><u>Dust curtains</u></b></p> </div> <div> <p>Unit has also installed a enclosed Good Lift for handling of material in a closed loop system.</p> </div> <div> </div> <div> <p><b><u>Enclosed Good Lift</u></b></p> </div>
<b>(C) Transport criteria</b>		
9.	Coal handling unit/Agency shall ensure that all trucks before leaving the storage yard shall be showered with water with adequate system, Shall be covered with tarpaulin or any other effective measure/device completely and also that trucks are not overloaded as well as there is no spillage during transportation.	<p>Complied.</p> <p>Unit has ensured that all trucks before leaving the storage yard will be showered with water with adequate system, covered with tarpaulin or any other effective measure/device completely and also that trucks are not overloaded as well as there</p>

		is no spillage during transportation.
10.	The vehicle carrying the coal should not be overloaded by raising the height of carriage. Weigh scale shall be provided within the loading area only and port / coal park authority shall ensure that no overloading is done.	Complied. The unit has ensured that the truck is properly covered and is not overloaded.
11.	The top of the vehicle should be covered with fixed cover instead of tarpaulin cover to avoid spillage or dusting of coal.	Complied. The unit has ensured that the top of the vehicle should be covered with fixed cover instead of tarpaulin cover.
<b>(D) Pollution prevention criteria</b>		
12.	Coal handling unit/Agency shall provide paved approach with adequate traffic carrying capacity	Complied.  The unit has Internal concreted roads with adequate traffic carrying capacity. Photograph attached as below.   <p style="text-align: center;"><b><u>Internal concreted roads</u></b></p>
13	Coal handling unit/Agency shall construct compound wall all along the periphery of the premises with minimum 9 meters height	Complied. The unit has a compound wall all along the periphery of the coal storage yard premises with a minimum 9 meters height. Photograph attached below.

		 <p style="text-align: center;"><b><u>Compound wall</u></b></p>
14.	Continuous water sprinkling shall be carried out on the top of the heap at regular intervals to prevent dusting, fire & smoke. To prevent fugitive emissions during loading/unloading, fixed pipe network with sufficient water storage and pump shall be installed. Water sprinkling shall be carried out at each and every stage of handling to avoid generation of coal dust or other dust within premises	<p>Compiled. The Unit has installed Continuous water sprinkling System for preventing dusting, fire &amp; smoke. Photograph attached below.</p>  <p style="text-align: center;"><b><u>Continuous water sprinkling System</u></b></p>
15.	Coal handling unit/Agency shall ensure regular sweeping of coal dust from internal and main road and also ensure that there is adequate space for free movement of vehicles.	<p>Compiled. The unit has ensured regular sweeping of coal dust from internal and main road and also ensured that there is adequate space for free movement of vehicles.</p>
16.	The following adequate Air Pollution Control Measures shall be installed and to be operated efficiently.	<p>Compiled. Unit has installed dust curtains surrounding the coal yard for control of dust dispersion during unloading and loading activity.</p>



	<p>(a) Dust containment cum suppression system for the coal stack,loading and unloading.</p>	 <p><b><u>Dust curtains</u></b></p> <p>Unit has also installed a enclosed Good Lift for handling of material in a closed loop system.</p>  <p><b><u>Enclosed Good Lift</u></b></p>
	<p>(b) Construction of effective wind breaking wall suitable to local conditions to prevent the suspension of particles from the heaps.</p>	<p>Compiled.</p> <p>The unit has constructed a wind breaking wall for preventing the suspension of particles from the heaps. Photograph attached below.</p>

		  <p><b><u>Wind breaking wall</u></b></p>
	<p>(c) Construction of metal road &amp; RCC Pucca flooring in the plot area/godown etc.</p>	<p>Compiled. The unit has constructed RCC flooring in the Coal storage area Which shows condition no.6 photograph.</p>
	<p>(d) System for regular cleaning and wetting of the floor area within the premises.</p>	<p>Compiled. The unit has ensured regular cleaning and wetting of the floor area within the premises.</p>

(e) Entire coal storage area/ godown should be covered with permanent weather shed roofing and side walls i.e., in closed shed, in case of crushing/sieving/grading activity is carried out (i.e. G. I. Sheet) along with adequate additional APCM should be installed.

Compiled.

Entire coal storage area/ godown will be covered with permanent weather shed roofing and side walls.

Photograph attached below.



		<b><u>Coal storage area</u></b>
17.	Coal handling unit/Agency shall carryout three rows plantation with tall growing trees all along the periphery of the coal handling premises, inside & outside of the premises along with road.	<p>Compiled.</p> <p>Unit will carry out three row plantations with tall growing trees all along the periphery of the coal handling premises, inside &amp; outside of the premises along with road. Photograph attached below.</p> <div> </div> <p><b><u>Tree Plantation</u></b></p>
18.	Proper drainage system shall be provided in all coal storage area so that water drained from sprinkling & runoff is collected at a common tank and can be reused after screening through the coal slit or any other effective treatment system.	Compiled.
19.	All the engineering control measures and state of the art technology including covered conveyor belts, mechanized loading and unloading, provision of silo etc. shall be provided in addition to the measures recommended in the environmental guidelines for curbing the pollution.	<p>Compiled.</p> <p>The unit has installed engineering control measures like covered conveyor belts, Dust curtains ,Enclosed Good Lift &amp; fly ash pneumatic conveying system</p> <p>As per environmental guidelines for curbing the pollution. Photograph attached below.</p>







Covered conveyor belts



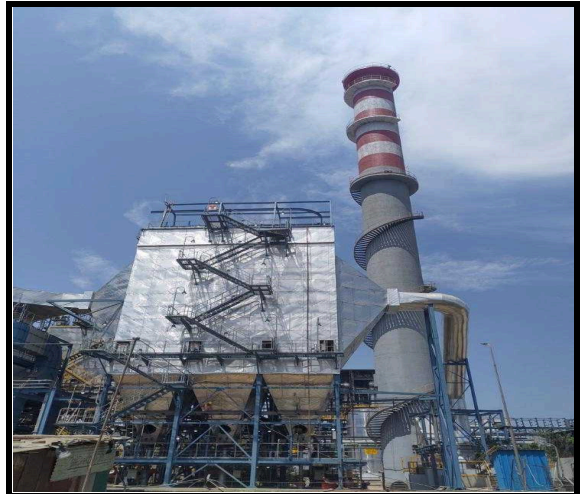
Dust curtains



		 <p><b><u>Enclosed Good Lift</u></b></p>  <p><b><u>fly ash pneumatic conveying system</u></b></p>
<b>(E) Safety requirement</b>		
20.	Coal handling unit/Agency shall provide adequate fire fighting measures to avoid any fire or related hazards including adequate water storage facility, and the premises shall be exclusively used for storage of the coal.	<p>Compiled.</p> <p>The unit has installed adequate fire fighting measures like fire hydrant and sprinkler system to avoid any fire or related hazards. Photograph attached below.</p>

		 <p><b><u>Fire hydrant &amp; Fire extinguisher</u></b></p>  <p><b><u>Sprinkler system</u></b></p>
21.	An onsite emergency plan shall be prepared and implemented by coal handling unit.	<p>Complied.</p> <p>Onsite emergency plan prepared by the unit. Emergency plan submitted and approved by DISH.</p> <p>Unit has conducted periodically Mockdrill on different scenarios and the same as attached as <a href="#">Annexure-1</a></p>
<b>(F) Legal criteria</b>		

22.	Necessary permission from all the applicable regulatory authorities and adequate steps under the provisions of applicable environmental acts/ rules shall be taken.	<p>Complied.</p> <p>The unit is complying with the conditions of Environment Clearance granted by MoEF &amp; CC vide order no. as below.</p> <p>1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013.</p> <p>2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019.</p> <p>3)Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020.</p> <p>4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022.</p> <p>5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024.</p> <p>The unit has submitted a half yearly compliance report for the period of Oct'23 to Mar'24 on 27.05.2024 as reference no. <b>AIL/DHJ/NEO/ENV/2024-25/007</b>.</p> <p>An Acknowledgement copy of the same is attached as <a href="#">Annexure-2</a></p>
23.	Coal handling unit/Agency shall prepare EMP (Environment Management Plan) and implement the same in true spirit and thus maintain overall environment of that area.	<p>Complied.</p> <p>EMP (Environment Management Plan) Compliance report attach as <a href="#">Annexure-3</a></p>
24.	Coal handling unit/Agency shall not carry out the operation of loading/unloading of coal/coal dust at any place, till adequate air pollution control equipment for dust control/suppression are installed and efficiently operated and the consent under the provisions of Air (Prevention & Control of Pollution) Act, 1981 is obtained by the coal yard owners/ Coal handling unit/Agency / coal importers.	<p>Complied.</p> <p>Unit has followed the Solid Fuel guideline framed by the Board and installed APCM as per guideline.</p> <p><b>APCM:-</b></p> <p>PCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area</p>



**3 stage ESP and 76 m stack attached to boiler**



**Silo installed for fly ash storage and dusting free truck loading**



**Automated Lime feeding system for controlling SOx commission.**

25.	<p>Coal handling unit/Agency shall operate continuous Ambient Air Quality Monitoring Stations as per CPCB guideline. The results of parameters like SPM, RSPM, and SO<sub>2</sub> and NO<sub>x</sub> shall be submitted to the SPCB three months.</p>	<p>Compiled.</p> <p>Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB</p> <p>Photos of CEMS are attached as per following :</p> <div> </div> <div> </div> <div> </div>
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		<p><b><u>Photocopy of GPCB server for CEMS system</u></b></p> <p>The results of parameters like SPM, RSPM, and SO2 and NOx shall be submitted to the SPCB three months</p>																	
26.	<p>The concentration of the following parameters in the ambient air within the premises and a distance of 10 meters from the source (other than the stack/vent) shall not exceed the following levels.</p> <table><tr><th rowspan="2">PARAMETERS</th><th colspan="2">PERMISSIBLE LIMIT</th></tr><tr><th>Annual (Microgram/m3 )</th><th>24 hrs Average (Microgram/m3 )</th></tr><tr><td>PM 10</td><td>60</td><td>100</td></tr><tr><td>PM 2.5</td><td>40</td><td>60</td></tr><tr><td>SO2</td><td>50</td><td>80</td></tr><tr><td>NOx</td><td>40</td><td>80</td></tr></table>	PARAMETERS	PERMISSIBLE LIMIT		Annual (Microgram/m3 )	24 hrs Average (Microgram/m3 )	PM 10	60	100	PM 2.5	40	60	SO2	50	80	NOx	40	80	<p>Compiled.</p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (Unistar Environment &amp; Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. Copy of the analysis report has been attached as <a href="#">Annexure-4</a></p>
PARAMETERS	PERMISSIBLE LIMIT																		
	Annual (Microgram/m3 )	24 hrs Average (Microgram/m3 )																	
PM 10	60	100																	
PM 2.5	40	60																	
SO2	50	80																	
NOx	40	80																	
<b>(G)Installation and Operation of Air Pollution Control Measures</b>																			
27.	<p>The applicant shall be required to provide the following minimum APCM based on type of fuel and its consumption, fuel property like CV equivalent (NCV of fuel), equivalent ash content, equivalent moisture content etc. the industry may add to the APCM prescribed below, if need be so.</p> <table><tr><th>Steam Generation Capacity</th><th>Types of APCM</th></tr><tr><td>Less than 1</td><td>Cyclone + Water Scrubber</td></tr><tr><td>1 to 8</td><td>Multi Cyclone + Bag Filter + Water Scrubber</td></tr><tr><td>8 and more</td><td>ESP</td></tr></table>	Steam Generation Capacity	Types of APCM	Less than 1	Cyclone + Water Scrubber	1 to 8	Multi Cyclone + Bag Filter + Water Scrubber	8 and more	ESP	<p>Compiled.</p> <p>Unit has followed the Solid Fuel guideline framed by the Board and installed APCM as per guideline.</p> <p><b>APCM:-</b></p> <p>PCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area</p>									
Steam Generation Capacity	Types of APCM																		
Less than 1	Cyclone + Water Scrubber																		
1 to 8	Multi Cyclone + Bag Filter + Water Scrubber																		
8 and more	ESP																		





**3 stage ESP and 76 m stack attached to boiler**






**Silo installed for fly ash storage and dusting free truck loading**




**Automated Lime feeding system for controlling SOx commission.**


28.	The unit shall install on line continuous emission monitoring system (CEMS) and link it with the server of GPCB for real time data transfer for boiler more than 8 TPH capacity or equivalent capacity of TFH.	Compiled. Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB. Photos of CEMS attached in condition no.25
29.	If Boilers is of more than 8 TPH capacities, the unit shall install online CO2 analyzer/ online CO2 monitoring system and the combustion efficiency of the Boiler should be checked regularly.	It will be Complied.
30.	In case of ESP, minimum 3 fields shall be provided.	<p>Compiled.</p>  <p>3 stage ESP and 76 m stack attached to boiler</p>
31.	Control of SOx through one of the processes mentioned below (for coal fired boilers).	<p>Compiled.</p> <p>We use the Wet Limestone Process to control the SOx emission as shown in the photo.</p> 
a	• Wet Limestone Process	
b	• Semi-wet Flash Absorption Process	
c	• Spray Drying-cum-Absorption Process	
d	• Sodium Alkali Process	
e	• Ammonia Process	



32.	Control of particulate matter by installing efficient ESP/Bag filters.	Compiled. The unit has 3 stage ESP and an 76 m stack attached to the boiler. Photograph attached as in condition no.30
33.	Control of NOx with latest combustion grate technology, dynamically Air/Water cooled grate system (for multi fuel boilers & less than 20 TPH capacity).	Compiled. The unit has used the latest combustion grate technology, dynamically Air/Water cooled grate system to control the NOx emission.
34.	PLC controlled operations.	<p>Compiled. The unit has provided a DCS system to control operations. Photograph attached below.</p>  <p style="text-align: center;"><b><u>DCS System</u></b></p>
35.	Boiler efficiency shall be minimum 75 % and record for the same shall be maintained.	Noted and Compiled.
36.	Boilers having capacity of 3 TPH or more shall be provided with an Online monitoring system and auto fuel feeding system with conveyor/screw belt.	<p>Compiled.</p> <p>Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB. Photos of CEMS are attached in condition no.28</p> <p>The unit has an auto fuel feeding system with a screw belt. Photograph attached below.</p>

		 <p><b><u>Auto fuel feeding system with a screw belt.</u></b></p>
37.	The cyclone bottom opening should be kept airtight & leak proof; else, it would reduce cyclone efficiency. The duct collected should be taken out from time to time (say once per shift) & appropriately disposed avoiding secondary pollution.	Noted and Compiled.
38.	Cyclone, multi cyclone, bag filter and ESP shall be provided with rotary air valve for auto collection/discharge of fine dust	<p>Compiled.</p> <p>The unit has provided ESP with a rotary air valve for auto collection/discharge of fine dust. Photograph attached below.</p> 





		 <p style="text-align: center;"><b><u>Rotary air valve</u></b></p>
39.	Material of construction of wet scrubber should be S.S. 316 or equivalent to withstand against corrosion and acid effect. All water circulation pipe and pump should be S.S. 316 or acid and corrosion proof.	Not Applicable.
40.	Sufficient water storage tank and filter arrangement to be provided for removing micro dust from circulating water.	Not Applicable.
41.	Air pressure line of adequate capacity shall be provided for efficient working of air pulse jet system.	Not Applicable.
42.	Energy meter for APCM shall be provided and record for the same should be maintained.	<p>Compiled.</p> <p>The has provided separate energy meter for APCM And it's record has been maintained.Same is being uploaded in the XGN portal on a monthly basis.</p> <p>Photograph attached below.</p>

		 <p><b><u>APCM PLC Panel</u></b></p>
43.	In bag filter technical by-pass can be allowed only heavy duty bypass damper arrangement in case if the by-pass is provided by the manufacturer itself and can operate with electro pneumatic system in case of high temperature or low temperature gas (dew point temperature acid formation), RAV not operating. By-pass gas should pass through only cyclone or multicyclone before connected to chimney. In any case manual by-pass system is not allowed.	Not Applicable.
44.	Auto by-pass system should display on the control panel	Not Applicable.
<b>(H)Stack/chimney requirements:</b>		
45.	Stack height shall not be less than 33 meters in any case.	<p>Compiled.</p> <p>Unit has two boiler stacks ( 14 TPH &amp; 67 TPH ).</p> <p>The height of 14 TPH boiler and 67 TPH boiler is 42 meters and 76 meters respectively.</p>

46.	Chimney should be provided with strong ladder and platform to take sample.	<p>Compiled.</p> <p>Chimney has provided a strong ladder and platform to take samples. Photograph attached below.</p>   <p><b><u>Ladder and Platform</u></b></p>
48.	230 V electrical points with weather proof plug and switch to be provided near chimney for sampling instrument.	<p>Compiled.</p> <p>The unit is equipped with 230V electrical outlets with weatherproof plug and a switch will be provided near the chimney for the sampling instruments. Photograph provided in condition no. 47</p>

Fly Ash Handling Guideline Compliance		
Sr. No.	Content	Compliance

1	Sender and Receiver collectively shall ensure that fly ash is transported in Environmentally sound manner following the guidelines prescribed by CPCB.	<p>Compiled.</p> <p>The fly ash is transported in a closed dump truck to control dust pollution. Photograph attached below.</p>  <p><b><u>Closed dump truck</u></b></p>
2	The user agency shall obtain prior approval of design of Road Tankers/ Bulkers or mechanically covered trucks, as the case may be, from the concerned State Pollution Control Board.	Compiled.
3	State Pollution Control Board shall clearly indicate mode of transportation and method of loading and unloading while granting the Condition.	Compiled.
4	In no case, Fly Ash or Bottom ash shall be allowed to be transported by open trucks/ trollies irrespective of distance or end use.	<p>Compiled.</p> <p>The fly ash is transported in a closed dump truck to control dust pollution. Photograph attached in condition no.1</p>
5	Fly Ash is generally transported either from fly ash Silo or from ash pond upto distance varying from less than 1 Km to 50 Kms using the SPCB granted modes of transportation.	<p>Compiled.</p> <p>Fly Ash has been transported from fly ash Silo up to distance varying from less than 1 Km to 50 Kms using the SPCB granted modes of transportation.</p>
6	Fly ash is stored only in Silo, Domes and other bulk storage facilities.	<p>Compiled.</p> <p>Fly has been stored in Silo.</p>
7	Fly ash can be transferred using air slides, bucket conveyors, screw conveyors or through pipelines under positive or negative pressure condition to the Silo to prevent the fugitive emission.	<p>Compiled.</p> <p>The fly ash was transferred by air sliding to the silo and fugitive emissions will be avoided from the silo.</p>
8	The opening of telescopic chutes should be closed and confined to avoid fugitive dust emission.	<p>Compiled.</p> <p>The opening of telescopic chutes has been closed and confined to avoid fugitive dust emission. Photograph attached below.</p>

