

Ref: AARTI/VAPI/ENV/NAS/2024-2025/013

ID: 23971

Date: 28.05.2024

To,
Deputy Director General,
MoEF-CC, Gandhinagar,
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010

Subject: Half Yearly Environment Clearance conditions compliance report for the period of October-2023 to March-2024.

Reference:- Environment Clearance letter no SEIAA/GUJ/EC/5(f)/1558/2021 on 14/10/2021

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of October-2023 to March-2024 in respect to the above mentioned references of Environment Clearance for Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No.24,25 Phase-1,GIDC Vapi, Dist. Valsad, Gujarat.

Unit has obtained EC letter No. SEIAA/GUJ/EC/5(f)/1558/2021 dated 14/10/2021, Plot No. 24, 25 Phase-1, GIDC, Vapi, Dist.Valsad, Gujarat.

Thanking You

Yours faithfully,
For Aarti Industries Limited (Nascent Division)



Authorized Signatory

Encl: EC Compliance with Annexures.

COPY TO:

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

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

Compliance report of Environmental Clearance File No. SEIAA/GUJ/EC/5(f)/1558/2021 on 14/10/2021

Period October-2023 to March-2024

1	Name of product	Capacity in MT/ Annum	As on Actual MT/Month							Remarks
				Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	
	Mono Chloro Benzene (MCB)	28800	Complied							Latest CCA copy is attached as Annexure-A. The unit is having a valid EC for same attached as Annexure-B Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2. And 1) Ranolazine & Niraparib Hydrochloride product quantity will be applied during CCA amendment phase-2 application. 2) We are applying for 2000 MT against 6000 MT during the CCA amendment phase-2 application for TCB group. 3) Calcium Chloride Solution @ 12000 MT will be
	Ortho Dichloro Benzene (ODCB) OR		Monochloro Benzene							
	Para Dichloro Benzene (PDCB) OR		Ortho Dichloro Benzene (ODCB)							
	Meta Dichloro Benzene (MDCB) OR		Para Dichloro Benzene (PDCB)	1176.9	1026.5	1329.8	1036.1	996.9	861.7	
	Crude Dichloro Benzene (Crude DCB)									
2	Trichloro Benzene (TCB) OR	6000	Meta Dichloro Benzene (MDCB)							
	Crude Trichloro Benzene (TCB)		Crude Dichloro Benzene							
3	Meta Dichloro Benzene (MDCB)	2400	Trichloro Benzene (TCB)	33.60	57.40	68.69	84.40	106.23	87.93	
4	2,4 DichloroFluoro Benzene(2,4 DCFB)	2400	Meta Dichloro Benzene (MDCB)							
5	2,4 DifluoroCholoro Benzene (2,4 DFCB) OR									
6	2,6 DicholoroFlouro Benzene (2,6 DCFB)									

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

			<table border="1"> <tr> <td>2,4 Dichloro Fluoro Benzene(2,4 DCFB)</td> <td>0.00</td> <td>46.00</td> <td>34.00</td> <td>36.00</td> <td>75.70</td> <td>14.00</td> </tr> <tr> <td>2,4 DifluoroCholoro Benzene (2,4 DFCB)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2,6 DicholoroFlouro Benzene (2,6 DCFB)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	2,4 Dichloro Fluoro Benzene(2,4 DCFB)	0.00	46.00	34.00	36.00	75.70	14.00	2,4 DifluoroCholoro Benzene (2,4 DFCB)							2,6 DicholoroFlouro Benzene (2,6 DCFB)							applied during CCA amendment phase-2
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7	2,4,6 Trifluoro Chloro Benzene (2,4,6 TFCB)		NIL																						
8	PDCB (Only Flaking)	21600	NIL																						
9	Ranolazine	240	NIL																						
10	Niraparib Hydrochloride		NIL																						
11	Calcium Chloride Solution	12000	NIL																						
Total		73440 MT/Year	Total production is 7071.78 MT in the period October-2023 to March-2024																						

Sr. No.	EC conditions	Compliance status
A.1 SPECIFIC CONDITIONS:		

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

1	PP shall not carry out sand blasting activities within premises which are prohibited activities and as per the notarized undertaking submitted.	<p>Complied</p> <p>Unit is not carry out sand blasting activities within premises which are prohibited activities and as per the notarized undertaking submitted.</p>														
2	Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB direction to all SPCB vide letter no B-29016/04/06PCI-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].	<p>Complied</p> <p>We have installed and connected the OCEMS system to CPCB and GPCB server as per CPCB guideline for ETP treated water.</p> <table border="1" data-bbox="1150 553 2045 1024"> <thead> <tr> <th data-bbox="1150 553 1226 751">Sr.No</th> <th data-bbox="1226 553 1402 751">Station Name</th> <th data-bbox="1402 553 1528 751">Parameter name</th> <th data-bbox="1528 553 1667 751">Brand name</th> <th data-bbox="1667 553 1787 751">Make and model of Analyzer</th> <th data-bbox="1787 553 1913 751">Serial No. of the Analyzer</th> <th data-bbox="1913 553 2045 751">Measure ment Principle of the Analyzer</th> </tr> </thead> <tbody> <tr> <td data-bbox="1150 751 1226 1024">1)</td> <td data-bbox="1226 751 1402 1024">Camera Location</td> <td data-bbox="1402 751 1528 1024">ETP Outlet</td> <td data-bbox="1528 751 1667 1024">Shreedhar Instrument (SECURUS)</td> <td data-bbox="1667 751 1787 1024">SS0804A SL SS-NE12XS-M2</td> <td data-bbox="1787 751 1913 1024">Static IP Address: 182.75.99.42</td> <td data-bbox="1913 751 2045 1024">(Internet Protocol) cameras having PAN, Tilt, Zoom (PTZ)</td> </tr> </tbody> </table> <p>Unit has initiated the procedure to integrate OCEMS connectivity to GLens - GPCB and RTDMS-CPCB portals for the CEMS system.</p>	Sr.No	Station Name	Parameter name	Brand name	Make and model of Analyzer	Serial No. of the Analyzer	Measure ment Principle of the Analyzer	1)	Camera Location	ETP Outlet	Shreedhar Instrument (SECURUS)	SS0804A SL SS-NE12XS-M2	Static IP Address: 182.75.99.42	(Internet Protocol) cameras having PAN, Tilt, Zoom (PTZ)
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3	All measures shall be taken to prevent soil and groundwater contamination.	<p>Complied</p> <p>Unit has taken all necessary precautions and monitored the soil from time to time to eliminate soil & 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>														