		 <p style="text-align: center;"><b><u>Telescopic Chutes</u></b></p>
9	Avoid overfilling of fly ash in tractors/ trucks during transportation. Adequate free board in trucks should be kept to avoid overflow/ spillage during transportation.	<p>Noted and Compiled.</p> <p>The unit has ensured that no overfilling of fly ash in trucks has been done during transportation. Adequate free board in trucks has been kept to avoid overflow during transportation.</p>
10	The Fly ash silo should be made of anti- abrasive or anti- corrosive. It is preferred to provide concrete Silo / Hopper to avoid leakages.	<p>Compiled.</p> <p>Material of construction of the fly ash silo is S.S. 304. It's a strong metal with high resistance against corrosion.</p>
11	Telescopic Chutes should be anti-abrasive material/ cloth.	<p>Compiled.</p>
12	Water sprinkling should be made to suppress fugitive emission, if any generated.	<p>Compiled.</p> <p>The unit has provided a water sprinkling system nearby the area to prevent fugitive emission.</p>
13	Unit should make arrangements for washing wheels of the vehicles (Bulkers/Trucks) before they leave out for the main road.	<p>Compiled.</p> <p>Unit will make arrangements for washing wheels of the vehicles (Bulkers/Trucks) before they leave out for the main road.</p>
14	In case of any spillage enroute during transportation of fly ash, the agency shall ensure that spilled ash is collected and transported to the disposal/ usage site immediately.	<p>Noted and Compiled.</p> <p>In case of any spillage enroute during transportation of fly ash, the unit will ensure that spilled ash is collected and transported to the disposal/ usage site immediately.</p>



15	All the Bulklers and trucks or tractors responsible for carrying fly ash should have valid pollution Under Control certificates.	Noted and Compiled. The unit has ensured that all the Bulklers and trucks or tractors responsible for carrying fly ash have valid pollution Under Control certificates.
16	The speed limit of vehicles carrying fly ash should be strictly enforced and in no case the same shall exceed 40 kms per hour.	Compiled. The unit has ensured that the speed limit of vehicles carrying fly ash is strictly enforced and in no case exceeds 40 kms per hour.
17	Transportation of fly ash through thickly populated areas should be avoided as far as possible.	Noted and Compiled.
18	General awareness/ training programmes should be organised regularly for tankers operating staff like drivers and cleaners on the impact of hazard of fly ash.	Noted and Compiled. General awareness/ training programmes (have been organized regularly for tankers operating staff like drivers and cleaners on the impact of hazard of fly ash.
19	Fly ash based Brick, Tiles, Blocks etc manufacturers should have mechanically designed covered trucks need to be used. Tractor trolleys with box type cover on top with hydraulic unloading system need only to be deployed for transportation of dry or wet fly ash, while traversing through habilitated areas otherwise, tractor trolleys suitably covered with good quality of tarpaulin (made of HDPE) could be allowed to transport fly ash for shorter distance say upto a distance of about 10 kms.	Noted and Compiled.
20	Cement and asbestos manufacturers should mechanically design covered trucks and provided with automatic loading and unloading through compressor/ vacuum pumps mounted on the tankers need only to be used./ Special designed railways wagons similar to Bulklers/ Tankers need to be used for transportation.	Noted and Compiled.
21	Road Construction and filling of low lying area users should have used Tankers/ Bulklers or mechanically designed covered Trucks Need to be used.	Noted and Compiled.



भारत सरकार/Government of India  
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो) /Petroleum & Explosives Safety Organisation (PESO)  
आंठवी मंजिल, यश कमल बिल्डींग, सयाजी गंज  
वडोदरा- 390020  
8th Floor, Yash Kamal Building, Sayajigunj,  
Vadodara - 390020

ई-मेल:/E-mail : [dyccebaroda@explosives.gov.in](mailto:dyccebaroda@explosives.gov.in)

फोन / फ़ैक्स नंबर:/Phone/Fax No : 0265 - 2225159

दिनांक/Dated : 01/09/2022

अनुज्ञप्ति सं./No : S/HO/GJ/03/1678(S69130)

सेवा में/To,

M/s. Aarti Industries Limited,  
Z-103/H, DAHEJ, SEZ-II,  
VAGRA,  
Vagra,  
District: BHARUCH,  
State: Gujarat  
PIN: 392130

विषय :/Sub : Plot No, Z/103/H, Dahej SEZ II Taluk Vagra, Dahej, Bharuch, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130 स्थित LIQUID NITROGEN, गैस के संपीडित पात्र / पात्रों में भंडारण के लिए स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अधीन स्वीकृत अनुज्ञप्ति संख्या S/HO/GJ/03/1678 के नवीनीकरण संबंध में /Storage of NLIQUID NITROGEN gas in pressure vessels at Plot No, Z/103/H, Dahej SEZ II Taluk Vagra, Dahej, Bharuch, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130 - Licence No : S/HO/GJ/03/1678 grant in form LS-1A of SMPV(U) Rules, 2016-Renewal of Licence Regarding

महोदय/Sir(s),

कृपया आपके दिनांक : 23/08/2022 के पत्र संख्या: OIN1117209 का संदर्भ ग्रहण करें /Please refer to your application No.OIN1117209 dated 23/08/2022 .

अनुज्ञप्ति संख्या : S/HO/GJ/03/1678 का नवीकरण दिनांक 30th सितंबर 2027 तक कर इसके साथ अग्रेषित की जा रही हैं ।  
Licence Number: S/HO/GJ/03/1678 is renewed and is valid upto 30th September 2027 is forwarded herewith.

दिनांक 30/09/2027 . से आगे अनुज्ञप्ति नवीनीकरण हेतु उपरोक्त नियम के नियम 55 के प्रावधानों का पालन किया जाए । विलंब शुल्क से बचने हेतु शुल्क के साथ मूल अनुज्ञप्ति तथा अन्य दस्तावेज अधिकतम दिनांक : 30 सितंबर, 2027 तक The Jt. Chief Controller of Explosives, Vadodara Circle, Vadodara में जरूर पहुंच जाने चाहिए ।

The provisions of the Rule 55 of the above said rules shall be followed for further renewal of the licence beyond 30/9/2027. The renewal application along with fees, Original licence and other documents shall reach in the Office of The Jt. Chief Controller of Explosives, Vadodara Circle, Vadodara, latest by 30th September,2027 to avoid late fee.

कृपया अनुज्ञप्ति प्राप्ति की पावती दें /Please acknowledge the receipt of the licence.

भवदीय/Yours faithfully,

((कुंवर पाल सिंह)  
(Kunwar Pal Singh)  
उप विस्फोटक नियंत्रक  
Dy. Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
वडोदरा/Vadodara

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

**Note:-This is system generated document does not require physical signature.**

**Disclaimer : This page gives the latest action taken by this organization on your application. This page is made available for the information of concerned applicant/licensee only. All efforts have been made to secure this information. However, PESO will not be responsible for any misuse of the information by unauthorized persons including the hackers.**

Date: 30/01/2024

To,  
The Deputy Director,  
Industrial Safety and Health,  
2nd Floor, Near Gayatri Nagar,  
Kanbivaga, Bahumali Building,  
Bharuch 392001

**Subject:** Submission of Third Party Safety Audit Report as per IS 14489:2018


Respected Sir,

Aarti Industries Limited (AIL) operates a fully integrated manufacturing set-up of specialty chemicals at Survey No. Z/103/H, Dahej SEZ II, Tal. Vagra, Dist. Bharuch 392130. We have completed the Third Party Safety Audit as per IS 14489:2018. We are submitting herewith the report for your ready reference and record please.

Kindly acknowledge the receipt of the same and oblige.

Thanking you in kind anticipation.

  
Yours Sincerely,  
For, Aarti Industries Limited

  
31/11/2024  
કૃતિષ્ઠર ડાહ્યા  
ઓડિયોવિડિયો સલામતી અને સ્વચ્છતા  
ભરૂચ

Authorized Signatory  
Rikesh Patel

Encl.: Third Party Safety Audit Report Nov. 2023

Directorate Indu

Safety & Health

Sir

Gujarat State

Itl,

FORM NO. 4

(Prescribed under Rules 5)

License o work a factory  
(Prescribed under Rule 5)

2400

IN

D.A. 01-Jul-2016

License is hereby granted to

Mr. Ajay Kumar Gupta

For the premises known as

AARTI INDUSTRIES LIMITED

situated at

PLOT NO.Z/103/H DAHEJ- SEZ-II DAHEJ

Ta. Vagra Dist. Bharuch

for use

within the limits specified in the plan approved by the

Industrial Safety & Health, Gujarat State

vide No. 649 Date 18-Apr-2016 subject to provisions of the

Factories Act, 1948 and the Rules made thereunder.

The license is issued for:

- Maximum Number of workers to be employed on any day during the Year : \*\*500\*\*
- Maximum installed power in B.H.P. on any day during the year : \*\*5,000\*\*

The license is valid up to 31st December 2025

paid 50.00  
Fees due Rs. 50.00  
Excess Rs. 0.00  
Place Bharuch  
Date 29-Sep-2016



Signature valid

Digitally signed by VAGRA  
KANTILAL  
Date: 2016.09.29 12:01:29  
Reason: Approval  
Location: Bharuch

Deputy Director  
Industrial Safety and Health

Y. L. Bharuch

105507

### Standard EC Conditions for Pharmaceutical/Chemical Industry sector

Sr. No.	Condition	Compliance status
<b>1</b>	<b>Statutory compliance</b>	
1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area)	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Complied The unit obtained the CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. Copy of the same is attached as <a href="#">Annexure A.</a>
5	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied. The unit has obtained permission from the GPCB CCA amendment No. AWH-112729 dated 15/06/2021 valid till 19/05/2028, for collection, storage and disposal of hazardous waste. The solid waste is disposed to BEIL, Ankleshwar, process waste is disposed to RSPL for co processing & Aluminium Hydroxide (Process Waste) recycle to Pradip Overseas (Rule-9) through manifest system and GPS.



2	<b>Air quality monitoring and preservation</b>
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1	<p>The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories</p>	<p>Compiled</p> <p>Unit has installed OCEMS system as per CPCB guideline for water and Air applicable to dyes and dyes intermediates which is under operation The calibrate these system from time to time according to equipment supplier.</p>
2	<p>The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.</p>	<p>Compiled.</p> <p>The fugitive emissions in the work zone environment are monitored by in house facilities as well as done by a third party consultant who has a MoEF&amp;CC/GPCB/NABL approved laboratory.</p> <p>Unistar NABL Certification No.: TC-7753</p> <p><b>All the results are within the prescribed limit.</b></p>

3	<p>The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.</p>	<p>Compiled.</p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory Unistar Environment &amp; Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. Unistar NABL Certification No.: TC-7753</p>
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4	<p>To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through a stack of adequate height as per CPCB/SPCB guidelines.</p>	<p>Compiled.</p> <p>Unit has a closed handling system for coal. Unit has a coal storage area. . Unit as provided silo for coal storage . We have provided a lime addition system along with coal for control SO<sub>2</sub> emission.</p>
5	<p>Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>Compiled</p> <p>Unit has provided silos and storage areas for coal.</p>
6	<p>National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed</p>	<p>Complied.</p> <p>Unit has follows the NES for ambient air. Please refer above point no 3 for ambient air monitoring . All the parameters are well within the limit.</p>

7	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16" November, 2009 shall be complied with.	Complied. Unit has follows the NES for ambient air. Please refer above point no 3 for ambient air monitoring . All the parameters are well within the limit.
3	<b>Water quality monitoring and preservation</b>	
1	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	Complied .  Unit has provided online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) which is under working condition.
2	As already committed by the project proponent, Zero Liquid Discharge shall	Complied.


3	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control] Board while granting Consent under the Air/Water Act, whichever is more stringent.	Compiled. The effluent coming from various plants are collected and treated in ETP consists of Primary, secondary and tertiary treatment facilities. And further treatment in RO followed by MEE.
4	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	The tabular data below indicate that unit has not exceeded the prescribed limit for water consumption i.e. 1186.5 KLD. Metering facilities have been provided along with flowmeter and the records are maintained for water consumption.



5	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Unit has provided separate plant drain/pits and storm water drains hence Process effluent/any wastewater shall not be allowed to mix with storm water. Plant pits are connected to ETP. The storm water from the premises is collected and discharged through a separate conveyance system.												
6	The Company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the groundwater and utilize the same for different industrial operations within the plant.	Complied. The harvest rainwater from the rooftops is provided and under operation.												
7	DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Complied Unit has been provided with suitable pollution control devices and the adequate stack height. The emission all parameters are well within the limit. <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Stack attached to</th><th>Stack height (m)</th></tr> </thead> <tbody> <tr> <td>1</td><td>DG Set 1000 KVA</td><td>30</td></tr> <tr> <td>2</td><td>DG Set 1000 KVA</td><td>30</td></tr> <tr> <td>3</td><td>DG Set 1500 KVA</td><td>30</td></tr> </tbody> </table>	Sr. No.	Stack attached to	Stack height (m)	1	DG Set 1000 KVA	30	2	DG Set 1000 KVA	30	3	DG Set 1500 KVA	30
Sr. No.	Stack attached to	Stack height (m)												
1	DG Set 1000 KVA	30												
2	DG Set 1000 KVA	30												
3	DG Set 1500 KVA	30												
4	<b>Noise monitoring and prevention</b>													
1	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied Acoustic enclosure has been provided to DG set for controlling the noise pollution												
2	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Complied Overall noise levels in and around the plant are within the limit.												

3	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	<p>Complied.</p> <p>The noise levels in the plant conforms to the standards prescribed in the EP Act, 1986. Noise monitoring is carried out by a MoEF approved laboratory (Unistar Environment &amp; Research Labs Pvt. Ltd.)</p>
5	<b>Energy Conservation measures</b>	
	The energy sources for lighting purposes shall preferably be LED based	<p>Complied</p> <p>Unit has provided the LED based lighting system at the maximum level.</p>
6	<b>Waste management</b>	

1	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farms and the solvent transfer through pumps	<p>Complied</p> <p>All the Hazardous chemicals are stored in Tanks, all the chemicals are transferred through Pumps, and the Plant is operated under the DCS.</p>
2	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF	<p>Complied</p> <p>Process organic residue are sent to co processing through pre processor, ETP sludge is being sent to TSDF, Aluminium Hydroxide is being sent to end user under rule 9 approved party.</p>



3	The company shall undertake waste minimization measures as below:-	
	a. Metering and control of quantities of active ingredients to minimize waste.	Compiled. Metering has been provided with active ingredients to minimize waste.
	b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	Compiled. The by-product generated by the unit $\text{Al}(\text{OH})_3$ is sent to the authorized party of Rule 9 (Pradip Overseas) where it is recycled in their process.
	c. Use of automated filling to minimize spillage.	Compiled. Closed system is used for filling of materials to minimize spillage. DCS systems are provided for the process.
	d. Use of Close Feed system into batch reactors.	Complied. "Close feed" system is used in batch reactors and continuous reactors.
	e. Venting equipment through vapour recovery system.	Complied. Venting equipment are connected to recovery system like scrubber and condensers.
	f. Use of high pressure hoses for equipment clearing to reduce wastewater Generation	Complied. High pressure hoses are used for equipment cleaning to reduce wastewater generation
7	Green Belt	
1	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	<p>Complied.</p> <p>Unit has developed a greenbelt within the premises as per the guidelines of CPCB. Photos for same are attached as below:</p> 

		 
8	<b>Safety, Public hearing and Human health issues</b>	

1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	<p>Complied</p> <p>Unit has prepared onsite offsite emergency plan based on the Hazard identification and Risk Assessment (HIRA) and same has been submitted to DISH.</p>
2	The unit shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling. Fire fighting system shall be as per the norms	<p>Complied</p> <p>Unit has provided the protection of possible fire hazards during the manufacturing process, Also provided the Fire fighting system like fire hydrant systems and fire extinguishers as the prevailing norms.</p>

3	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied Sufficient Personal Protective Equipments are provided to all the workers like Safety goggles, safety shoes, helmet, dust mask, gas mask, hand gloves, etc. The unit is doing Regular training and supervision to ensure the proper usage of PPEs.
4	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis.	Complied. Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling chemicals is imparted regularly.
5	Training to all employees on handling of chemicals shall be imparted.	Complied Training to all employees on handling of chemicals has been imparted.
6	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied Construction workers are not allowed to stay in the site, however necessary provisions and infrastructure facilities like mobile toilets, safe drinking water and medical health care and creche have been provided.
7	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Occupational health surveillance of the workers is carried out on half yearly basis and records are maintained as per the factory act. Following check up has been carried out in periodical medical checkup. - General checkup (height, weight, pulse, BP etc) - Blood test ( RBC, WBS, hemoglobin, platelets, blood group, differential

8	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	<div>count, G6PD etc)</div> <div>- Urine test (physical, chemical and microbial examination etc)</div> <div>- Vision test</div> <div>- Pulmonary function test</div> <div>- Audiometry</div> <div>- ECG</div> <div>- met Hb for specific workers</div> <div>Complied</div> <div>Adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products.</div>														
9	Corporate Environment Responsibility															
1	The project proponent shall comply with the provisions contained in this Ministry’s OM vide F.No. 22-65/2017-IA.III] dated 1 May 2018, as applicable, regarding Corporate Environment Responsibility.	<div>Complied</div> <table><thead><tr><th>Name of Associated NGO</th><th>Nature of Work</th></tr></thead><tbody><tr><td>Gram Vikas Trust - Bharuch</td><td>Vidhya Sathi Project (Special Training Program for Government Schools - 35 @ Dahej Cluster)</td></tr><tr><td>Expended for Various Schools / Villages / Agencies</td><td>Education / Health / Environment</td></tr><tr><td>Vikas Center for Development - Bharuch</td><td>Water Harvesting / Khet Talavadi @ Dahej Cluster</td></tr><tr><td>Asmita Vikas Kendra - Tralsa, Bharuch</td><td>Mobile Van Dental Care (Dahej Cluster)</td></tr><tr><td>Gram Vikas Trust - Bharuch</td><td>Health &amp; Hygiene Awareness for Students &amp; Community</td></tr><tr><td>Direct</td><td>Covid-19 relief work</td></tr></tbody></table>	Name of Associated NGO	Nature of Work	Gram Vikas Trust - Bharuch	Vidhya Sathi Project (Special Training Program for Government Schools - 35 @ Dahej Cluster)	Expended for Various Schools / Villages / Agencies	Education / Health / Environment	Vikas Center for Development - Bharuch	Water Harvesting / Khet Talavadi @ Dahej Cluster	Asmita Vikas Kendra - Tralsa, Bharuch	Mobile Van Dental Care (Dahej Cluster)	Gram Vikas Trust - Bharuch	Health & Hygiene Awareness for Students & Community	Direct	Covid-19 relief work
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Expended for Various Schools / Villages / Agencies	Education / Health / Environment															
Vikas Center for Development - Bharuch	Water Harvesting / Khet Talavadi @ Dahej Cluster															
Asmita Vikas Kendra - Tralsa, Bharuch	Mobile Van Dental Care (Dahej Cluster)															
Gram Vikas Trust - Bharuch	Health & Hygiene Awareness for Students & Community															
Direct	Covid-19 relief work															