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

4	<p>The National Ambient Air quality Emission standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.</p>	<p>Complied</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 (ENPRO). The results of the analysis are provided in the table. Copy of the analysis report has been attached as Annexure-1</p> <p align="center"><u>ENPRO NABL Certification No.: TC-5885</u></p> <table border="1"> <thead> <tr> <th rowspan="2">Location</th> <th rowspan="2">Parameters(microgram/m³)</th> <th colspan="6">Month</th> </tr> <tr> <th>Oct-23</th> <th>Nov-23</th> <th>Dec-23</th> <th>Jan-24</th> <th>Feb-24</th> <th>Mar-24</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Main Gate</td> <td>PM₁₀</td> <td>77</td> <td>76.8</td> <td>82.2</td> <td>81.4</td> <td>82.2</td> <td>84.8</td> </tr> <tr> <td>PM_{2.5}</td> <td>36.6</td> <td>35.8</td> <td>41.3</td> <td>40.4</td> <td>41.2</td> <td>43.7</td> </tr> <tr> <td>SO₂</td> <td>24.5</td> <td>21.9</td> <td>26.7</td> <td>25.8</td> <td>23.4</td> <td>24.8</td> </tr> <tr> <td>NO₂</td> <td>32.8</td> <td>28.8</td> <td>34.0</td> <td>33.2</td> <td>31.9</td> <td>33.1</td> </tr> <tr> <td rowspan="4">MCB Plant</td> <td>PM₁₀</td> <td>72.8</td> <td>76.6</td> <td>81.2</td> <td>77.7</td> <td>77.6</td> <td>77.9</td> </tr> <tr> <td>PM_{2.5}</td> <td>32.4</td> <td>39.6</td> <td>41.3</td> <td>38.0</td> <td>37.8</td> <td>39</td> </tr> <tr> <td>SO₂</td> <td>24.5</td> <td>23.8</td> <td>27.8</td> <td>24.3</td> <td>23.7</td> <td>25</td> </tr> <tr> <td>NO₂</td> <td>32.0</td> <td>31.4</td> <td>35.9</td> <td>33.1</td> <td>32.8</td> <td>33</td> </tr> <tr> <td rowspan="4">Security Gate no-2</td> <td>PM₁₀</td> <td>78.8</td> <td>—</td> <td>83.3</td> <td>75.4</td> <td>76.7</td> <td>77.6</td> </tr> <tr> <td>PM_{2.5}</td> <td>38.0</td> <td>—</td> <td>43.7</td> <td>36.2</td> <td>37.9</td> <td>38.1</td> </tr> <tr> <td>SO₂</td> <td>24.0</td> <td>—</td> <td>25.2</td> <td>20.1</td> <td>24.5</td> <td>21.0</td> </tr> <tr> <td>NO₂</td> <td>31.9</td> <td>—</td> <td>33.5</td> <td>28.4</td> <td>32.8</td> <td>28.1</td> </tr> </tbody> </table>	Location	Parameters(microgram/m ³)	Month						Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Main Gate	PM ₁₀	77	76.8	82.2	81.4	82.2	84.8	PM _{2.5}	36.6	35.8	41.3	40.4	41.2	43.7	SO ₂	24.5	21.9	26.7	25.8	23.4	24.8	NO ₂	32.8	28.8	34.0	33.2	31.9	33.1	MCB Plant	PM ₁₀	72.8	76.6	81.2	77.7	77.6	77.9	PM _{2.5}	32.4	39.6	41.3	38.0	37.8	39	SO ₂	24.5	23.8	27.8	24.3	23.7	25	NO ₂	32.0	31.4	35.9	33.1	32.8	33	Security Gate no-2	PM ₁₀	78.8	—	83.3	75.4	76.7	77.6	PM _{2.5}	38.0	—	43.7	36.2	37.9	38.1	SO ₂	24.0	—	25.2	20.1	24.5	21.0	NO ₂	31.9	—	33.5	28.4	32.8	28.1
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M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		<p>Note: N.D.- Not Detected, BDL - Below Detection Limit</p>
5	<p>National Emission standards for organic Chemical manufacturing industries issued by the ministry vide G.R.S. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.</p>	<p>Complied</p> <p>National Emissions 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>All process vents are in a closed loop. We continuously monitor VOC by portable instruments in the plant area. We are also conducting monitoring and analysis by NABL/MOEF & CC / GPCB authorized parties (Unistar Environment & 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>
6	<p>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.</p>	<p>Complied</p> <p>Unit has taken all necessary precautions and monitored the soil from time to time to eliminate soil & 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>
7.	<p>The project proponent must strictly adhere to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.</p>	<p>Complied</p> <p>Unit is strictly adheres to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.</p>
8.	<p>The PP shall develop Green belt (2018 sq m (9.3%) within premises + 2149 sq m (9.90%) in outside periphery of the unit + 4920 Sq m (22.60%) in GIDC Vapi area =9087 sq m i.e 41.80% of the Total plot area) as committed before SEAC. Green belt salt 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</p>	<p>Partially Complied</p> <p>Unit has developed greenbelt 1249 sq m (7% Inside) within premises + 1391 (8% outside) premises. Rest part will be converted during phase-2 expansion activity.</p>

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

	consultation with GPCB.	Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2.
9	Safety & Health:	
a	PP shall obtain PESO permission for the storage and handling of hazardous chemicals.	Complied Unit has valid PESO permission for the storage and handling of hazardous chemicals attached as Annexure-2
b	PP shall provide Occupational Health Center (OHC) as per provisions under the Gujarat Factories Rule 68-U.	Complied Unit has developed OHC with all medical facilities with a factory medical officer and Staff Nurse.
c	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.	Complied Unit has a Fire NOC for partially converted scope phase-1. Unit will ensure about the same in future for further amendment. Fire NOC copy is attached as Annexure-3
d	Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes	Complied Unit has an automation system and the whole process has been controlled by the DCS system.
e	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.	Complied We are ensuring to carry out mock drills within the premises as per the prevailing guidelines of safety and we have also displayed a proper evacuation plan in the manufacturing area in case of any emergency or accident.
f	PP shall install an adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.	Complied We are ensuring to install an adequate fire hydrant system with foam trolley attachment within premises and separate storage of water.

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

g	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.	Complied Separate Hazardous materials storage areas with dyke walls are provided.
h	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.	Complied Unit has provided Proper PPE to the worker/employee and regular training is provided.
l	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	Complied Unit has installed flameproof electrical fittings in the plant premises.
j	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	Noted & Complied
k	Unit shall provide effective isolation for the Process area and storage of hazardous chemicals.	Complied 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.
L	(1) unit shall provide effective fire hydrants, water monitors & foam Application system at solvent storage tank farm area.(2) Unit shall provide adequate safety system such as a water sprinklers, water curtains, form pouring system etc. to restrict cascade fire emergency in solvent tank farm.	Noted & Complied
10	Unit shall comply with all the orders passed by the Hon'ble National Green Tribunal (NGT) , New Delhi in Original Application No.1038/2018 dated 10/07/2018.	Noted & Complied
11	Unit shall stand in compliance to office Memorandum (OM) vide Letter No.22-23/2018 - IA.III (Pt) dated 31/10/2019 regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (published on 23/08/2019) in Original Application No. 1038/2018.	Noted & Complied
12.	No project/activity in contradiction to the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018 shall be carried out else the granted Environment Clearance shall stand cancelled.	Noted
13.	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.(if there is in-house solvent	Not applicable

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

	recovery and in-house distillation)							
14.	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR logbooks shall be maintained.	<p>Complied</p> <p>Unit has implemented the LDAR program during plant operation as per CPCB guidelines. Unit will ensure the below listed conditions for LDAR program</p> <ol style="list-style-type: none"> 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 permanent on-going Leak Detection and Repair (LDAR) programme. Finally detected leaks are to be repaired within an allowable time frame. 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 - Pippings; (viii) Connector - Pippings; (ix) Open ended lines; (x) Sampling connections. Equipment and line sizes more than 1.875 cm or 3/4 inch are to be covered. Monitoring Requirements and Repair Schedule: Following frequency of monitoring of leaks and schedule for repair of leaks shall be followed: <table border="1" data-bbox="1171 1089 2034 1416"> <thead> <tr> <th data-bbox="1171 1089 1415 1224">Components</th> <th data-bbox="1415 1089 1663 1224">Frequency of monitoring</th> <th data-bbox="1663 1089 2034 1224">Repair Schedule</th> </tr> </thead> <tbody> <tr> <td data-bbox="1171 1224 1415 1416"></td> <td data-bbox="1415 1224 1663 1416">Quarterly (semiannual after two consecutive periods with < 2% leaks and annual</td> <td data-bbox="1663 1224 2034 1416">Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general hydrocarbons.</td> </tr> </tbody> </table>	Components	Frequency of monitoring	Repair Schedule		Quarterly (semiannual after two consecutive periods with < 2% leaks and annual	Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general hydrocarbons.
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M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		after 5 periods with 2% leaks)	In the case of benzene, the leak shall be attended immediately for repair.
	Pump Seals	Quarterly	
	Compressor Seals	Quarterly	
	Pressure Relief Devices	Quarterly	
	Pressure Relief Devices (after venting)	Within 24 hours	
	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	-

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		<ol style="list-style-type: none"> 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. 4. Open-ended lines should be closed by a blind flange or purged. 5. Totally closed-loop should be used in all routine samples. 6. Low emission packing should be used for valves. 7. High integrity sealing materials should be used for flanges. 8. 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.
15.	Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sanding to CHWIF/TSDF sites respectively.	<p>Complied</p> <p>Unit is ensuring to explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sanding to CHWIF/TSDF sites respectively.</p>
16.	Unit shall install CEMS in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05.02.2014 for effluent discharge and air emission as per pollutant 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/CPCBon real time basis. [Whichever (Air emission & Effluent	<p>Complied</p> <p>Unit has installed an OCEMS system for ETP treated water discharge and the unit is in process installing a CEMS system for air emissions with a CPCB server.</p>