2	<p>The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus company shall have a defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&amp;CC as a part of a six-monthly report.</p> <p>A separate Environmental Cell both at the project and company headquarter level, with qualified personnel shall be set up under the control of a senior Executive, who will directly to the head of the organization.</p>	<p>Compiled .</p> <p>SHE Policy is available signed by the board of directors.</p> <p>Compiled .</p> <p>An experienced environmental engineer holding a BE (Environmental Engineering) degree has been deputed to monitor the environmental management systems along with a central team of 4 Environmental Engineers and a Senior Manager. A centralised environment cell stationed at the Corporate office headed by a Vice President drives and monitors environment policy and performance.</p>
4	<p>Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and not to be diverted for any other purpose. Year wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>Complied.</p>
5	<p>Self environmental audit shall be conducted annually. Every three years, a third party environmental audit shall be carried out.</p>	<p>Complied</p> <p>Self environment audits are carried out Regularly.</p>

10	<b>MISCELLANEOUS:</b>
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1	<p>The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</p>	<p>Compiled.</p> <p>Due to oversight, the advertisement of EC was not published within the stipulated time period. We deeply regret not publishing the advertisement of EC within the stipulated time period.</p>
2	<p>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p> <p>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.</p>	<p>Compiled.</p>
4	<p>The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p>	<p>Noted and compiled .</p> <p>Unit has installed ambient air monitoring stations as per CPCB guideline. Unit have ambient air monitoring for PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>3</sub>, NO<sub>x</sub> . All the parameters are well within the limit.</p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory Unistar Environment &amp; Research Labs Pvt. Ltd.).</p>

5 6 7	<p>The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</p> <p>The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company</p> <p>The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the Project.</p>	<p>Compiled.</p> <p>Compiled.</p> <p>Unit has submitted yearly the environmental statement for each financial year in Form-V. We have submitted environmental statement for period April 2022 to March 2023</p> <p>Complied.</p> <p>The date of start of the project is 01/01/2014 by concerned authority. LOA Copy Received from SEZ:- 14/03/2012.</p> <p>This project is self financed.</p> <p>We intimated the ministry through a half yearly compliance report.</p>
8	<p>The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</p>	<p>Compiled .</p> <p>Unit has obtained EC to CTO # AWH-112729 dated 15/06/2021 under the provisions of the Water (Prevention &amp; Control of Pollution) Act, 1974, the Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 . All the CTO conditions are complied. Unit has obtained latest CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the Water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</p> <p>Unit have obtained PLI policy , Policy no 03040113710000 which is valid up to 08/01/2025</p>

9	<p>The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.</p>	<p>Complied</p>
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10	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Compiled. We have taken all applicable prior permissions from MoEF&CC for expansion or modifications.
11 12 13	<p>Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p> <p>The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory</p> <p>The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</p>	Noted for compliance
14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted for compliance . We are submitting half yearly compliance reports on regular basis.
15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	<p>Compiled .</p> <p>All the CTO conditions are complied. Unit has obtained the latest CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the Water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</p> <p>Unit have obtained PLI policy , Policy no 03040113710000 which is valid up to 08/01/2025</p>

16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted for compliance
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**AARTI  
INDUSTRIES®**

O/C

Ref: AIL/DHJ/NEO/ENV/2024-25/007

ID: 41201

Date: 21.05.2025

To,

Deputy Director General of Forests  
Integrated Regional Office (IRO)  
Ministry of Environment, Forest & Climate Change (MoEF&CC)  
KARMAYOGI BHAWAN, Block-3, F-2 Wing, 5th Floor,  
Near CH-3 Circle, Sector - 10A, Gandhinagar - 382010

**Subject:** Half Yearly Environment Clearance conditions compliance report for the period of October-2024 to March-2025.

- Reference:-**
- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013
  - 2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019
  - 3) Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020
  - 4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022
  - 5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of October-2024 to March-2025 in respect to the above mentioned references of Environment Clearance and its Amendments for Expansion of Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No. Z/103/H, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

The unit has obtained and implemented below mentioned ECs and submitted condition wise compliance for the same.

- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013.
- 2) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022.
- 3) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024.

Thanking You

Yours faithfully,

For Aarti Industries Limited.

  
Authorized Signatory



Encl: EC Compliance with Annexures.

**COPY TO:**

1. The Member Secretary, GPCB, Gandhinagar
2. Email to The Regional Director, CPCB, Vadodara
3. Email to SEIAA, Gujarat
4. Uploaded in MOEF&CC(Parivesh) Portal

  
Gujarat Pollution Control Board  
Head Office  
Sector No.-10-A,  
Gandhinagar-382010

[www.aarti-industries.com](http://www.aarti-industries.com) | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801,801/23, IIrd Phase, GIDC Vapi-396195, Dist - Valsad. INDIA. T : 0260-2400366

Factory : Plot No. Z/103/H, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130. INDIA.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : [info@aarti-industries.com](mailto:info@aarti-industries.com)





दि न्यू इन्डिया एश्योरन्स कंपनी लिमिटेड

(भारत सरकार का उपक्रम)

THE NEW INDIA ASSURANCE COMPANY LTD.

(Govt. of India Undertaking)

मं. का. 120400, न्यू इन्डिया सेंटर, 4थी मंजिल, 17-ए, कोपरेज रोड, मुंबई - 400 001.

D.O. 120400, New India Centre, 4th Floor, 17-A, Cooperage Road, Mumbai - 400 001.

Phone : 22815075, 22892800

E-mail : nia.120400@newindia.co.in



## Public Liability Act policy

Issued at MUMBAI

DATE: 09/01/2025

Policy No : 12040036243300000004

Name of the Insured : AARTI INDUSTRIES LTD

Period of Insurance : From: 09/01/2025 00:00:01 AM To: 08/01/2026 11:59:59 PM

### Risk Locations :

Sr No	Division	Bus Area Code	Plant Name	Address
1	Chemical	AN01	Amine	Plot No 285,286/1 A-1-322/23, 322/12, 322/24 II Phase,GIDC,Vapi- 396195
2	Chemical	AP01	Apple	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
3	Chemical	DH1N	Dahej Diamond	PLOT NO Z/103/C SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
4	Chemical	DHJ1	Dahej Neo	PLOT NO Z/103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
5	Chemical	DHJ2	Dahej Saffron	PLOT NO - Z/111/B, Z/111/C & D, GIDC Notified Industrial Estate, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH 392130
6	Chemical	FA01	Fertilizer	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
7	Chemical	JA04	Jhagadia 3M/Ash Land	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110 Plot No 41/1, 41/2, 41/3/1, 41/3/2 & 41/3/3 ,GIDC Jhagadia - 393110, Dist - Bharuch, Gujarat (India)
8	Chemical	Jhagadia	Jhagadia	
9	Chemical	JHA1(Pearl)	Jhagadia	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364
10	Chemical	JHA2 (Ruby)	Jhagadia	Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 &
11	Chemical	JHA3 (Jade)	Jhagadia	Survey No. 122 GIDC Jhagadia, Dadheda, Bharuch 393110
12	Chemical	JHA4 (Gold)	Jhagadia	Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat
13	Chemical	R&D Jhagadia	R&D Jhagadia	Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B , GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110
14	Chemical	JHA6(Onyx)	Jhagadia	
15	Chemical	KU01	Anushakti	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8, KUTCH BHACHAU, GUJARAT 370140
16	Chemical	NS01	Nascent	PLOT NO. 24, PHASE-I, G.I.D.C., DIST VALSAD VAPI 396195



17	Chemical	NU01	Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
18	Chemical	RD01	R&D Vapi	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
19	Chemical	RD03	R&D Mhape	A/94-1 & A/94/1/1, Khairane, MIDC, TTC,India, Navi Mumbai - 400710
20	Chemical	VA01	Acid	Plot No 802, 803, 804/3, Phase III,GIDC,Vapi- 396195 Plot No. 801/15 to 19,21 & 22, Phase-III, GIDC Estate, Vapi -396195, Tal: Pardi, Dist: Valsad
21	Chemical	VA02	Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
22	Chemical	VA03	Alchemie Organic	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
23	Chemical	TA02	Tarapur Unit-2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar, Maharashtra 401506

Sr No.	Bus Area Code	Address	Location	Rented or Owned
1	SL - STORAGE LOCATION	209 C/o Welcome Roadways, Lasudiya Mori, Halka No 17, Dewas Naka, Indore- 452010	Indore	Rented
2	ET01	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080	Mumbai	Owned
3	SL - STORAGE LOCATION	Ankit Petro Products Private Limited, L12, MIDC, Tarapur 401506	Tarapur	Rented
4	SL - STORAGE LOCATION	BHIWANDI GODOWN -1 SHED NO. 4, PATWARDHAN COMPOUND, NEAR DAL MILL COMPOUND, PURNA VILLAGE, AGRA ROAD, PURNA THANE	Bhiwandi	Rented
5	SL - STORAGE LOCATION	C/O Nasibdar Group Of companies, Plot No . H-4/2/B, MIDC, Tarapur, Boisar , Maharashtra - 401506	Tarapur	Rented
6	SL - STORAGE LOCATION	D/6 , Mayashree Compound, Survey No. 189/12356, 190/4, 190/5, 194/11, In Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
7	SL - STORAGE LOCATION	GAT NO 706 SANDIP WAREHOUSE, AVHANE SHIVAR, KANALDA ROAD, AVHANE, JALGAON, DIST - JALGAON - 425002	Jalgaon	Rented
8	SL - STORAGE LOCATION	GAT NO 89 & 91 SANGHAVI WAREHOUSE, BAMBRUD PACHORA, DIST- JALGAON -424201	Jalgaon	Rented



9	SL - STORAGE LOCATION	GODOWN NO 1 , 2 , 3 & 4, GAT NO 68/1, VILLAGE BELAD, NH-6 BYE PASS ROAD , TAL- MALKAPUR, DIST - BULDHANA - 443102	Buldhana	Rented
10	SL - STORAGE LOCATION	GODOWN NO 1 PART B SURVEY NO 137, BEHALF OF SANTOSH HYBRID SEEDS CO PVT LTD, BHOKARDAN ROAD, JALNA, DIST - JALNA - 431114	Jalna	Rented
11	SL - STORAGE LOCATION	GODOWN NO 1 TO 4 SURVEY NO 108/A/2 CHAHURANA BUDRUK, NAGAR KALYAN ROAD, NALEGAON , THANGE MALA ,AHMEDNAGAR - 414001	Ahmednagar	Rented
12	SL - STORAGE LOCATION	GODOWN NO 1, GAT NO 203, BEHLAF OF JEEVAN TRADING COMPANY, TUPPA VILLAGE, HYDERABAD HIGHWAY, DIST NANDED - 431603	Nanded	Rented
13	SL - STORAGE LOCATION	GODOWN NO 2 & 3 SURVEY NO 224/2 NEAR RADHASWAMI SATSANG , SHAHADA ROAD, VILLAGE DONDAICHA, TAL SHINDKHEDA, DIST - DHULE - 425408	Dhule	Rented
14	SL - STORAGE LOCATION	GODOWN ON SURVEY NO 163, GRAMPANCHYAT TEMBHURNE, KHAMGAN-AKOLA ROAD, DIST BULDHANA - 444303	Buldhana	Rented
15	VD09	GPC No. 932/1, 932/2 Hubbarwadi, Hubbarwadi Village, Raybag, Belagavi 591317, Karnataka	Belagavi	Rented
16	SL - STORAGE LOCATION	Industrial plot no 271 and 272 chanod tal.vapi dist valsad	Vapi	Owned
17	SL - STORAGE LOCATION	Industrial plot no 271 and 272 II Phase Gidc vapi 396195	Vapi	Rented
18	CS01	Khata no 430 survey no 452 village chival pardi valsad	Vapi	Owned
19	SL - STORAGE LOCATION	NAGESHWAR COMPOUND, GALA B 103 PART A THANE BHIWANDI AGRA ROAD VILLAGE PURNADANDEKARWAD, DISTRICT - THANE	Bhiwandi	Owned
20	HAZ1	Near LNG Terminal, Hazira Bypass Road, Hazira, Surat-394270, Gujarat	Hazira	Rented
21	SL - STORAGE LOCATION	Nepti Factory Godown No 3, Vaibhav Cattle Feed Factory Nepti, Survey No 65/2B/1 , Nepti village, Kadegaon, Kadegaon Tal - Ahmednagar Dist - 414005	Ahmednagar	Rented
22	VD07	PLOT NO - 609, 610,100 SHED AREA, G.I.D.C. ESTATE, VAPI, GUJARAT- 396195	Vapi	Rented

23	SL - STORAGE LOCATION	Plot no : d2/ch/77, Vedant Chlorochem ,Dahej, Tal : Vagra, Dist:Bharuch.	Dahej	Rented
24	TA04	PLOT NO 188 TO 190 2ND PHASE GIDC VAPI 396195	Vapi	Rented
25	SL - STORAGE LOCATION	Plot No 2006, 3 rd Phase, GIDC Vapi 396195	Vapi	Owned
26	SL - STORAGE LOCATION	PLOT NO 271 & 272, SURVEY NO 269, PAIKE, 269/P 270/P, 2ND PHASE GIDC ,CHANOD, VAPI DIST VALSAD - 396195	Vapi	Rented
27	JA05	Plot No 2900/115,2900/116 GIDC Ankleshwar ,Dist.Bharuch -393002 Gujarat	Ankleshwar	Rented
28	JA05	PLOT NO 2900/117 , INDOKEM COMPOUND, GIDC ESTATE,DIST BHARUCH ANKLESHWAR - 393002	Ankleshwar	Rented
29	SL - STORAGE LOCATION	PLOT NO 927 PHASE III GIDC, REVENUE SURVEY NO 43/P CHIRI VAPI DIST - VALSAD - 396195	Vapi	Rented
30	SL - STORAGE LOCATION	PLOT NO. 13, JNPT LIQUID STORAGE AREA,NHAVA SHEVA, URAN NAVI MUMBAI, RAIGAD- 400707.	Uran	Rented
31	OS01	Plot No. 2900/115, 2900/116, 2900/117, Indokem, Compound, GIDC Estate, Ankleshwar, Bharuch, 393002, Gujarat	Ankleshwar	Rented
32	VD08	PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110	Jhagadia	Rented
33	VD06	PLOT NO.316 D AT 40 SHED AREA GIDC VAPI 396195	Vapi	Rented
34	SL - STORAGE LOCATION	PLOT/SHED NO 1106, GIDC VAPI, VILLAGE CHIRI, TALUKA-VAPI, DIST - VALSAD	Vapi	Rented
35	SL - STORAGE LOCATION	S-42, MIDC, Tarapur, Borsar, Dist Palghar Aftab Silk Mills Pvt Limited	Tarapur	Rented
36	SL - STORAGE LOCATION	Shed No .7/5A, Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
37	SL - STORAGE LOCATION	Shed No. 12A and 12B, Survey No. 178 Hissa No. 1 & 2, Sarvotam Compound, Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
38	SL - STORAGE LOCATION	Shed No.8/6A , Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna, Bhiwandi, District Thane – 421302	Bhiwandi	Rented



39	SL - STORAGE LOCATION	Shed no-13, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
40	SL - STORAGE LOCATION	Shed no-16, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
41	VD10	SURVEY NO 108/A, NAGAR KALYAN ROAD, NEAR THANGE MALA, Ahmednagar 414001, Maharashtra	Ahmednagar	Rented
42	MW04	SURVEY NO. 137, BHOKARDHAN ROAD, NEAR JALNA BHOKARDHAN ROAD, JALNA, 431114, MAHARASHTRA	Jalna	Rented
43	SL - STORAGE LOCATION	TERMINAL AT PORT PIPAVAV, POST BAG 45, POST UCHHAIYA VIA RAJULA, UCHHAIYA, Amreli, Gujarat, 365560	Pipavav	Owned
44	SL - STORAGE LOCATION	WAREHOUSE AT GAT NO 87, VILLAGE GEVRAI TANDA, DIST - AURANGABAD - 431111	Aurangabad	Rented
45	MW05	GAT NO. 706, SANDIP WAREHOUSE, AVHANE SHIVAR KANALDA ROAD, AVHANE SHIVAR, JALGAON - 425002, MAHARASHTRA	Jalgaon	Rented
46	VD01	Plot No - 28 Phase-II, GIDC, Vapi 396195	Vapi	Owned
47	VD11	GAT NO. 68/1, NH-6, BY PASS ROAD, MALKAPUR, MAHARASHTRA 443102	Malkapur	Rented
48	SL - STORAGE LOCATION	Plot No. 25, GIDC, Phase 1 and 2, Vapi, Dist Valsad, Gujarat 396195	Vapi	Rented
49	SL - STORAGE LOCATION	PLOT NO.321/8, 40 SHED AREA, CHANOD, GIDC VAPI, DIST VALSAD 396 195	Vapi	Rented
50	SL - STORAGE LOCATION	Plot No. 328-329/B, A-1 Building Area, GIDC Estate , Ankleshwar, Bharuch, Gujarat 393002	Ankleshwar	Rented
51	SL - STORAGE LOCATION	Plot No.L-4 & L-5 M.I.D.C,Tarapur,Maharashtra-401506	Tarapur	Owned
52	SL - STORAGE LOCATION	PLOT NO S-42, MIDC TARAPUR, BOISAR, DIST -PALGHAR, MAHARASHTRA 401501	Boisar	Rented
53	SL - STORAGE LOCATION	GODOWN NO 13 & 14 NEAR MARUTI SHOWROOM, HINGOLI ROAD, MARUTI SUZUKI ARENA, ASPA BRANDSONS AUTO PVT LTD, HINGOLI ROAD, WASHIM, MAHARASHTRA 444505	Washim	Rented
54	SL - STORAGE LOCATION	Plot No 1663, GIDC Sarigam, Vai Umbergam, Sarigam, Valsad, Gujarat,	Sarigam	Rented



		396155		
55	SL - STORAGE LOCATION	Survey No 846, Plot No 106, Namdha, Vapi, Valsad, Gujarat 396195	Vapi	Rented
56	SL - STORAGE LOCATION	Plot No 148/A Phase 2, GIDC Vapi Dist Valsad, Gujarat, 396195	Vapi	Rented
57	SL - STORAGE LOCATION	PLOT NO K 14, MIDC TARAPUR, SALWAD, BOISAR, PALGHAR, MAHARASHTRA 401506	Boisar	Rented

Sr.No.	Bus Area Code	NEW ADDRESS	Location	Rented or Owned
1	KU02	PLOT NO. 5&6 ,KESAR TERMINAL & INFRASTRUCTURE LTD, OLD KANDLA 370220	Kutch	Rented
2	SL - STORAGE LOCATION	Shreeji terminal, plot no. 7 near jawaharlal nehru railway crossing, kandla 370210	Kutch	Rented
3	KU05	SURVEY NO 26 (OLD SURVEY NO 157), PADANA WAREHOUSE, PADANA, GANDHIDHAM, KUTCH GUJARAT	Kutch	Rented
4	SL - STORAGE LOCATION	SURVEY NO 26, (OLD SURVEY NO - 157), PAIKI -2 PADANA GANDHIDHAM 370240	Gandhidham	Rented
5	SL - STORAGE LOCATION	Survey No. 1430/2, N.H. No 41, Ta. Bhachau, Dist Kutch, Gujarat.	Kutch	Rented
6	KU04	NEAR OIL JETTY, IFFCO PLANT IFFCO ROAD, KUTCH, GUJARAT 370210	Kutch	Rented
7	-	Tank No 103, Plot No 7, Kandla, Kutch, Near Jawaharlal Nehru Railway Crossing, Kandla, Kutch, Gujarat 370210	Kutch	Rented
8	-	Tank No TK 122, Plot No 7, Pandit Jawahar Lal Nehru Marg, Gandhidham, Kandla, Kutch, Gujarat 370210	Kutch	Rented
9	-	NEAR OIL JETTY, CRL TERMINALS PVT LTD, POINT NO 1, NEAR WASTE GATE NI 1, KANDLA, KUTCH, GUJARAT 370210	Kutch	Rented
10	KU06	SURVEY NO 236/1 and 237, Warehouse No K-01, Village Mithi Rohar, Gandhidham, Kutch, Gujarat 370201	Kutch	Rented

S No	Stock At Doc List
1	Jawaharlal Nehru Port Trust Sheva, Navi Mumbai-400702
2	15-23, National highway 4B, Panvel-JNPT highway, Village Padeghar, Panvel, Maharashtra 410206
3	Balmer Lawrie & Co. Ltd., Container Freight Station (CFS), Sector: 7, Plot No: 1, P.B. No: 8, Dronagiri Node Navi Mumbai - 400707
4	MUMBAI AIRPORT ANDHERI:- AIR CARGO COMPLEX SAHARA ANDHERI
5	HAZIRA PORT Hazira LNG and Port Hazira, Dist: Surat Gujarat - India
6	PORT OF PIPAVAV, POST BAG 45, POST UCCHAIYAVIA RAJULA, AMRELI, Gujarat, India, 365560

Location 1: MUNDRA PORT Post Box No. 1 Mundra (Kutch), Gujarat 370421

Location 2: Deendayal Port, Kandla, Gujarat, Kutch, Pincode: 370210

For & On Behalf of  
The New India Assurance Co. Ltd



Duly Constituted Attorney(S)



# Pacific School of Engineering

(Approved by AICTE New Delhi & Affiliated to GTU, Ahmedabad)

Ref. No.: PSE/ENGG/CERT/21/58

Date: 18/11/2021

## PERFORMANCE EVALUATION OF EXISTING EFFLUENT TREATMENT PLANT AND ELECTRO-STATIC PRECIPITATOR

The Environmental Audit Scheme was introduced by the Gujarat High Court vide its orders dated 20/12/96 & 13/3/97 and modified vide order dated 16/9/99, 22/04/2010 & 23/1/2015. We are recognized by GPCB, Gandhinagar as Schedule- I Environmental Auditor for compliance of the directions of the Hon'ble High Court in this matter have collected and analyzed samples to evaluate performance evolution of existing Electro-static precipitator (ESP) and Effluent Treatment Plant (ETP) installed at:

**A. M/s. Aarti Industries Ltd.**

Plot No. Z/103/H, Dahej-SEZ-II,

Taluka: Vagra, Dist. Bharuch, Gujarat.

**B. BACKGROUND OF ETP AND ESP:**

Industry has installed effluent treatment plant (60 m<sup>3</sup>/day) consisting of component for primary and secondary treatment. In order to provide polishing of effluent, industry has also installed four numbers of reverse osmosis (RO) plant of various capacities (60 KLD, 50 KLD, 150 KLD and 200 KLD) and multi effect evaporation (MEE) plant of capacity 40 KLD. Resulting permeates and MEE condensate being utilized for the purpose utilities such as cooling tower application. Thus, unit follows zero liquid discharge (ZLD).

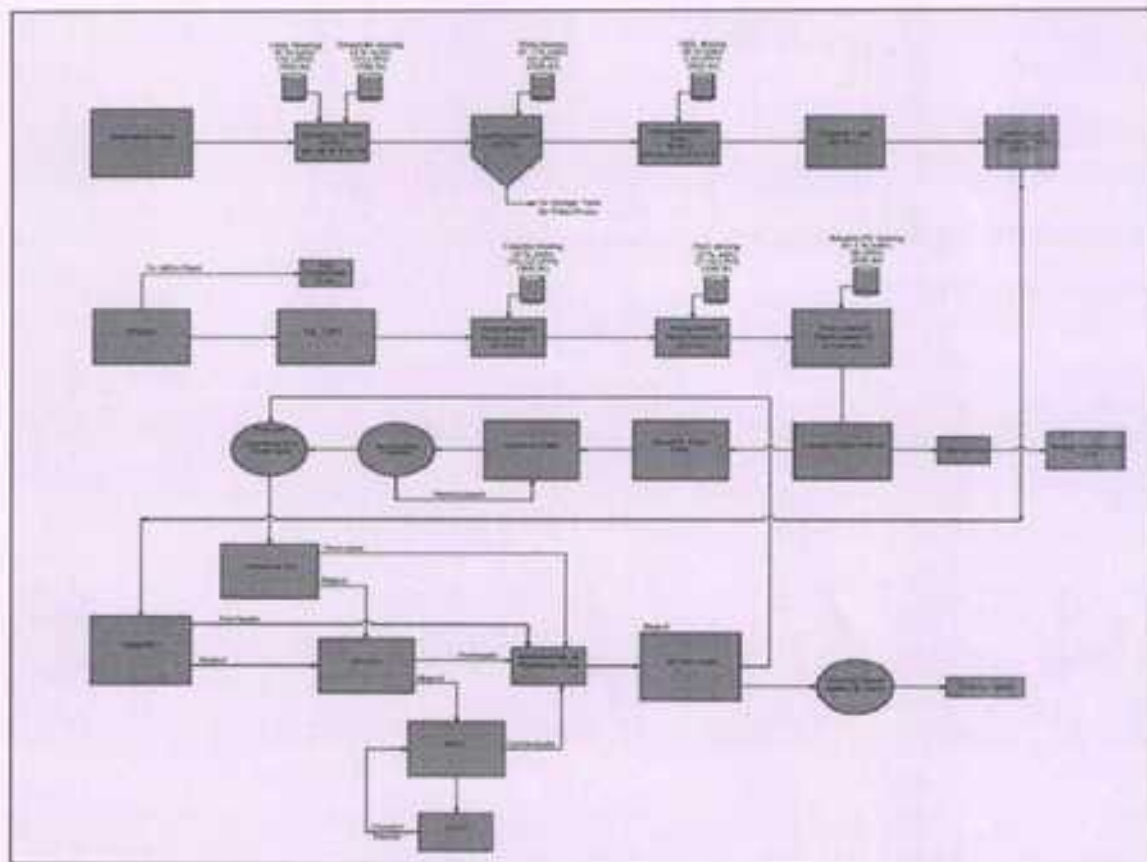
Apart from this, industry has installed two numbers of electrostatic precipitators of capacity (14 TPH and 67 TPH) to take care of flue gas emission resulting from coal based boiler.



Plot No. 87,91,92,96, Opp. Sarthee Township,  
Kadodara Palsana Road (NH-8), V. Sanki, Ta. Palsana, Surat-394305  
Phone : +91 9904408835 / 38 | Email : suratpacific@gmail.com  
Website : www.pacific-soe.ac.in



**C. DETAIL OF EFFLUENT TREATMET SCHEME:**



**D. PERFORMANCE EVALUATION OF CONVENTIONAL ETP**

Parameters	ETP Inlet	Primary Clarifier Outlet	Secondary Clarifier Outlet (Chemical RO Inlet)	% Gross Reduction
pH	7.9	7.4	5.7	-
Temperature	29	29	27	-
Colour	250	200	110	56.00
TDS (mg/L)	8012	8465	8216	-2.55
COD (mg/L)	13115	11961	674	94.86
Ammonical Nitrogen (mg/L)	110	70	27	75.45

Note: Treated effluent from secondary clarifier goes to RO for further treatment.

**E. PERFORMANCE EVALUATION OF RO PLANT**

Parameters	Secondary clarifier Outlet (Chemical RO Inlet)	Chemical RO Permeate	% Gross Reduction
pH	5.7	6.2	-
Temperature	27	27	-
Colour	110	55	78.00
TDS (mg/L)	8216	4257	46.87
COD (mg/L)	674	124	99.05
Ammonical Nitrogen (mg/L)	27	10.5	90.45

Note: Permeate from RO plant further treated in polishing RO plant and reject goes to MEE after treated in HP RO.

**F. PERFORMANCE EVALUATION OF FINAL POLISHING RO PLANT**

Parameters	RO Inlet	RO Permeate	RO Reject	% Gross Reduction (Permeate)	% Gross Change (Reject)
pH	6.2	6.1	6.8	-	-
Temperature	28	27	28	-	-
Colour	50	10	105	96.00	47.50
TDS (mg/L)	1421	87	10567	98.91	-24.83
COD (mg/L)	62	21	745	99.84	93.77
Ammonical Nitrogen (mg/L)	27	1.2	8.5	98.91	87.86

Note: Permeate being utilized at cooling tower and reject goes to chemical RO.

**G. PERFORMANCE EVALUATION OF MEE**

Parameters	MEE Inlet	MEE Condensate	% Gross Reduction
pH	6.2	8.42	-
Temperature	27	27	-
Colour	100	5	98.00
TDS (mg/L)	18741	4072	49.18
COD (mg/L)	1208	3022	76.96
Ammonical Nitrogen (mg/L)	8.3	1.4	98.73

Note: MEE condensate being further treated in final polishing RO and concentrate treated in agitator thin film dryer (ATFD) and finally goes to TSDF site.





**H. EVALUATION OF ESP**

Parameters	Across ESP - I (14 TPH)		
	ESP Inlet - I (14 TPH)	ESP Outlet - I (14 TPH)	Reduction in Primary (%)
Particulate Matter (PM)	9054	57	99.37
Sulphur Dioxide (as SO <sub>2</sub> )	69	66	4.35
Oxides of Nitrogen (as NO <sub>x</sub> )	39	38	2.56

Parameters	Across ESP - II (67 TPH)		
	ESP Inlet - II (67 TPH)	ESP Outlet - II (67 TPH)	Reduction in Primary (%)
Particulate Matter (PM)	9025	53	99.41
Sulphur Dioxide (as SO <sub>2</sub> )	75	72	4.00
Oxides of Nitrogen (as NO <sub>x</sub> )	44	42	4.55


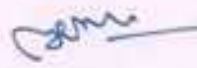
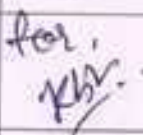
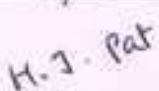

**I. SUMMARY OF THE STUDY:**

1. Significant reduction in colour, COD and Ammonical Nitrogen showed efficacious performance of primary and secondary treatment of effluent. Then after it goes to RO for further treatment.
2. Notable reduction in TDS, colour, COD and Ammonical Nitrogen in permeate showed efficacious performance of RO plant which is being further treated in polishing RO plant.
3. More than 95% reduction in TDS, colour, COD and Ammonical Nitrogen in permeate obtained from polishing RO plant being utilized at cooling tower.
4. Effective reduction in TDS, colour, COD and Ammonical Nitrogen showed efficacious performance of MEE.
5. More than 99% removal of particulate matter in an exit flue gas emission indicating efficient performance of two ESPs.

**CONCLUSION:**

Based on monitoring, sampling, analysis and evaluation it is concluded that conventional ETP, RO plants, MEE and ESP performance showed efficacious. This study is based on the monitoring and sampling conducted on 29<sup>th</sup> October, 2021.

Date: 18<sup>th</sup> November, 2021

 <b>Dr. Y. C. Rotliwala</b> (Principal)	<b>Dr. Yogesh Rotliwala</b> Ph.D. (Chemical Engg.), Chemical Engineer	
	<b>Dr. Hiral Tailor</b> Ph.D. (Chemistry), Chemist	
	<b>Dr. Himanshu Patel</b> Ph.D. (Chemistry), Chemist	
	<b>Ms. Nidhi Halbe</b> M.E. (Env. Engg.), Environmental Engineer	







**Aarti Industries Limited**

Documents No.	AIL-DHJ-ZN3-OHC-FF-28
Issue No.	2
Revision No.	0

**Self Declaration of Medical History**

Name :	<u>Nitish Kumar</u>	Age/Sex :	<u>24/male</u>
Agency Name :	<u>Mohia Pvt</u>	Function :	<u>Driver</u>
Division Name :	<u>M&amp;O</u>	Emp. code/ Gate pass No.	<u>4069</u>

**Do you have any of the following health problems ?**

If Yes, specify in remark column		Yes	No	Remark
1	High / low blood pressure		<u>NO</u>	
2	Diabetes Mellitus (Blood Sugar Problem)		<u>NO</u>	
3	Heart related problems - Chest pain, Heart Attack, Congenital conditions valvular heart disease etc.		<u>NO</u>	
4	Respiratory related problems - Asthma/Shortness of breath/Chronic cough etc.		<u>NO</u>	
5	Nervous system related problems - Convulsion/Fits/Paralysis/Polio etc.		<u>NO</u>	
6	Liver/Gall Bladder related problems like jaundice/Hepatitis/Gall stones etc.		<u>NO</u>	
7	Digestive system related problems - Peptic ulcer/bloody vomiting or stool/irregular bowel habits etc.		<u>NO</u>	
8	Kidney related problems - Renal stones/Blood in urine etc.		<u>NO</u>	
9	Blood related problems - Anemia/Low platelet count/Sickle cell anemia/Thalassemia etc.		<u>NO</u>	
10	Any endocrine related disorder like thyroid conditions etc.		<u>NO</u>	
11	Musculoskeletal disorders - Backache/Limb deformity/disc problem/joints Problem etc.		<u>NO</u>	
12	Eye related problems - Refractive errors/colour blindness/squint/cataract etc.		<u>NO</u>	
13	Do you wear any contact lenses ?		<u>NO</u>	
14	Ear related problems - Ear discharge/hearing loss/tinnitus etc.		<u>NO</u>	
15	Skin related problems - Rashes/psoriasis/scars etc.		<u>NO</u>	
16	Are you suffering from any communicable diseases ? - Tuberculosis/HIV/ Hepatitis B / Leprosy etc.		<u>NO</u>	
17	Mental Health related problem		<u>NO</u>	
18	Any Allergy - Drug / Food / Other		<u>NO</u>	
19	Vertigo / Giddiness		<u>NO</u>	
20	Phobia (Fear of height or closed place/darkness)		<u>NO</u>	
21	Ankle swelling / Hernia/Hydrocele/Abdominal swelling etc.		<u>NO</u>	
22	Any history of hospitalisation in past ?		<u>NO</u>	
23	Any history of past surgeries ?		<u>NO</u>	
24	Consumption / Habit - Drug / Alcohol / Tobacco / Smoking ?		<u>NO</u>	
25	Any history of long term medications ? OR currently taking any medication ?		<u>NO</u>	
26	Any history of occupational injuries/illness in past ?		<u>NO</u>	
27	Any past history of cyanosis ? (Bluish discolouration of tongue/lips/nails)		<u>NO</u>	
28	Family History of Diabetes/Hypertension/Heart Attack/Mental disorder/ Asthma/cancer		<u>NO</u>	
29	For Female			
	Last Menstrual Period			
	Any gynaecological disorder ?			
30	Any present complaints ?		<u>NO</u>	



**Additional Remark**

I hereby declare that, to the best of my knowledge and belief, the particulars given above and the declaration made therein are true  
**For non-routine work only :** I hereby declare that I will not work in chemical process areas in violation of the company policy.


Date : 12-09-25  
 Place : Durgam

Nitish Kumar  
 Sign/Left thumb Impression of candidate

# Corporate Health & Wellness Services

## Celestial Wellness Solutions Pvt. Ltd.

NAME OF EMP:	NITISH KUMAR	SL NO.	103
COMPANY NAME:	Aarti Industries - Dahej	DATE:	
EC NO.	9801500092	AGE:	#NAME?
DATE OF BIRTH:	01-03-2001	SEX:	0
DATE OF JOINING	9-Mar-22		
	MOHIT ENTERPRISES		
<b>PHYSICAL EXAMINATION</b>			
HIGHT	WEIGHT	B.P.	PULSE
168	51	120/80	80
CM	KG	MM OF Hg	min.
			HEALTHY 18 TO 25
INFECTIONS	NAD		SKIN
			NAD
CONTAGIOUS	NAD		RESPIRATORY SYSTEM
			NAD
PAST HISTORY	NAD		CARDIOVASCULAR SYSTEM
			NAD
FAMILY HISTORY	NAD		GENETIAL SYSTEM
			NAD
PERSONAL HISTORY	NO SIGNIFICANT		SKELETON SYSTEM
			NAD
ADDICTION	NAD		C.N.S.
			NAD
<b>VISUAL TEST</b>			
	RT	LT	COLOUR VISION:
			ACCEPTABLE
NEAR VISION:			TISSMUS TEST NEGATIVE
DISTANT VISION:			ROMERBERG NEGATIVE
CHEST X-RAY:	NAD		
ECG:			
PFT	B/L NORMAL		
REMARKS:	****		
ADVISE:	****		
FITNESS STATUS :	PERSON IS FIT FOR ASSIGNED JOB.		