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

	<p>discharge) is applicable as per the prevailing guidelines of GPCB/CPCB]</p>	<p>Screenshot is attached for reference purpose,</p>
17.	<p>All measures shall be taken to prevent soil and groundwater contamination.</p>	<p>Complied</p> <p>All measures are taken to prevent soil and groundwater contamination.</p>
18.	<p>The National Ambient Air Quality Emission standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be complied with.</p>	<p>Complied</p> <p>Unit is complying with The National Ambient Air Quality Emission standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009.</p>
19.	<p>National Emission standard for Organic Chemicals Manufacturing Industries issued by the Ministry vide G.S.R. No. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.</p>	<p>Complied</p>
20.	<p>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.</p>	<p>Complied</p>
21.	<p>Unit shall provide CCTV Camera at strategic location within premises with lab link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).</p>	<p>Complied</p> <p>Unit has provided (Internet Protocol) cameras having PAN, Tilt, Zoom (PTZ) CCTV Camera at strategic locations within premises with a lab link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises.</p>

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

22.	Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB recognized Auditors.	<p>Complied</p> <p>Schedule-2 Environmental auditor is allotted by GPCB from recognized auditors M/s. Enpro Pvt.ltd for third party Environment audit.</p>																
A. 2 WATER:																		
23.	Total water requirement for the project shall not exceed 921.80 KLD Unit shall reuse 119 KLD of treated industrial effluent within premises Hence, fresh water requirement shall not exceed 802.80 KLD and it shall be met through GIDC water supply only Prior permission from concerned authority for withdrawal of water shall be obtained for withdrawal of water.	<p>Complied</p> <p>Total Water Requirement is not exceeding 921.80 KL/Day and fresh water requirement is not exceeding 802.80 KL/Day. Water consumption is under the prescribed limit.</p> <table border="1" data-bbox="1171 667 2028 972"> <thead> <tr> <th>Particular</th> <th>Unit</th> <th>Oct-23</th> <th>Nov-23</th> <th>Dec-23</th> <th>Jan-24</th> <th>Feb-24</th> <th>Mar-24</th> </tr> </thead> <tbody> <tr> <td>Fresh Water Consumptions</td> <td>Total KL/M onth</td> <td>3867</td> <td>5211</td> <td>7047</td> <td>7324</td> <td>6935</td> <td>7413</td> </tr> </tbody> </table> <p>The water consumption is within the prescribed limit.</p> <p>In addition to this, the unit is also maintaining a logbook for the water consumption day-to-day basis.</p> <p>Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2.</p>	Particular	Unit	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Fresh Water Consumptions	Total KL/M onth	3867	5211	7047	7324	6935	7413
Particular	Unit	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24											
Fresh Water Consumptions	Total KL/M onth	3867	5211	7047	7324	6935	7413											
24.	The industrial effluent generation from the project shall not exceed 166.40 KLD.	<p>Complied</p> <p>The Industrial effluent generation has not exceeded 166.40 KLD.</p>																

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

MONTH	Industrial Effluent generation
	KL/Month
October 2023	1666
November 2023	1579
December 2023	1669
January 2024	1650
February 2024	1533
March 2024	1516

All discharge quantities are within the permissible limit.

Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2.

25 Industries effluent shall be segregated into two streams.(1) High COD and TDS Effluent (2) Low COD and TDS effluent and its shall be managed as below.

High COD and TDS Effluent (54.57 KLD)

- 35.40 KLD , High COD and TDS Effluent from Process & Scrubber and 19.17 KLD ,RO reject after neutralization shall be treated in MEE. 49.70 KLD. MEE condensate shall be reused within premises. In case of shutdown/maintenance of MEE, 54.57 KLD, High COD Effluent shall be sent to CMEE - BEIL for further treatment & Disposal.

Low COD and TDS Effluent (131 KLD)

- 16 KLD, Low COD Effluent from process & scrubber and 115 KLD, Low COD effluent from Utility & Washing shall be treated in ETP consists of primary & tertiary treatment units.
- Out of 131 KLD, Treated effluent 54.53KLD shall be sent to CETP -VGEL, Vapi for further treatment & disposal and 76.47 KLD shall be treated in In-house Ro.

Partially Complied

Currently High COD & TDS effluent is sent to sister concern unit M/s. Aarti Industries Ltd (Organic Division) GPCB XGN ID: 22991 through manifest system also unit is under process for commissioning of MVR & ATFD for treatment of high TDS effluent.