  
**Dr. Bhaskar Mahajan**  
**MBBS - MD (Pathology), CIH**  
 (Industrial Health Consultant & Pathologist)  
**Reg. No. : G-7578**





Patient Name : Nitish Kumar  
Patient ID : 110925042  
Age/Gender : 24 Years / Male  
Ref No : 08  
Client Name : CELESTIAL WELLNESS SOLUTION F.



Registered On : 11-Sep-2025 03:28 PM  
Sample Collected On : 11-Sep-2025 03:28 PM  
Sample Reported On :  
Sample Type : EDTA Blood  
Sample ID



## HAEMATOLOGY

Test Name	Result	Unit	Bio.Ref.Range
<b>COMPLETE BLOOD COUNT ( CBC )</b>			
Hemoglobin	13.4	gm/dl	13-17
Packed Cell Volume (HCT)	42.6	%	40-50
R.B.C. Count	4.22	mill/cmm	4.5 - 5.5
Mean Cell Volume(MCV)	100.9	fl	83-101
Mean Cell Hemoglobin( MCH)	31.8	pg	27-33
Mean Cell Hb Conc(MCHC)	31.5	%	32 -38
RDW (CV)	14.3	%	11.60-14
Total WBC Count	5900	cells/cumm	4000-11000
<b>Differential % WBCs count</b>			
Neutrophils	74	%	50-70
Lymphocytes	20	%	20 -40
Eosinophils	02	%	1-6
Monocytes	04	%	0 -10
Basophils	00	%	0-1
<b>Absolute Differential Count :</b>			
Absolute Neutrophils Count	4366	/ cumm	2000-7000
Absolute Lymphocytes Count	1180	/ cumm	1000-3000
Absolute Monocytes Count	236	/ cumm	200-1000
Absolute Eosinophils Count, AEC	118	/ cumm	20-500
Neutrophil-to-lymphocyte ratio, NLR	3.70		
Platelet Count	7900	cells/cumm	150000-450000

Dr. Mahajan

### Collection Centres in Ankleshwar :

- BG-10, 1st Floor, Sardar Park Shopping Centre, GIDC. (M) 98252 84320
- 1st Floor, Amardeep Complex, Meera Nagar, Rajpipla Road. (M) 89809 64830
- A-13, Shivam Park Shopping Centre, Nr. Ragini Multiplex Cinema, GIDC. (M) 98252 84320

Dr. Bhaskar Mahajan  
M.D. (Pathology)  
Reg. No. : G-7578





Patient Name : Nitish Kumar

Patient ID : 110925042

Age/Gender : 24 Years / Male

Ref No : 08

Client Name : CELESTIAL WELLNESS SOLUTION F



Registered On : 11-Sep-2025 03:28 PM

Sample Collected On : 11-Sep-2025 03:28 PM

Sample Reported On :

Sample Type : SERUM

Sample ID



### BIOCHEMISTRY

Test Name	Result	Unit	Bio.Ref.Range
Random Blood Sugar	104.0	mg/dL	70 - 140
SGPT (ALT)	22.0	U/L	00 - 49
SGOT (AST)	17	U/L	00 - 46
S. Creatinine	0.9	mg/dL	0.6-1.4
Bilirubin (Total, direct & indirect)			
Total Bilirubin	0.90	mg/dL	0.2 - 1.1
Bilirubin Direct	0.30	mg/dL	0.0 - 0.3
Bilirubin Indirect	0.60	mg/dL	0.00 - 0.75

END OF REPORT

*Dr. Mahajan*

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Dr. Bhaskar Mahajan

M.D. (Pathology)

Reg. No. : G-7578





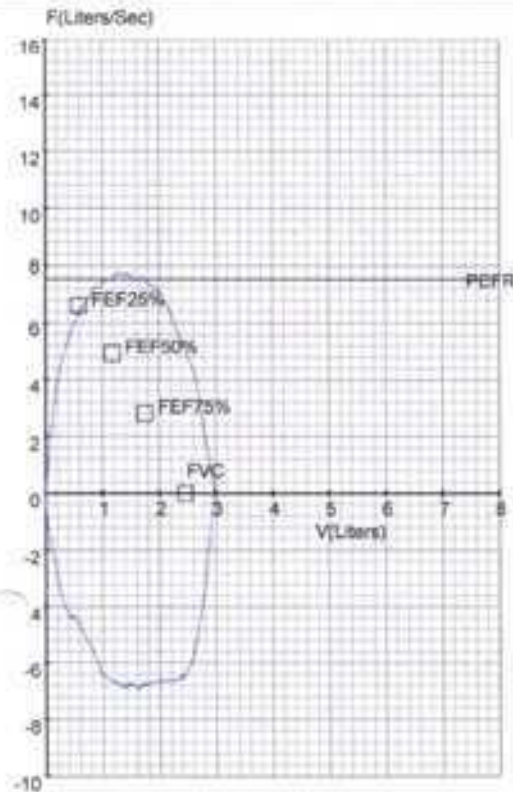
05-NITISH KUMAR  
23Years / Male / Ht 168 Cms / 51 Kgs/Non-Smoker

**FVCTEST**  
Date:11-09-2025(T1)

Pred Eqn:CLARITY  
Ref By :NONE

Eth.Corr :70

Temp 22°C



Parameter	Pred	Pre	Pre%	Post	Post%	Imp%
FVC	[L]	2.45	2.55	104	—	—
FEV1	[L]	2.13	2.54	119	—	—
FEV.5	[L]	—	2.48	—	—	—
FEV3	[L]	2.38	—	—	—	—
FEV6	[L]	—	—	—	—	—
PEFR	[L/s]	6.44	6.68	104	—	—
FEF25-75	[L/s]	3.27	6.31	193	—	—
FEF75-85	[L/s]	—	4.67	—	—	—
FEF 2-1.2	[L/s]	5.54	5.62	102	—	—
FEF25%	[L/s]	5.67	6.97	123	—	—
FEF50%	[L/s]	4.24	7.19	170	—	—
FEF75%	[L/s]	2.38	5.65	237	—	—
FEV.5/FVC	[%]	—	96.33	—	—	—
FEV1/FVC	[%]	87.04	99.39	114	—	—
FEV3/FVC	[%]	97.00	—	—	—	—
FEV6/FVC	[%]	—	—	—	—	—
FEV1/FEV6	[%]	—	—	—	—	—
FET	[S]	—	0.91	—	—	—
ExpTime	[S]	—	0.23	—	—	—
LungAge	[Y]	22.00	18.00	82	—	—
FIVC	[L]	—	2.56	—	—	—
PIFR	[L/s]	—	5.93	—	—	—
FIF25%	[L/s]	—	6.83	—	—	—
FIF50%	[L/s]	—	7.64	—	—	—
FIF75%	[L/s]	—	6.56	—	—	—
FIV.5	[L]	—	1.18	—	—	—
FIV1	[L]	—	2.56	—	—	—
FIV3	[L]	—	—	—	—	—
FIV.5/FIVC	[%]	—	46.23	—	—	—
FIV1/FIVC	[%]	—	100.00	—	—	—
FIV3/FIVC	[%]	—	—	—	—	—



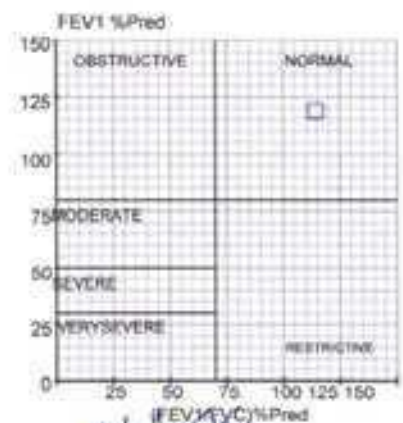
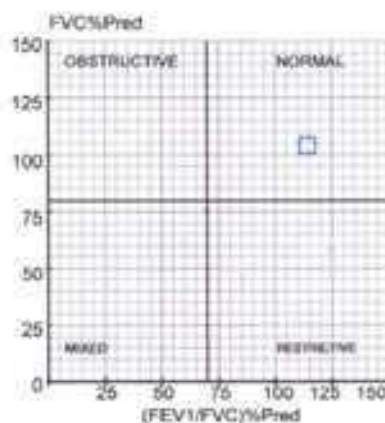
**- Pre Medication Report :**

Spirometry within Normal range as FVC%  $\geq 80$  And FEV1/FVC%  $> 70$

**- Pre COPD Severity Report:**

COPD Severity within Normal range

**- Doctor's Comments:**



**Dr. Bhaskar Mahajan**  
MSBS - MD (Pathology), CIH  
(Industrial Health Consultant & Pathologist)  
Reg. No. : G-7578



भारत सरकार  
GOVERNMENT OF INDIA



नीतिश कुमार  
Nitish Kumar  
जन्म तिथि/DOB: 01/03/2001  
पुरुष/ MALE



5141 5677 6052

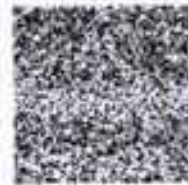
मेरा आधार, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पता:  
S/O जीवशाल शर्मा, ग्राम मटिया, पंचायत मटिया, पोस्ट  
मटिया थाना ब्लॉक लखीपुर, मटिया, जमुई,  
बिहार - 811312

Address:  
S/O Jivlal Sharma, Gram Matia,  
Panchayat Matia, Post Matia Thana Block  
Laxmipur, Matia, Jaimui,  
Bihar - 811312



5141 5677 6052



P.O. Box No. 121  
Bangalore-560 001

INDIAN UNION DRIVING LICENCE  
JHARKHAND STATE

D01017205R

Name: NITISH KUMAR  
Signature of: JYOTI SHARMA  
ID Mark 1  
ID Mark 2



DL No: JH10 20200015171  
Issue Dt: 28-FEB-2020 Validity (T): 23-FEB-2025 Validity (M): 18-May-2038  
DOB: 01-MAR-2001 Blood group: B+  
Address: AT MATIA, PO MATIA, PE, LAKHPUR, 2031 JHARKHAND 811 011

Class: Issued On: 28-FEB-2020  
MCWG: 28-FEB-2020  
LMV HT: 28-FEB-2020  
TRANS: 24-FEB-2021

Jharkhand Sahakar Sahakar (Sahakar)  
Jharkhand Sahakar (Sahakar)  
Jharkhand Sahakar (Sahakar)  
Jharkhand Sahakar (Sahakar)



Badge No: JH10 2020001517205R  
Issuing Authority: JHARKHAND  
Sign Of: JYOTI SHARMA  
Card Number: JH10 2020001517205R

Sign Of: JYOTI SHARMA  
Issuing Authority: JHARKHAND







Patient Name : Nitish Kumar

Patient ID : 110925042

Age/Gender : 24 Years / Male

Ref No : 08

Client Name : CELESTIAL WELLNESS SOLUTION F



Registered On : 11-Sep-2025 03:28 PM

Sample Collected On : 11-Sep-2025 03:28 PM

Sample Reported On :

Sample Type : URINE

Sample ID 

### CLINICAL PATHOLOGY

Test Name	Result	Unit	Bio.Ref.Range
<b>URINE ROUTINE</b>			
<b>Physical Examination</b>			
Colour	Pale Yellow		Pale Yellow
Transparency (Appearance)	Clear		Clear
Reaction(pH)	Acidic (6.0)		Acidic
Specific Gravity	1.020		1.003 - 1.035
<b>Chemical Examination</b>			
Urine Protein (Albumin)	Absent		Absent
Urine Glucose (Sugar)	Absent		Absent
Urine Ketones (Acetone)	Absent		Absent
Bile Salt	Negative		Absent
Bile Pigment	Negative		0-1.0
<b>Microscopic Examination</b>			
W.B.C. (Pus Cells)	Absent	/ HPF	
Epithelial cells	Absent	/ HPF	
Red Blood Cells	Absent	/ HPF	
Casts	Absent		
Crystals	Absent		
Bacteria	Absent		
Yeast	Absent		
Note:	Microscopic examination of urine is carried out on centrifuged urinary sediment.		

*Dr. Mahajan*

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**Dr. Bhaskar Mahajan**

M.D. (Pathology)

Reg. No. : G-7578





**Ref. No. - AIL/Lic. No.24007/2024-25/05**

**Date: 10/09/2024**

To,  
The Deputy Director,  
Industrial Safety and Health,  
2nd Floor, Near Gayatri Nagar,  
Kanbivaga, Bahumali Building,  
Bharuch 392001

**Subject:** Submission of Revised On Site Emergency Plan for Aarti Industries Limited Mfg. location at Plot No. Z/103/H, SEZ II, Dahej.

**Ref.:** Factory License No. 24007 and As per Rule 68 J (12)(1) and Schedule 8 A of The Gujarat Factories Rules 1963 & Rule 13(1) and Schedule 11 of The MSIHC Rules 1989


Respected Sir,

We have revised our On Site Emergency Plan and enclosed herewith for your record.

Kindly acknowledge the receipt of the same and oblige.

Thanking you,

For, Aarti Industries Limited,  
Plot No. Z/103/H, SEZ II, Dahej,

  
Authorized Signatory  
Mr. Rikesh Patel

  
19/09/2024  
પ્રમિત કલક  
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય  
વિભાગ

Enclosure:

1. Original copy of Revised On Site Emergency Plan Aug. 2024

## AARTI INDUSTRIES LIMITED

### Check Points for Hazardous and Other Wastes vehicle (Truck/Tanker )

Sr No	Requirements	Remarks	
<b>A</b>	<b>TO BE FILLED BY SECURITY</b>		
1	Vehicle In Date & Time		
2	Vehicle required for	Loading/Unloading	
3	Name of Material/Waste		
4	Type of vehicle	Truck/Dumper/Tanker/Tractor	
5	Is vehicle condition is road worthy	Yes/No	
6	Name of Disposal Facility		
7	Vehicle registration number		
8	Name of Transporter		
9	Name & Contact Number of Driver		
10	Driver's Licence and its validity		
11	Alcohol Test of Driver	OK/NOT OK	
12	Requirement of flagman/signal man (cleaner)		
13	Avoid BIDI, CIGRETE, STOVE LIGHTER, MATCH BOX, MOBILE etc to be		
14	Spark arrester is provided and fitted	Yes/No	
15	PPEs provision (Helmet/ Safety goggles/ Safety shoes) To be provided from	Yes/No	
16	Vehicle PUC validity	OK/NOT OK	
17	Check Insurance of vehicle with validity	OK/NOT OK	
18	MSDS, in case of spent acid	OK/NOT OK	
19	Fire Extinguisher	OK/NOT OK	
20	First Aid Kit	OK/NOT OK	
21	Affixed of Hazchem information/GHS label pasted	Yes/No	
22	Is the Vehicle in given list	Yes/No	
23	GPS AIS-140 installed	Yes/No	
24	Any Leakage/Spillage form the vehicle	Yes/No	
25	Name of Contact person in AIL		
26	Vehicle body colour	Blue/Other	

27	Display of "HAZARDOUS WASTE" on vehicle body	Yes/No	
28	Hand Brake	Yes/No	
	<b>Singature, Date &amp; time of Inspecting person:</b>		
<b>B</b>	<b>TO BE FILLED BY USER DEPT.</b>		
1	Activeness of GPS AIS-140 (To be confirmed by ALC)	Yes/No	
2	Labelling of containers/vehicle as per FORM-8	Yes/No	
3	Vehicle covered with tarpaulin	Yes/No	
4	Any Leakage/Spillage form the vehicle/dripping of liquid	Yes/No	
5	Sealing of valves & manhole cover (in case of tanker)	Yes/No	
	<b>Singature, Date &amp; time of Inspecting person:</b>		
<b>C</b>	<b>TO BE FILLED BY ETP/DISPATCH</b>		
5	Signed & Stamped Manifest Copy - 3,4,5,6,7 (if applicable)	Yes/No	
6	Signed & Stamped TREM Card	Yes/No	
7	Invoice (Only in case of Spent Acid/Used Oil/Fly Ash/Empty Drums/Catalyst)	Yes/No	
8	Gate Pass/Google form/RGP	Yes/No	
9	Email communication to facility/end users	Yes/No	
10	Weighment Slip	Yes/No	
	<b>Singature, Date &amp; time of Inspecting person:</b>		
<b>D</b>	<b>TO BE FILLED BY SECURITY</b>		
1	Vehicle Out Date & Time		
2	Vehicle Out date		
3	Avaialbility of documents mentioned in section C	Yes/No	
4	Any Leakage/Spillage form the vehicle/dripping of liquid	Yes/No	
5	Name of accompainying security gurad for outstate along with doucements	Yes/No	
	<b>Singature, Date &amp; time of Inspecting person:</b>		
<b>E</b>	<b>FINAL APPROVAL</b>		
1	Approved & Signed by: ETP/Environment Manager/Engineer/NDO		
2	Approved & Signed by: Division Head		



(Refer rule 19)

OFFICE OF DEVELOPMENT COMMISSIONER,  
KANDLA SPECIAL ECONOMIC ZONE  
DEPARTMENT OF COMMERCE, GOVERNMENT OF INDIA

PH: 91-2836-252474,FAX: 91-2836-252250,Email: kasez@kasez.com,Website: www.kasez.com

Dated the : 05/08/2021  
.....

SEZ Address: 4TH FLOOR,FLORIDA CHAMBERS,TIMES OF INDIA BUILDING,ASHRAM ROAD,  
AHMEDABAD,Guja  
rat,India,380009

Reference: Your application No. - 201600003474 Dated 05/06/2021

LOA No.: Dahej SEZ/II/29/ASLLP/2011-12/6502

LOA Valid From: 05/08/2021      LOA Valid up to : 04/08/2026

Registered Address: PLOT NO. 80123,,PHASE III,,GIDC ESTATE,,VAPI,Gujarat,India,396195

SEZ Unit Address: PLOT NO. Z103H,,DAHEJ SEZ II,,TAL. VAGRA,,DIST. BHARUCH,Gujarat,India,392130

Subject: Your proposal for Renewal of LOA: Dahej SEZ/II/29/ASLLP/2011-12/6502 for unit in DAHEJ SEZ [SEZ]

Dear Sir/Madam,

With reference to the above mentioned application, Development Commissioner, DAHEJ SEZ [SEZ] is pleased to extend to you all the facilities and entitlements admissible to a unit in a Special Economic Zone subject to the provisions of the Special Economic Zones Act, 2005 and the rules and orders made there-under and for the establishment of a unit at DAHEJ SEZ [SEZ], in the State of GUJARAT, for undertaking authorised operations, namely, manufacture and rendering services including trading as under:-

## Authorised Operations

## 1. Manufacturing Activity

ITC HS Code	ITC HS Code/ CPC	Item Description
29039110		Mono Clorobenzene and other clorination products
29214290		2-Methyl-6-Ethyl Aniline and other Ethylation Product
29214290		Chlor Aniline, Dichloro Aniline and other Hydrogeneration Products

This approval is subject to following terms and conditions:

- i. You shall export the goods manufactured/ goods imported/procured for trading and services, including items of trading, as per provisions of the Special Economic Zones Act, 2005 and Rules made there-under for a period of five years from the date of commencement of production/service activities. For this purpose, you shall execute the Bond-cum-Legal Undertaking as prescribed under the Special Economic Zone Rules, 2006.
- ii. You shall fulfill the pollution control requirements, as may be prescribed by the Pollution Control authorities.
- iii. You shall achieve positive Net Foreign Exchange (NFE) as prescribed in the Special Economic Zone Rules, 2006 for the period you operate as a Unit in the Special Economic Zone from the commencement of production, failing which you shall be liable for penal action under the Foreign Trade (Development and Regulation) Act, 1992.
- iv. You may import or procure from the Domestic Tariff Area all the items required for your authorised operations under this approval, except those prohibited under the ITC (HS) Classifications of Export and Import items.
- v. You may supply/sell goods or services in the Domestic Tariff Area in terms of the provisions of the Special Economic Zones Act, 2005 and rules and orders made there-under.
- vi. This Letter of Approval is valid for a period of one year from its date of issue. You shall implement the project and commence production within one year period or within such period as may be extended.

- vii. Date of commencement of production shall be intimated to the Development Commissioner.
- viii. This Letter of Approval shall be valid for a period of five years from the date of commencement of production.
- ix. The approval is based on the details furnished by you in your project proposal/application.
- x. You shall abide by the provisions of Special Economic Zones Act, 2005 and the rules and orders made there-under.
- xi. You have the option to renew the approval or exit in terms of the provisions of the Special Economic Zones Act, 2005 and the rules and orders made there-under.
- xii. You shall confirm acceptance of the above terms and condition to the Development Commissioner within forty-five days of issue of this Letter of Approval.
- xiii. If you fail to comply with the conditions stipulated above, this Letter of Approval shall be cancelled as per the provisions of the Special Economic Zones Act, 2005 and the rules and orders made there-under.
- xiv. All future correspondence including for amendments/changes in terms and conditions of the Letter of Approval or for extension of its validity shall be addressed to the development commissioner.

Yours Faithfully,

Development Commissioner  
DAHEJ SEZ [SEZ]

Copy forwarded to: -  
Asstt Commissioner/Deputy Commissioner/Joint Commissioner (Custom)    DAHEJ SEZ [SEZ]  
\_\_\_\_\_

LOA Conditions

Sr No.	LOA Conditions	Added Date
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This LOA is Digitally Signed & Approved by Kundan Kumar

\_\_\_\_\_





# Dexo Fine Chem Pvt.Ltd.

Analysis of Chemicals, Pharma products, Dyes using HPLC, GC, UV-VIS,  
Flam photometer M.P., KF, pH, Related volumetric, Enviroment analysis etc.

Manufacturer-Fine & Specialty Chemicals

**AN ISO 9001:2015 CERTIFIED COMPANY**

## CERTIFICATE OF ANALYSIS

**CERTIFICATE NO/DCL/P/0667/25-26**

1. Name of Party/ Manufacturer	AARTI INDUSTRIES LTD- DAHEJ NEO SEZ UNIT
2. Sample Received on	07-10-2025
3. Name of Sample	Coal(Proximate Analysis)
4. Party Reference No.	--
5. Detail of Product	Raw Material / Final Product / In Bulk / Finished Pack

(1) Original Manufacturer Name:-

(4)Mfg Date:-

(2) Batch No:-

(5)Exp Date:-

(3) Sample Qty :- 1000 gm

(6)Batch Size:-

### Analysis Results :

Sr.No.	TEST PARAMETER	RESULT
1	Fix Carbon	40.06%w/w
2	Volatile Matter	39.22%w/w
3	Inherent Moisture	15.21%w/w
4	Total Moisture	38.22%w/w
5	Ash Content	9.63%w/w
6	GCV ( ADB )	3584 K.Cal/kg

Note: Party asked for above test only.

Analyst Sign

*(Signature)*

Date:-08-10-2025



Authorized Sign

*(Signature)*

### Note :

1. The result listed, refer only to the samples analyzed applicable parameters, Endorsement of Products is neither inferred nor Implied.
2. Total liability of our institute is limited to the invoice amount.
3. This report cannot be used as an evidence in the court of law nor reproduce completely or part, in any media (including print), without an explicit written permission from DFCPL.
4. Sample drawn and submitted by the party for analysis unless otherwise stated.
5. Analyzed samples are destroyed after completion of test.

Ref: AIL/DHJ/NEO/ENV/2025-26/015  
Date: 31.10.2025

ID: 41201

To,  
Deputy Director General of Forests  
Integrated Regional Office (IRO)  
Ministry of Environment, Forest & Climate Change (MoEF&CC)  
KARMAYOGI BHAWAN, Block-3, F-2 Wing, 5th Floor,  
Near CH-3 Circle, Sector - 10A, Gandhinagar - 382010

Subject: Half Yearly Environment Clearance conditions compliance report for the period of April-2025 to September-2025.

- Reference:-
- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013
  - 2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019
  - 3) Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020
  - 4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022
  - 5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of April-2025 to September-2025 in respect to the above mentioned references of Environment Clearance and its Amendments for Expansion of Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No. Z/103/H, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

The unit has obtained and implemented below mentioned ECs and submitted condition wise compliance for the same.

- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013.
- 2) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022.
- 3) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024.

Thanking You  
Yours faithfully,

For Aarti Industries Limited.

  
Authorized Signatory



Encl: EC Compliance with Annexures.

COPY TO:

1. The Member Secretary, GPCB, Gandhinagar
2. Email to The Regional Director, CPCB, Vadodara
3. Email to SEIAA, Gujarat
4. Uploaded in MOEF&CC(Parivesh) Portal

**A.A.DOLTI**  
**MEMBER SECRETARY**  
**SEIAA (GUJARAT)**



Government of Gujarat

**STATE LEVEL ENVIRONMENT**  
**IMPACT ASSESSMENT**  
**AUTHORITY**  
**GUJARAT**

No. SEIAA/GUJ/EC/5(f)/ 173 /2013

Date: **5 JUL 2013**  
Time Limit

**Sub: Environment Clearance to M/s. Anushakti Specialities Ltd. (Liability Partnership) for setting up of a pigment manufacturing unit at Plot No. Z/103/H, Dahej SEZ, Tal. Vagra, Dist. Bharuch..... in Category 5 (f) of Schedule annexed with EIA Notification dated 14/9/2006.**

Dear Sir,

This has reference to your application along with Form-I vide letter dated 07/01/2012, EIA Report vide letter dated 09/01/2013, Additional information / documents vide letter dated 03/06/2013, submitted to the SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for **M/s. Anushakti Specialities Ltd. (Liability Partnership) for setting up of a pigment manufacturing unit at Plot No. Z/103/H, Dahej SEZ, Tal. Vagra, Dist. Bharuch.** The unit is proposing to manufacture synthetic organic chemicals. The proposed products and by-products with production capacities are shown in table below:

Sr. No.	Name of product / by-product	Capacity in MT/Month
1	<b>Ethylation and Propoylation Products</b> [2- Methyl 6- Ethyl Aniline 2,6-Diethyl Aniline 3- Methyl 2-6 Diethyl Aniline 4-Methyl 2-6 Diethyl Aniline Isopropyl Aniline and 2, 6 Diisopropyl Aniline 2- Methyl-6-Isopropyl Aniline 4- Methyl 2,-6 Diisopropyl Aniline]	1500
2	<b>Hydrogenated Products</b> [Ortho Toludene Chloro Aniline DiChloro Aniline TriChloro Aniline Ortho Phenylene Diamine Phenylene Diamine 3,4 Diamino Diphenyl Ether 4,4 Diamino Diphenyl Ether]	500
3	<b>Chlorination Products</b>	
	Monochloro Benzene	1250
	Ortho Dichloro Benzene	800
	Para Dichloro Benzene	1200
	<b>By-products</b>	
4	Calcium Chloride (90% basis) or HCl (30%)	2416.54 or 4844.22
5	Al(OH) <sub>3</sub> or Al <sub>2</sub> O <sub>3</sub>	122.1 or 79.65
6	HF	19.5
7	H <sub>3</sub> BO <sub>3</sub>	20.25

The proposed project falls in the project no. 5(f) in the schedule of the EIA Notification-2006. As the project is located in notified industrial estate, it falls in Category B.

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is located in the notified industrial area, public consultation is not required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on 01.07.2013 at Gandhinagar. Since the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to the compliance of the following conditions.

#### **SPECIFIC CONDITIONS:**

##### **A.1 WATER:**

1. Fresh water requirement shall not exceed 614.6 KL/day and it shall be met by water supply system of the Dahej SEZ. Metering of water shall be done and records of daily water consumption shall be maintained. No ground water shall be used for the project.
2. Industrial effluent generation shall not exceed 86.85 KL/day whereas domestic wastewater generation shall not exceed 7 KL/day.
3. Effluent to the tune of 25.85 KL/day [16.45 KL/day of process and washing effluent after solvent recovery by distillation, 2.4 KL/day of scrubber effluent and 7 KL/day of domestic wastewater] shall be treated in the ETP comprising of primary, secondary and tertiary treatment facilities.
4. 25.85 KL/day of treated effluent from ETP, 20 KL/day of D.M. generation effluent, 13 KL/day of boiler blow-down and 35 KL/day of cooling tower blow-down; i.e. total 93.85 KL/day of effluent shall be passed through RO system. RO permeate water to the tune of 70.35 KL/day shall be reused in cooling tower whereas RO reject water to the tune of 23.5 KL/day shall be evaporated completely with help of MEE. Hence, there shall be no effluent discharge from the unit.
5. Condensate water from MEE shall be completely reused in cooling tower.
6. The unit shall provide adequate ETP comprising of primary, secondary & tertiary treatment facilities, RO Plant and MEE for treatment and disposal of wastewater. These facilities shall be operated regularly and efficiently so as to achieve and maintain zero discharge status.
7. The unit shall not get GIDC underground drainage connection and strictly adhere to the zero discharge status.
8. The unit shall provide metering facility, maintain records of effluent treated, reused & evaporated and furnish it to the GPCB from time to time.
9. Proper logbooks of ETP, RO Plant and MEE operations and also showing chemical consumption, power consumption, quantities of effluent treated, reused, evaporated reused etc. shall be maintained and furnished to the GPCB from time to time.
10. Regular performance evaluation of the ETP shall be undertaken every year to check its adequacy, through credible institutes like L.D. College of Engineering, NPC or such other institutes of similar repute, and its records shall be maintained.
11. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

##### **A.2 AIR:**

12. Natural gas to the tune of 2000 Kg/Hr, 187.5 Kg/Hr & 5 Kg/Hr shall be used as a fuel in Boiler-1 (20 TPH), Thermic Fluid Heater & flaring respectively.
13. Diesel to the tune of 270 Lit/Hr shall be used as a fuel in each of the D.G.Sets (1000 KVA x 2 no.).
14. Coal to the tune of 3333.3 Kg/Hr, 200 Kg/Hr & 200 Kg/Hr. shall be used as a fuel in Boiler-2 (20 TPH), CaCO<sub>3</sub> Drier & Ethylation Furnace respectively.
15. ESP shall be provided for control of flue gas emission from the coal fired Boiler-2.
16. Wet scrubbers shall be provided for control of flue gas emission from CaCO<sub>3</sub> Drier and Ethylation Furnace.
17. The process emission of HCl from CaCO<sub>3</sub> Reactor and HCl & Cl<sub>2</sub> from Chlorinator shall be controlled with help of Falling Film Absorber followed by Alkali Scrubber.
18. The air pollution control equipments / systems shall be operated efficiently and effectively to achieve the norms prescribed by the GPCB at vent / stack outlets.
19. Stacks of adequate height as per prevailing norms shall be provided for the flue gas and process emissions.
20. The unit shall undertake measures for solvent recovery and adequate reflux condensers and chilled brine secondary condensers shall be provided for controlling escape of low boiling solvents. Solvent recovery shall not be less than 95 percent in any case.
21. Measures shall be taken to reduce the process vapors emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapour recovery system.
22. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health).
23. Regular monitoring of ground level concentrations of SO<sub>2</sub>, NO<sub>x</sub>, HCl, Cl<sub>2</sub> PM<sub>10</sub> and PM<sub>2.5</sub> shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB.



If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

#### **A.3 HAZARDOUS / SOLID WASTES:**

24. The unit must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.
25. The hazardous wastes shall be stored in separate designated hazardous waste storage facility with impervious bottom and leachate collection facility, before its disposal.
26. ETP sludge shall be sent to the Common TSDF. The unit shall obtain necessary membership of the nearest TSDF operator before commencing production activities.
27. Residues from Hydrogenation and Chlorination shall be sent to the Common Hazardous Waste Incineration [CHWI] facility. The unit shall obtain membership of the nearest CHWI operator before commencing production activities.
28. Spent catalyst shall be sold only to the registered recyclers / regenerators.
29. Used oil shall be sold only to the registered recyclers.
30. HCl (30%) shall be converted to Calcium Chloride in onsite  $\text{CaCl}_2$  Plant and HCl (30%) shall be sold to sister concern M/s. Aarti Salt & Chemical located at Plot No. A/1-6 & 9, Phase-I, GIDC, Vapi, only during unforeseen circumstances.
31. Other co-products / spent acids shall be sold only to authorized actual end consumers and records of sell shall be maintained and furnished to the GPCB from time to time.
32. The discarded containers / drums / liners / bags shall be either reused or sold only to registered recyclers after its decontamination.

#### **A.4 SAFETY:**

33. The project management shall strictly comply with the provisions made in the Factories Act, 1948 as well as Manufacture, Storage and Impact of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals.
34. Necessary approvals from PESO and concerned Govt. Authorities shall be obtained before commissioning of the project.
35. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals; especially solvents and chlorine.
36. Proper ventilation shall be provided in the work area.
37. Storage and use of hazardous chemicals shall be minimized to the extent possible.
38. Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
39. Storage of hazardous chemicals shall be in multiple small capacity tanks / containers instead of one single large capacity tank to reduce the risk.
40. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Close handling system for chemicals shall be provided.
41. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
42. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity at all the times.
43. Necessary tie up with the nearby doctor qualified for occupational health shall be made to ensure that the medical treatment is given within the shortest possible time in case of any adverse condition.
44. Training shall be given to all workers on safety and health aspects of handling chemicals.
45. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act and Rules.
46. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health.
47. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act & Rules.
48. All transporting routes within the factory premise shall have paved roads to minimize splashes and spillages.

#### **A.5 NOISE:**

49. The overall noise level in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules. Workplace noise levels for workers shall be as per the Factories Act and Rules.

#### **A.6 WASTE MINIMIZATION & CLEANER PRODUCTION:**

50. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
51. The company shall undertake following waste minimization measures:
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw materials substitutes in other process.
  - c. Use of automated and close filling to minimize spillages.
  - d. Use of close feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation.



- g. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.
- h. Regular preventive maintenance for avoiding leakage, spillage etc

#### **A.7 GREEN BELT:**

- 52. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation at suitable open land on road sides and other open areas within the GIDC / SEZ area or in nearby locality / schools and submit an action plan of plantation for next three years to the GPCB.
- 53. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

#### **B. OTHER CONDITIONS:**

- 54. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- 55. A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.
- 56. The funds earmarked for environment protection measures shall be maintained in a separate account and there shall not be any diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported.
- 57. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
- 58. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
- 59. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.
- 60. The company shall carry out socio-economic developmental / community welfare activities in consultation with the District Development Officer / District Collector.
- 61. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the EIA report.
- 62. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
- 63. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
- 64. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- 65. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
- 66. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
- 67. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
- 68. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 69. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
- 70. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
- 71. This environmental clearance is valid for five years from the date of issue.
- 72. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

With regards,  
Yours sincerely,

(A.A.DOLTI)  
Member Secretary

**Issued to:**

**Shri Kirit R. Mehta, Director,  
Anushakti Specialities Ltd.,  
Plot No. 801/23, GIDC Estate,  
Phase-III, Vapi.**

**Copy to:-**

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
6. Select File

**(A.A.DOLT)**

**Member Secretary**

Dr. K. RAMESH, IFS  
MEMBER SECRETARY  
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

No. SEIAA/GUJ/EC/5(f)/ /2020

1639

Date: 31 DEC 2020 BY R.P.A.D.

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/5(f)/171/2013 dated 02/07/2013 & SEIAA/GUJ/EC/5(f)/574/2019 dated 10/04/2019.

(Under the provision of Environmental Impact Assessment (EIA) Notification, 2006)

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to M/s. Aarti Industries Limited of 'Synthetic Organic Chemicals' manufacturing plant at Plot No. Z/103/H, GIDC notified Industrial Estate, Dahej SEZ, Tal. Vagra, Dist. Bharuch, State: Gujarat, vide this office letter no. SEIAA/GUJ/EC/5(f)/171/2013 dated 05/07/2013 & SEIAA/GUJ/EC/5(f)/574/2019 dated 10/04/2019, is being subjected to amendment for the following change in the project.

And whereas SEIAA has granted Environment Clearance vide office order letter no. SEIAA/GUJ/EC/5(f)/171/2013 dated 05/07/2013 & SEIAA/GUJ/EC/5(f)/574/2019 dated 10/04/2019, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/IND2/151995/2020 dated 10/07/2020. The project was scheduled for hearing in the SEAC meeting held on 26/10/2020.