Particular	Unit	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024
High COD & TDS Effluent	Total KL/Month	109.52	187.99	199.62	212.60	184.39	179.10

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

	<p>➤ 57.30 KLD, RO permeate shall be reused within premises.</p>	<table border="1" data-bbox="1167 196 2024 321"> <tr> <td data-bbox="1167 196 1331 321">Low COD and TDS Effluent</td> <td data-bbox="1331 196 1432 321">Total KL/Month</td> <td data-bbox="1432 196 1533 321">962</td> <td data-bbox="1533 196 1633 321">938</td> <td data-bbox="1633 196 1734 321">997</td> <td data-bbox="1734 196 1835 321">830</td> <td data-bbox="1835 196 1936 321">870</td> <td data-bbox="1936 196 2024 321">746</td> </tr> </table> <p data-bbox="1144 363 2051 464">Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2.</p>	Low COD and TDS Effluent	Total KL/Month	962	938	997	830	870	746
Low COD and TDS Effluent	Total KL/Month	962	938	997	830	870	746			
26.	<p>Unit shall feed wastewater to in-house MEE only after ensuring content of Effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.</p>	<p>Noted & will be Complied</p> <p>Unit has installed an MVR system to ensure content of effluent for COD/VOC so as not to be airborne during evaporation to ensure no adverse impacts on Environment and Human Health.</p>								
27	<p>Project proponent (PP) shall adopt appropriate methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (prevention and control of pollution) act 1974 issued by CPCB regarding compliance of CETP.</p>	<p>Complied</p> <p>Unit has proper segregations methods/Seperate tanks for collection of wastewater streams.</p>								
28	<p>Treated wastewater shall be sent to CETP-VGEL-Vapi and common MEE-BEIL only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human health and Environment.</p>	<p>Complied</p>								
29	<p>Domestic wastewater generation shall not exceed 12 KL/Day for proposed projects and it shall be treated in STP. It shall not be disposed off through a soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purposes within premises after achieving on-land discharge norms prescribed by the GPCB.</p>	<p>Noted & Complied</p> <p>Unit has installed STP for domestic wastewater and treated sewage is utilized for gardening and plantation purposes within premises-</p>								
30	<p>During monsoon season when treated sewage may not be required for plantation/Gardening/Green belt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case.</p>	<p>Noted & Complied</p> <p>Unit will ensuring during monsoon season when treated sewage may not be required for plantation/Gardening/Green belt purpose, it shall be stored within premise</p>								
31	<p>Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days and during any shut down of in-house MEE.</p>	<p>Noted & Complied</p>								

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		Unit has provided a buffer water storage tank of adequate capacity for storage of treated wastewater.
32	The unit shall provide metering facilities at the inlet and outlet of ETP, MEE,RO & STP and maintain records for the same.	Complied The unit shall provide metering facilities at the inlet and outlet of ETP.
33	Proper logbooks of ETP,MEE,RO & STP;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.	Complied Unit has maintained records for proper logbooks of ETP, Chemical consumption in effluent treatment, quantity & quality of treated effluent and power consumption records.

A.3 AIR:

34	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.	Complied Flue gas emission & process gas emissions have conformed to the standards prescribed by the GPCB/CPCB//MoEF&CC.																																			
35	Unit shall not exceed fuel consumption for boilers, thermopacks and D G Sets as mentioned below:	Complied The data of the last six months are given in the following table.																																			
	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Source of Emission</th> <th>Stack Height(meter)</th> <th>Fuel Type</th> <th>Quantity of Fuel</th> <th>Types of Pollution</th> <th>Air pollution control Measures (APCM)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Boiler-I (10 T/Hr)</td> <td>Height:30 Meter Dia: 0.8 Meter</td> <td>Imported Coal</td> <td>2085 kg/Hr</td> <td>PM,SOX, NOX</td> <td>ESP+Lime dosing along with coal with 30m stack height &</td> </tr> </tbody> </table>	Sr. No	Source of Emission	Stack Height(meter)	Fuel Type	Quantity of Fuel	Types of Pollution	Air pollution control Measures (APCM)	1	Boiler-I (10 T/Hr)	Height:30 Meter Dia: 0.8 Meter	Imported Coal	2085 kg/Hr	PM,SOX, NOX	ESP+Lime dosing along with coal with 30m stack height &	<table border="1"> <thead> <tr> <th colspan="3">Coal Consumption</th> </tr> <tr> <th>Month</th> <th>Total Consumption (MT/Month)</th> <th>Total Consumption MT/Hr</th> </tr> </thead> <tbody> <tr> <td>Oct 2023</td> <td>436.35</td> <td>0.58</td> </tr> <tr> <td>Nov 2023</td> <td>454.30</td> <td>0.63</td> </tr> <tr> <td>Dec 2023</td> <td>756.63</td> <td>1.01</td> </tr> <tr> <td>Jan 2024</td> <td>632.53</td> <td>0.85</td> </tr> <tr> <td>Feb 2024</td> <td>632.60</td> <td>0.90</td> </tr> </tbody> </table>	Coal Consumption			Month	Total Consumption (MT/Month)	Total Consumption MT/Hr	Oct 2023	436.35	0.58	Nov 2023	454.30	0.63	Dec 2023	756.63	1.01	Jan 2024	632.53	0.85	Feb 2024	632.60	0.90
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M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

						OCEMS will be provided.
2	Boiler-II (10 T/Hr)	Height:30 Meter Dia: 0.8 Meter	Imported Coal	2085 kg/Hr	PM,SOX, NOX	ESP+Lime dosing along with coal with 30m stack height & OCEMS will be provided.
3	Thermopack (6 Lakh Kcal/Hr)	Height:27.5 Meter Dia:0.401 Meter	Imported Coal	100 kg/Hr	PM,SOX, NOX	Bag filter+Lime dosing along with coal with 27.5 m stack height will be provided.
4	Thermopack (2 Lakh Kcal/Hr)	Height:16.5 Meter Dia:0.401 Meter	HSD	35 kg/Hr	PM,SOX, NOX	16.5 m stack height will be provided.
5	DG Set (2000 KVA)	Height:30 Meter	HSD	600 lit/hr	PM,SOX, NOX	30 m stack height will be

Mar 2024	639.54	0.85
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Note: 1. Unit is partially converted EC TO CCA for Phase-1 only for products MCB,ODCB,PDCB,MDCB, Crude DCB, TCB, Crude TCB,MDCB, 2,4 DCFB,2,4 DFCB & 2,6 DCFB. Rest of products will be covered during Phase-2.
 2. Unit has not installed DG sets having capacity of 1500 KVA & 2000KVA.