The SEAC, Gujarat had recommended the project vide their letter dated 02/12/2020 to grant amendment in Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 26/10/2020. The proposal was considered by SEIAA, Gujarat in its meeting held on 08/12/2020 at Gandhinagar. After careful consideration, Environment Clearance order dated 05/07/2013 is hereby amended as under.

1. Change in Condition No. 12, 13, 14, 15 & 16 of the environmental clearance order no. SEIAA/GUJ/EC/5(f)/171/2013 dated 05/07/2013 have been amended and shall be read as under and Extension of validity of EC granted to M/s Aarti Industries Ltd for further three years i.e 05/07/2023 with remaining condition unchanged in EC granted by SEIAA, Gujarat vide Letter No. SEIAA/GUJ/EC/5(f)/ 171 /2013 Dated: 5 July 2013.

i. Condition No. 12 shall now be read as under:

12. Unit shall not exceed fuel consumption for THF, steam boiler, furnace and stand by DG Set as mentioned below:

Sr. No.	Stack attached to	Type of Fuel	Quantity	Stack Height in meters	Air pollution control system	Parameters
1.	Boiler -I Capacity - 20 TPH	Coal	3333.3 Kg/Hr	42 (Common chimney with Boiler)	ESP	SPM SO <sub>2</sub> NO <sub>x</sub>
2.	Thermic Fluid Heater Capacity - 20 Lac Kcal/Hr	Natural Gas	187.5 Kg/Hr			



Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010  
Phone No.:- (079) 232-32152, 232-41514 Fax No.:- (079) 232-22784  
E-mail : [msselaag@gmail.com](mailto:msselaag@gmail.com), Website:- [www.seiaa.gujarat.gov.in](http://www.seiaa.gujarat.gov.in)

Page 1 of 2

3.	D.G. Set Capacity – 1000 KVA	Diesel	270 Lit/Hour	11 Dia:220 mm	--	
4.	D.G. Set Capacity – 1000 KVA	Diesel	270 Lit/Hour	11 Dia:220 mm	--	
5.	Ethylation Furnace vent	Coal	150 Kg/Hr	42	Wet Scrubber	
6.	Boiler –II Capacity – 67 TPH	Coal	310 MT/Day	45 Dia:1400 mm	ESP+ Lime dosing	SPM SO <sub>2</sub> NO <sub>x</sub>

ii. **Condition No. 13 shall now be read as under:**

13 Unit shall provide adequate APCM with flue gas generation sources as mentioned above:

iii. **Condition No: 14, 15 & 16 shall be considered as null and void.**

Rest of all the conditions of the Environment Clearance orders no SEIAA/GUJ/EC/5(7)/171/2013 dated 05/07/2013 shall remain unchanged.

With regards,  
Yours sincerely,

(Dr. K. RAMESH)  
Member Secretary



**Issued to:**

Aarti Industries Limited,  
Z/103/H,  
GIDC notified industrial Estate,  
Dahej SEZ,  
Tal.Vagra,  
Dist. Bharuch,  
Gujarat.



No. SEIAA/GUJ/EC/5(f)/ 173 /2013

Date: 5 JUL 2013  
Time Limit

**Sub: Environment Clearance to M/s. Anushakti Specialities Ltd. (Liability Partnership) for setting up of a pigment manufacturing unit at Plot No. Z/103/H, Dahej SEZ, Tal. Vagra, Dist. Bharuch..... in Category 5 (f) of Schedule annexed with EIA Notification dated 14/9/2006.**

Dear Sir,

This has reference to your application along with Form-I vide letter dated 07/01/2012, EIA Report vide letter dated 09/01/2013, Additional information / documents vide letter dated 03/06/2013, submitted to the SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for M/s. Anushakti Specialities Ltd. (Liability Partnership) for setting up of a pigment manufacturing unit at Plot No. Z/103/H, Dahej SEZ, Tal. Vagra, Dist. Bharuch. The unit is proposing to manufacture synthetic organic chemicals. The proposed products and by-products with production capacities are shown in table below:

Sr. No.	Name of product / by-product	Capacity in MT/Month
1	<b>Ethylation and Propoylation Products</b> [2- Methyl 6- Ethyl Aniline 2,6-Diethyl Aniline 3- Methyl 2-6 Diethyl Aniline 4-Methyl 2-6 Diethyl Aniline Isopropyl Aniline and 2, 6 Diisopropyl Aniline 2- Methyl-6-Isopropyl Aniline 4- Methyl 2,-6 Diisopropyl Aniline]	1500
2	<b>Hydrogenated Products</b> [Ortho Toludene Chloro Aniline DiChloro Aniline TriChloro Aniline Ortho Phenylene Diamine Phenylene Diamine 3,4 Diamino Diphenyl Ether 4,4 Diamino Diphenyl Ether]	500
3	<b>Chlorination Products</b>	
	Monochloro Benzene	1250
	Ortho Dichloro Benzene	800
	Para Dichloro Benzene	1200
	<b>By-products</b>	
4	Calcium Chloride (90% basis) or HCl (30%)	2416.54 or 4844.22
5	Al(OH) <sub>3</sub> or Al <sub>2</sub> O <sub>3</sub>	122.1 or 79.65
6	HF	19.5
7	H <sub>3</sub> BO <sub>3</sub>	20.25

The proposed project falls in the project no. 5(f) in the schedule of the EIA Notification-2006. As the project is located in notified industrial estate, it falls in Category B.



The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is located in the notified industrial area, public consultation is not required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on 01.07.2013 at Gandhinagar. Since the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to the compliance of the following conditions.

#### **SPECIFIC CONDITIONS:**

##### **A.1 WATER:**

1. Fresh water requirement shall not exceed 614.6 KL/day and it shall be met by water supply system of the Dahej SEZ. Metering of water shall be done and records of daily water consumption shall be maintained. No ground water shall be used for the project.
2. Industrial effluent generation shall not exceed 86.85 KL/day whereas domestic wastewater generation shall not exceed 7 KL/day.
3. Effluent to the tune of 25.85 KL/day [16.45 KL/day of process and washing effluent after solvent recovery by distillation, 2.4 KL/day of scrubber effluent and 7 KL/day of domestic wastewater] shall be treated in the ETP comprising of primary, secondary and tertiary treatment facilities.
4. 25.85 KL/day of treated effluent from ETP, 20 KL/day of D.M. generation effluent, 13 KL/day of boiler blow-down and 35 KL/day of cooling tower blow-down; i.e. total 93.85 KL/day of effluent shall be passed through RO system. RO permeate water to the tune of 70.35 KL/day shall be reused in cooling tower whereas RO reject water to the tune of 23.5 KL/day shall be evaporated completely with help of MEE. Hence, there shall be no effluent discharge from the unit.
5. Condensate water from MEE shall be completely reused in cooling tower.
6. The unit shall provide adequate ETP comprising of primary, secondary & tertiary treatment facilities, RO Plant and MEE for treatment and disposal of wastewater. These facilities shall be operated regularly and efficiently so as to achieve and maintain zero discharge status.
7. The unit shall not get GIDC underground drainage connection and strictly adhere to the zero discharge status.
8. The unit shall provide metering facility, maintain records of effluent treated, reused & evaporated and furnish it to the GPCB from time to time.
9. Proper logbooks of ETP, RO Plant and MEE operations and also showing chemical consumption, power consumption, quantities of effluent treated, reused, evaporated reused etc. shall be maintained and furnished to the GPCB from time to time.
10. Regular performance evaluation of the ETP shall be undertaken every year to check its adequacy, through credible institutes like L.D. College of Engineering, NPC or such other institutes of similar repute, and its records shall be maintained.
11. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

##### **A.2 AIR:**

12. Natural gas to the tune of 2000 Kg/Hr, 187.5 Kg/Hr & 5 Kg/Hr shall be used as a fuel in Boiler-1 (20 TPH), Thermic Fluid Heater & flaring respectively.
13. Diesel to the tune of 270 Lit/Hr shall be used as a fuel in each of the D.G.Sets (1000 KVA x 2 no.).
14. Coal to the tune of 3333.3 Kg/Hr, 200 Kg/Hr & 200 Kg/Hr. shall be used as a fuel in Boiler-2 (20 TPH), CaCO<sub>3</sub> Drier & Ethylation Furnace respectively.
15. ESP shall be provided for control of flue gas emission from the coal fired Boiler-2.
16. Wet scrubbers shall be provided for control of flue gas emission from CaCO<sub>3</sub> Drier and Ethylation Furnace.
17. The process emission of HCl from CaCO<sub>3</sub> Reactor and HCl & Cl<sub>2</sub> from Chlorinator shall be controlled with help of Falling Film Absorber followed by Alkali Scrubber.
18. The air pollution control equipments / systems shall be operated efficiently and effectively to achieve the norms prescribed by the GPCB at vent / stack outlets.
19. Stacks of adequate height as per prevailing norms shall be provided for the flue gas and process emissions.
20. The unit shall undertake measures for solvent recovery and adequate reflux condensers and chilled brine secondary condensers shall be provided for controlling escape of low boiling solvents. Solvent recovery shall not be less than 95 percent in any case.
21. Measures shall be taken to reduce the process vapors emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapour recovery system.
22. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health).
23. Regular monitoring of ground level concentrations of SO<sub>2</sub>, NO<sub>x</sub>, HCl, Cl<sub>2</sub> PM<sub>10</sub> and PM<sub>2.5</sub> shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB.

If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

#### **A.3 HAZARDOUS / SOLID WASTES:**

24. The unit must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.
25. The hazardous wastes shall be stored in separate designated hazardous waste storage facility with impervious bottom and leachate collection facility, before its disposal.
26. ETP sludge shall be sent to the Common TSDF. The unit shall obtain necessary membership of the nearest TSDF operator before commencing production activities.
27. Residues from Hydrogenation and Chlorination shall be sent to the Common Hazardous Waste Incineration [CHWI] facility. The unit shall obtain membership of the nearest CHWI operator before commencing production activities.
28. Spent catalyst shall be sold only to the registered recyclers / regenerators.
29. Used oil shall be sold only to the registered recyclers.
30. HCl (30%) shall be converted to Calcium Chloride in onsite  $\text{CaCl}_2$  Plant and HCl (30%) shall be sold to sister concern M/s. Aarti Salt & Chemical located at Plot No. A/1-6 & 9, Phase-I, GIDC, Vapi, only during unforeseen circumstances.
31. Other co-products / spent acids shall be sold only to authorized actual end consumers and records of sell shall be maintained and furnished to the GPCB from time to time.
32. The discarded containers / drums / liners / bags shall be either reused or sold only to registered recyclers after its decontamination.

#### **A.4 SAFETY:**

33. The project management shall strictly comply with the provisions made in the Factories Act, 1948 as well as Manufacture, Storage and Impact of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals.
34. Necessary approvals from PESO and concerned Govt. Authorities shall be obtained before commissioning of the project.
35. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals; especially solvents and chlorine.
36. Proper ventilation shall be provided in the work area.
37. Storage and use of hazardous chemicals shall be minimized to the extent possible.
38. Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
39. Storage of hazardous chemicals shall be in multiple small capacity tanks / containers instead of one single large capacity tank to reduce the risk.
40. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Close handling system for chemicals shall be provided.
41. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
42. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity at all the times.
43. Necessary tie up with the nearby doctor qualified for occupational health shall be made to ensure that the medical treatment is given within the shortest possible time in case of any adverse condition.
44. Training shall be given to all workers on safety and health aspects of handling chemicals.
45. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act and Rules.
46. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health.
47. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act & Rules.
48. All transporting routes within the factory premise shall have paved roads to minimize splashes and spillages.

#### **A.5 NOISE:**

49. The overall noise level in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules. Workplace noise levels for workers shall be as per the Factories Act and Rules.

#### **A.6 WASTE MINIMIZATION & CLEANER PRODUCTION:**

50. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
51. The company shall undertake following waste minimization measures:
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw materials substitutes in other process.
  - c. Use of automated and close filling to minimize spillages.
  - d. Use of close feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation.

- g. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.
- h. Regular preventive maintenance for avoiding leakage, spillage etc

#### **A.7 GREEN BELT:**

- 52. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation at suitable open land on road sides and other open areas within the GIDC / SEZ area or in nearby locality / schools and submit an action plan of plantation for next three years to the GPCB.
- 53. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

#### **B. OTHER CONDITIONS:**

- 54. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- 55. A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.
- 56. The funds earmarked for environment protection measures shall be maintained in a separate account and there shall not be any diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported.
- 57. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
- 58. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
- 59. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.
- 60. The company shall carry out socio-economic developmental / community welfare activities in consultation with the District Development Officer / District Collector.
- 61. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the EIA report.
- 62. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
- 63. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
- 64. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- 65. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
- 66. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
- 67. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
- 68. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 69. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
- 70. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
- 71. This environmental clearance is valid for five years from the date of issue.
- 72. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

With regards,  
Yours sincerely,

(A.A.DOLTI)  
Member Secretary

**Issued to:**

**Shri Kirit R. Mehta, Director,  
Anushakti Specialities Ltd.,  
Plot No. 801/23, GIDC Estate,  
Phase-III, Vapi.**

**Copy to:-**

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6. Select File

**(A.A.DOLT)**

**Member Secretary**



No. SEIAA/GUJ/EC/5(f)/1639/2020

Date: 31 DEC 2020 BY R.P.A.D.

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/5(f)/171/2013 dated 02/07/2013 & SEIAA/GUJ/EC/5(f)/574/2019 dated 10/04/2019.

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1. Change in Condition No. 12, 13, 14, 15 & 16 of the environmental clearance order no. SEIAA/GUJ/EC/5(f)/171/2013 dated 05/07/2013 have been amended and shall be read as under and Extension of validity of EC granted to M/s Aarti Industries Ltd for further three years i.e 05/07/2023 with remaining condition unchanged in EC granted by SEIAA, Gujarat vide Letter No. SEIAA/GUJ/EC/5(f)/ 171 /2013 Dated: 5 July 2013.

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2.	Thermic Fluid Heater Capacity - 20 Lac Kcal/Hr	Natural Gas	187.5 Kg/Hr			





3.	D.G. Set Capacity – 1000 KVA	Diesel	270 Lit/Hour	11 Dia:220 mm	--	
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5.	Ethylation Furnace vent	Coal	150 Kg/Hr	42	Wet Scrubber	
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With regards,  
Yours sincerely,

(Dr. K. RAMESH)  
Member Secretary



**Issued to:**

**Aarti Industries Limited,  
Z/103/H,  
GIDC notified industrial Estate,  
Dahej SEZ,  
Tal.Vagra,  
Dist. Bharuch,  
Gujarat.**



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), Gujarat)**

To,

The Sr. General Manager-Corporate Environment Head

AARTI INDUSTRIES LIMITED

Plot No. Z/103/H, GIDC Notified Industrial Estate, SEZ-II, Dahej-392130,  
Tal: Vagra, Dist. Bharuch, Gujarat -392130

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/GJ/IND3/64482/2021 dated 22 Dec 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC22B021GJ174420   |
| 2. File No.                                   | SIA/GJ/226711/2021   |
| 3. Project Type                               | Expansion  |
| 4. Category                                   | B1   |
| 5. Project/Activity including<br>Schedule No. | 5(f) Synthetic organic chemicals industry<br>(dyes & dye intermediates; bulk |
| 6. Name of Project                            | M/s. Aarti Industries Limited (Unit I)                                       |
| 7. Name of Company/Organization               | AARTI INDUSTRIES LIMITED   |
| 8. Location of Project                        | Gujarat  |
| 9. TOR Date                                   | 06 Jul 2021  |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 09/11/2022

(e-signed)  
Prakash K. Majmudar  
Member Secretary  
SEIAA - (Gujarat)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*





No. SEIAA/GUJ/EC/5(f)/2 630 /2022

Date: 07 NOV 2022 By R P A D

Time Limit

Sub: Environment Clearance to M/s. Aarti Industries Limited (Unit I) for setting up manufacturing plant of 'Synthetic Organic Chemicals' at Plot No: Z/103/H, Vill: Dahej SEZ, Ta: Vagra, Dist: Bharuch, In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND3/64482/2021.

Dear Sir,

This has reference to your application along with EIA report dated 07/01/2022 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to M/s. Aarti Industries Limited (Unit I) for setting up manufacturing plant of 'Synthetic Organic Chemicals' at Plot No: Z/103/H, Vill: Dahej SEZ, Ta: Vagra, Dist: Bharuch. It is a proposed unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006.

Sr. No.	Name of Product	CAS No.	Quantity MT/Annum		Total	End Use of Product
			Existing	Proposed		
<b>A</b>						
<b>Ethylation and Propoylation Products</b>						
1	2-Methyl 6-Ethyl Aniline And/Or	24549-06-2	18000	36000	54000	Dyes, Dye intermediates, Basic pharma intermediates, Pigments, Polymer, Optical brighteners
2	2,6 Diethyl Aniline And/Or	579-66-8				
3	3-Methyl 2,6 Diethyl Aniline And/Or	67330-61-4				
4	4-Methyl 2,6 Diethyl Aniline And/Or	24544-08-9				
5	Isopropyl Aniline and 2,6 Diisopropyl Aniline And/Or	24544-04-5/ 643-28-7				
6	2-Methyl-6-Isopropyl Aniline And/Or	5266-85-3				
7	4-Methyl 2,6 Diisopropyl Aniline And/Or	24544-09-0				
8	2-Ethyl Aniline (OEA) And/Or	578-54-1				
9	3,5-Diethyl Toluene 2,6-Diamine (DETDA) and 3,5-Diethyl Toluene 2,4-Diamine (DETDA) And/Or	2095-01-4/ 2095-02-5	0	54000		
10	3-chloro-2,6-diethylaniline (CDEA) & 3-chloro-2-ethylaniline (CEA)	67330-62-5 & 90006-42-1				
<b>B</b>						
	Ortho Toluidine/Para Toluidine/Meta Toluidine Distillation (Physical Separation)	95-53-4/ 106-49-0/ 108-44-1	0	6000	6000	Dyes, Dye intermediates, Basic pharma intermediates, Pigments, Polymer
<b>Hydrogenated Products</b>						
	Ortho Toluidine And/Or	95-53-4	6000	-6000	0	Raw material for drugs, Dyes
	Chloro Aniline And/Or	106-47-8				
	DiChloro Aniline And/Or	554-00-7				
	TriChloro Aniline And/Or	634-67-3				
	Ortho Phenylene Diamine And/Or	95-54-5				

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6	Phenylene Diamine And/Or	106-50-3				
7	3,4 Diamino Diphenyl Ether And/Or	2657-87-6				In production of Polyimide & polyesterimide resins
8	4,4 Diamino Diphenyl Ether	101-80-4				
<b>Chlorination Products</b>						
1	Monochloro Benzene And/Or	108-90-7	15000	-15000		Dyes & Dyes intermediate
2	Ortho Dichloro Benzene And/Or	95-50-1	9600	-9600	0	
3	Para Dichloro Benzene	106-46-7	14400	-14400		
<b>Total for Organic Technical Manufacturing (A+B)</b>			<b>63000</b>	<b>-3000</b>	<b>60000</b>	

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is located in notified industrial area, public consultation is not required as per paragraph 7(i) (iii) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated 28/07/2022 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 16/09/2022. The proposal was considered by SEIAA, Gujarat in its meeting held on 20/10/2022 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

#### **A. CONDITIONS :**

##### **A.1 SPECIFIC CONDITION :**

- Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PC1-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB/CPCB on real time basis. [For Small/Large/Medium (Red Category) & Whichever (Air emission & Effluent discharge) is applicable].
- Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.
- The National Ambient Air Quality Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be complied with.
- National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 dated 21/07/2010 and amended from time to time shall be followed.
- Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants and shall carry out the project development in accordance & consistence with the same.
- All measures shall be taken to avoid soil and ground water contamination within premises.
- Safety & Health:**
  - PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-0.
  - PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.
  - Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
  - PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.
  - PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.
  - PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.
  - PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises.
  - Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.
  - Unit shall provide water sprinkler to the ammonia storage cylinder.
  - Unit shall never store drum/barrels/carboys of incompatible material/chemical together.
  - Unit shall provide effective isolation for Process area and storage of hazardous chemicals.

##### **A.2 WATER :**

- Total water requirement for the project shall not exceed 3072 KLD. Unit shall reuse 776 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 2296 KLD and it shall be met through GIDC water.





- supply only. Prior permission from concerned authority for withdrawal of water shall be obtained.
9. The industrial effluent generation from the project shall not exceed 724 KLD.
  10. Management of Industrial effluent shall be as under:
    - 47 KLD effluent generated from process, washing and scrubber shall be in primary, secondary & tertiary ETP followed by RO-III. 33 KLD RO-III permeate shall be reused within premises.
    - 677 KLD effluent generated from boiler, cooling tower and DM reject shall be treated in primary ETP followed by RO-I. 507 KLD RO-I permeate shall be reused within premises and 170 KLD RO-I reject shall be treated in RO-II. 119 KLD RO-II permeate shall be reused within premises.
    - 14 KLD RO-III reject and 51 KLD RO-II reject shall be treated in MEE/ATFD. 60 KLD MEE condensate shall be reused within premises.
  11. Domestic wastewater generation shall not exceed 57 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off into soak pit/ septic tank. Treated sewage shall be utilized for gardening & plantation purpose and cooling tower within premises after achieving on-land discharge norms prescribed by the GPCB.
  12. During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.
  13. Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.
  14. Unit shall provide ETP, STP, ROs & MEE with adequate capacity.
  15. The unit shall provide metering facility at the inlet and outlet of ETP, STP, ROs & MEE and maintain records for the same.
  16. Proper logbooks of ETP, STP, ROs & MEE; reuse/ recycle of treated/ untreated effluent, chemical consumption in effluent treatment, quantity & quality of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.

#### A.3A1R:

17. Unit shall not exceed fuel consumption for boilers, TFHs and D G Sets as mentioned below.

Sr. no.	Source of emission With Capacity	Stack Height (meters)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
Existing						
1	Boiler-I Capacity: 20 TPH	42 (Common chimney with Boiler)	Coal	3333.3 kg/hr	PM-150 mg/Nm3  SO <sub>2</sub> -100 ppm & NO <sub>x</sub> -50 ppm	ESP +Dry scrubber (Lime dosing along with coal)
2	Thermic Fluid Heater-I Capacity: 20 Lac KCal/hr		Natural gas	187.5 kg/hr		
3	Boiler-II Capacity: 67 TPH	80	Coal	310 MT/day		ESP +Dry scrubber (Lime dosing along with coal)
4	D.G. Set Capacity: 1000 KVA	30	Diesel	270 L/hr		--
5	D.G. Set Capacity: 1000 KVA	30	Diesel	270 L/hr		--
6	D.G. Set Capacity: 1500 KVA	30	Diesel	300 L/hr		--
7	Ethylation Furnace Vent	42	Coal	150 kg/hr		Wet Scrubber
Proposed Additional						
1	Boiler-III Capacity: 67 TPH	80 (Common chimney with Boiler-II)	Coal	12.917 MT/hr	PM-150 mg/Nm3, SO <sub>2</sub> -100 ppm & NO <sub>x</sub> -50 ppm	ESP +Dry scrubber (Lime dosing along with coal)
2	Thermic Fluid Heater-II Capacity: 40 Lac Kcal/hr	35	Coal	1.4 MT/hr		Bag filter + Dry scrubber (Lime dosing along with coal)
3	D.G. Set Capacity: 2500 KVA	30	Diesel	750 L/hr		--



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Total After Proposed Expansion					
1	Boiler-I Capacity: 20 TPH	42 (Common chimney with Boiler)	Coal	3.3333 MT/hr	ESP+ Dry scrubber (Lime dosing along with coal)
2	Thermic Fluid Heater Capacity: 20 Lac KCal/hr		Natural gas	0.1875 MT/hr	
3	Boiler-II Capacity: 67 TPH	80 (Common chimney)	Coal	12.917 MT/hr	ESP + Dry scrubber (Lime dosing along with coal)
4	Boiler-III Capacity: 67 TPH		Coal	12.917 MT/hr	ESP + Dry scrubber (Lime dosing along with coal)
5	Thermic Fluid Heater Capacity: 40 Lac Kcal/hr	35	Coal	1.4 MT/hr	Bag filter + Dry scrubber (Lime dosing along with coal)
6	D.G. Set Capacity: 1000 KVA	30	Diesel	270 L/hr	--
7	D.G. Set Capacity: 1000 KVA	30	Diesel	270 L/hr	--
8	D.G. Set Capacity: 1500 KVA	30	Diesel	300 L/hr	--
9	D.G. Set Capacity: 2500 KVA	30	Diesel	750 L/hr	--

PM-150  
mg/Nm<sup>3</sup>, SO<sub>2</sub>-  
100 ppm &  
NO<sub>x</sub>-50 ppm

18. Unit shall provide adequate APCM with flue gas generation sources to achieve the norms prescribed by GPCB.  
19. Unit shall provide adequate APCM with process gas generation sources as mentioned below.

Sr. No.	Specific Source of emission (Name of the Product & Process)	Type of emission	Stack/Vent Height (meter)	Air Pollution Control Measures (APCM)
Existing				
1	CaCO <sub>3</sub> reactor	HCl	11	Falling film absorber followed by alkali scrubber
2	Chlorinator	HCl	11	Falling film absorber followed by Tail gas tower.
3	Flare stack (Reactor, NG consumption 5 kg/hr for flaring)	--	18	--
4	Scrubber to Hydrolysis Process-I	HCl	11	Caustic Scrubber
Proposed Additional				
1	Scrubber to Hydrolysis Process-II	HCl	11	Caustic Scrubber
2	Flare stack (Reactor, NG consumption 10 kg/hr for flaring)	--	18	--
Proposed Total				
1	Scrubber to Hydrolysis Process-I	HCl	11	Caustic Scrubber
2	Scrubber to Hydrolysis Process-II	HCl	11	Caustic Scrubber
3	Flare stack (Reactor, NG consumption 10 kg/hr for flaring)	--	18	--

20. PP shall use approved fuels only as fuel in boilers.  
21. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative



- guidelines shall also be followed to reduce the fugitive emission
- Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.
  - Air borne dust shall be controlled with water sprinklers at suitable locations in the plant
  - A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission
22. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
23. For control of fugitive emission, VOCs, following steps shall be followed
- Closed handling and charging system shall be provided for chemicals
  - Reflux condenser shall be provided over Reactors / Vessels
  - Pumps shall be provided with mechanical seals to prevent leakages
  - Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures
24. Regular monitoring of ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, HCl and VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

#### A.4 SOLID / HAZARDOUS WASTE:

25. All the hazardous/ solid waste management shall be taken care as mentioned below

Waste management shall be taken care as mentioned below

Sr. No.	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Category and Schedule as per HW Rules.	Quantity (MT/Annum)			Management of HW
				Existing	Proposed	Total	
I HAZARDOUS WASTE							
1.	ETP Sludge	From ETP	35.3	482	500	730	Collected, Stored and Sent to GPCB Approved CHWIF/TSDF site for landfilling or will be sent for co-processing / Pre-Processing / Incineration facility
2.	MEE Salt	From MEE	35.3		1573	1825	Collected, Stored and Sent to GPCB Approved CHWIF/TSDF site for landfilling or will be sent for co-processing / Incineration facility
	Used or Spent Oil	From Plant Operation	5.1	9	26	35	Collection, storage, transportation, disposal by selling out to GPCB registered recyclers/reprocessors / co-processing
4.	Discarded Container (Drums /Carboys/bottles/Bags)	From Plant Operation	33.1	6.2	8.8	15	Collection, storage, transportation, disposal by sending to GPCB authorized reproprocessors/recyclers/ CHWIF/TSDF
5.	Process Waste (Residue)	From Manufacturing of Products in Group A & B	26.1	600	5460	6060	Collection, storage, transportation, disposal to GPCB Approved CHWIF/TSDF site for Incineration or will be sent for co-processing / Pre- Processing facility
6.	Spent Catalyst	From Process	26.5	0.12	-0.12	0	Collection, storage, transportation, disposal by selling out to GPCB registered recyclers
7.	Aluminium Hydroxide Al(OH)3	From Manufacturing of Products in Group A	26.1	12168	69571	81739	Collection, storage, transportation, send to Authorised End User industry having permission under rule-9 of Hazardous & other wastes rule-2016 or Incineration/Co-processing / Pre- Processing facility
8.	Non Recycle Plastic waste, PPE & insulation	From Plant	33.1	20	20	40	Collection, storage, transportation, disposal by selling

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	waste / Cotton waste						to authorized reprocessors/recyclers/co-processing or GPCB Approved CHWTSDF site
9	Spent Carbon	From ETP & DM Plant	26.1	20	40	60	Collection, storage, transportation, disposal to GPCB Approved CHWTSDF site for Incineration or will be sent for co-processing / Pre- Processing facility
10	Off-Specification Product	From Manufacturing Process	26.1	12	20	32	Collection, storage, transportation, disposal to GPCB Approved CHWTSDF site for Incineration or will be sent for co-processing facility
11	Spent Resin	From DM Plant	35.2	0	20	20	Collection, Storage, Transportation, sent for co-processing/Pre-processing/TSD/CHWIF
12	HF	--	--	234.0	-234	0.0	Not Applicable
13	H3BO3	--	--	243.0	-243	0.0	Not Applicable

26. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
27. Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.
28. Management of fly ash shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.
29. STP sludge shall be collected and used as manure in gardening activity or send to TSDF site for landfilling.
30. The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.
31. The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to the commencement of production. In the absence of potential buyers of these items, the unit shall restrict the production of the respective items.

#### A. OTHER:

32. The project proponent shall carry out the activities [Land reformation for tree plantation with maintenance, Fencing & Security infrastructure development, Tree plantation, Maintenance of plantation, Drip irrigation, Lake formation, Check Dam Formation, Khet Talavadi formation, Water recharge borewell, Maintenance of water bodies, Installation of Sewerage Panel, Dental care through mobile van, Medical camps with appropriate treatments for all nearby villagers, Collaboration with CHC/PHC for health infrastructure developments, Collaboration with nearby hospitals JIA, Seva Rural for facility development, Hygiene awareness for community through medical team, Swatch Bharat Abhiyan for community initiative, Vadadla, Vav, Kadodara] proposed under CER and it shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-IA.III dated 30.09.2020. This shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.
33. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. ENPRO Enviro Tech and Engineers Pvt. Ltd. and submitted by the project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.

#### B. GENERAL CONDITIONS:

##### B.1 CONSTRUCTION PHASE:

34. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.
35. Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
36. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
37. First Aid Box shall be made readily available in adequate quantity at all the times.
38. The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.
39. Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the



- ambient air and noise quality shall be closely monitored during construction phase.
40. Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.
  41. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
  42. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
  43. Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.
  44. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.
  45. Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.
  46. Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.
  47. "No uncovered vehicles carrying construction material and waste shall be permitted."
  48. "No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."
  49. Roads leading to or at construction site must be paved and blacktopped (i.e. - metallic roads).
  50. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
  51. Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.
  52. Grinding and cutting of building materials in open area shall be prohibited.
  53. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
  54. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).

## **B.2 OPERATION PHASE:**

### **B.2.1 WATER:**

55. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
56. All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.

### **B.2.2 AIR:**

57. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.
58. Acoustic enclosure shall be provided to the DG sets (if applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.
59. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.
60. Flue gas emission & Process gas emission (if any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.
61. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.

### **B.2.3 HAZARDOUS/SOLID WASTE:**

62. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
63. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
64. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
65. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
66. The design of the Trucks/tankers shall be such that there is no spillage during transportation.
67. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
68. Management of fly ash (if any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be

ensured that there is 100% utilization of fly ash to be generated from the unit.

#### **8.2.4 SAFETY:**

69. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963
70. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSHC) 1989 as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented
71. Main entry and exit shall be separate and clearly marked in the facility.
72. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
73. Storage of flammable chemicals shall be sufficiently away from the production area.
74. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
75. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.
76. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
77. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
78. Only flame proof electrical fittings shall be provided in the plant premises.
79. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers
80. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
81. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
82. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency
83. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised
84. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity
85. Training shall be imparted to all the workers on safety and health aspects of chemicals handling
86. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules
87. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
88. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
89. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

#### **8.2.5 NOISE:**

90. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules

#### **8.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:**

91. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
92. The company shall undertake various waste minimization measures such as
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw materials substitutes.
  - c. Use of automated and close filling to minimize spillages.
  - d. Use of close feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for cleaning to reduce wastewater generation.
  - g. Recycling of washes to subsequent batches.
  - h. Recycling of steam condensate
  - i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.





### **B.2.7 GREEN BELT AND OTHER PLANTATION:**

93. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.
94. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.
95. The PP shall develop green belt [10994.4 m<sup>2</sup> (21.92%) inside plant premises + 1896 m<sup>2</sup> (3.78%) at boundary side and 3659 m<sup>2</sup> (7.3%) in Common Plot in Dahej SEZ-II = Total: 16549 Sq. m.) i.e. 33 % of total plot area] as per the undertaking submitted before SEAC. Green belt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB.

### **B.3 OTHER CONDITION:**

96. The projects covered under category 5(f) shall undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB.
97. PP shall carry out the safety audit and Risk Assessment Report as per the prevailing guidelines of safety.
98. Management of Fly Ash shall be as per the Fly Ash Notification 2009 & its amendment from time to time and it shall be ensured that there is 100 % utilization of fly ash to be generated from the unit.
99. EMP should invariably include provisions for environmental Monitoring and measures for noise pollution control measures.
100. In EMP proponent should separately indicate majors of occupational health, fire and safety measures.
101. Prior EC is granted is subject to the proponent receiving all statutory permission / clearances / certificates and membership of respective agencies / authorities which ever applicable. Proponent shall inform progress from time to time in six monthly compliance report to MOEFCC / SEIAA / SEAC/ GPCB failing to which this provisional EC will stand withdrawn.
102. Wherever waste water or chemical water to be collected by tankers and transported to CETP etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or loss will make it liable for action under the law.
103. All transport movement by tankers etc has to be done with maintenance of gate pass and logbook it should be verified by the inspecting authorities.
104. Non-hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie-up with industry for generating sustainable power from the waste.
105. All chemical pharma industry etc. should ensure predictive and preventive maintenance of factory / boiler and reactive show as to avoid incident of fire and safety hazards.
106. EMP should include STP and detail cost including maintenance, transportation of waste water to CETP / CMEE etc. as well as transportation cost or transit cost.
107. In LDAR preventive and predictive maintenance plan.
108. In LDAR leakage component, source of equipment leak, detection method should be given in table form.
109. In storage component should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.
110. In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100 % utilization should be ensured.
111. Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.
112. Project proponent shall display the copy of Environment Clearance at the site prominently.
113. Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.
114. Project Proponent will have to display the safety procedure in working area.
115. The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.
116. Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP / TSDF / CHWIF / CMEE / Common Spray Dryer as the case may be.
117. Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.
118. Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.
119. Integrated Regional Office of MoEF&CC Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.
120. The PP has to maintain the logsheets / registers / manifest / gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and its disposal data and submit to the GPCB every quarter. GPCB shall verify the same on regular basis and inform SEIAA and take legal action in the cases of non compliance.
121. Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF&CC.



- vide no. F. No. 22-34/2018-IA III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX)
122. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F. No. 22-65/2017-IA III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.
  123. Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.
  124. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.
  125. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.
  126. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
  127. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
  128. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
  129. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
  130. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
  131. During material transfer there shall be no spillages and gulland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
  132. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
  133. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
  134. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
  135. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
  136. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.
  137. The project management shall ensure that unit complies with all the environment protection measures, risk management measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.
  138. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
  139. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
  140. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
  141. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  142. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
  143. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
  144. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate



additional conditions, if the same is found necessary.

145. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
146. This environmental clearance is valid for Ten years from the date of issue.
147. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
148. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

**B.4 COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:**

149. Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.
150. Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.
151. Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.
152. The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.
153. In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.
154. Any person including the project proponent affected by this Environment Clearance order may file appeal to Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.
155. All complaints and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com & (b) seacgujarat@gmail.com



(NISCHAL JOSHI)  
Member Secretary

**Issued to:**

M/s. Aarti Industries Limited (Unit I)

Plot No: Z/103/H, Vill: Dahej SEZ, Ta: Vagra, Dist: Bharuch

**Copy to:-**

1. The Secretary, SEAC, C/O G.P.C.B. Gandhinagar - 382010.
2. The Additional Chief Secretary, Forests & Environment Department, Govt. of Gujarat, Block 14, 8th floor, Sachivalaya, Gandhinagar-382010
- The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
- Scientist C, Integrated Regional Office, Ministry of Environment and Forests, Aranya Bhavan, Sector-10, Gandhinagar - 382010
- Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003
- The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
7. Select File