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						provided.										
6	DG Set (Stand By) (1500 KVA)	Height:30 Meter	HSD	450 lit/ hr	PM,SOX, NOX	30 m stack height will be provided.										
<ul style="list-style-type: none"> Note-12 MT/Hr Steam generated from the proposed Boilers will be sent to Aarti Industries Limited (Custom Synthesis Division) And 50% of the steam condensate will be received back to the Aarti Industries Limited (Nascent Division) from AIL(CSD). Unit will replace existing boilers (3 T/Hr & 6 T/Hr), Thermopacks (2 Lakh Kcal/Hr & 3.5 Lakh Kcal/Hr) and DG Sets (2nos. & 380 KVA) after proposed expansion. Unit will install two boilers having capacity of 10 TPH (each), two Thermopacks (6 Lakh Kcal/Hr & 2 Lakh Kcal/Hr) and two DG Sets (2000 KVA & 1500 KVA) as mentioned above. 																
36	Unit shall provide adequate APCM with flue gas generation sources as mentioned above.					Complied Bag filters along with lime dosing systems have been installed with 6 TPH boiler & Bag filters provided to the TFH systems.										
37	Unit shall provide adequate APCM with process gas generation sources as mentioned below.					Complied Unit has adequate APCM with process gas generation sources.										
	Sr. No.	Sp. Source of Emission (Name of the product & process)	Type of Emission	Stack/vent Height(meter)	Air pollutant control measures (APCM)											
	1	Two stage scrubber of MCB plant (Existing)	Cl ₂ , HCL	Height :12 Meter Dia: 50mm	Two stage water Absorber followed by caustic scrubber											
	2	Three stage	Cl ₂ ,NO _x ,	Height :12 Meter	Three stage water											
						<table border="1"> <thead> <tr> <th>Month</th> <th>Two stage scrubber of MCB Plant (mg/Nm³)</th> </tr> </thead> <tbody> <tr> <td>Oct 2023</td> <td>CL₂:6.7 HCL:3.10</td> </tr> <tr> <td>Nov 2023</td> <td>CL₂:7.0 HCL:2.5</td> </tr> <tr> <td>Dec 2023</td> <td>CL₂:7.1 HCL:3.6</td> </tr> <tr> <td>Jan 2024</td> <td>CL₂:6.6</td> </tr> </tbody> </table>	Month	Two stage scrubber of MCB Plant (mg/Nm ³)	Oct 2023	CL ₂ :6.7 HCL:3.10	Nov 2023	CL ₂ :7.0 HCL:2.5	Dec 2023	CL ₂ :7.1 HCL:3.6	Jan 2024	CL ₂ :6.6
Month	Two stage scrubber of MCB Plant (mg/Nm ³)															
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	scrubber of MDCB plant (Existing)	HCl	Dia: 150mm	Scrubber followed by caustic scrubber
3	Three stage scrubber of DFCB plant (Existing)	Cl ₂ ,NO _x , HCl	Height :12 Meter Dia: 200mm	Three stage water Scrubber followed by caustic scrubber
4	Single stage scrubber of chlorine shed	Cl ₂	Height :12 Meter Dia: 150mm	Single Stage Caustic Scrubber
5	Single stage scrubber of ETP & CaCl ₂	HCl, NO _x	Height :12 Meter Dia: 150mm	Single Stage Caustic Scrubber
6	Two stage scrubber of HCL storage	HCl	Height :12 Meter Dia: 150mm	Water Scrubber followed by Caustic Scrubber

	HCL:2.9
Feb 2024	CL ₂ :7.0 HCL:3.3
Mar 2024	CL ₂ :7.3 HCL:2.7

Month	Three stage scrubber of MDCB Plant(mg/Nm ³)
Oct 2023	NO _x :15 CL ₂ :3.8
Nov 2023	NO _x :12.7 CL ₂ :4.4
Dec 2023	NO _x :13.9 CL ₂ :4.5
Jan 2024	NO _x :17.4 CL ₂ :2.9
Feb 2024	NO _x :14.7 CL ₂ :3.2
Mar 2024	NO _x :17.4 CL ₂ :2.9

Month	Three stage scrubber of DFCB Plant(mg/Nm ³)
Oct 2023	NO _x :17.4

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		<table border="1"> <thead> <tr> <th colspan="4">Workplace Monitoring Report(Total Dust)</th> </tr> <tr> <th>MONTH</th> <th>Coal yard (mg/Nm3)</th> <th>PDCB Flaker (mg/Nm3)</th> <th>Limit (As given in Schedule-II as per Factories Act 1948) (mg/m³)</th> </tr> </thead> <tbody> <tr> <td>Oct 2023</td> <td>1.4</td> <td>0.73</td> <td rowspan="6">10</td> </tr> <tr> <td>Nov 2023</td> <td>1.7</td> <td>0.83</td> </tr> <tr> <td>Dec 2023</td> <td>1.4</td> <td>0.76</td> </tr> <tr> <td>Jan 2024</td> <td>1.9</td> <td>0.81</td> </tr> <tr> <td>Feb 2024</td> <td>1.5</td> <td>0.72</td> </tr> <tr> <td>Mar 2024</td> <td>1.8</td> <td>0.68</td> </tr> </tbody> </table>	Workplace Monitoring Report(Total Dust)				MONTH	Coal yard (mg/Nm3)	PDCB Flaker (mg/Nm3)	Limit (As given in Schedule-II as per Factories Act 1948) (mg/m ³)	Oct 2023	1.4	0.73	10	Nov 2023	1.7	0.83	Dec 2023	1.4	0.76	Jan 2024	1.9	0.81	Feb 2024	1.5	0.72	Mar 2024	1.8	0.68
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41	<p>Regular monitoring of ground level concentration of PM10,PM2.5,SOx,NOx,HCL,Cl2 and VOCs shall be carried out in the impact zone and its record shall be mentioned.Ambient Air Quality level shall not exceed the standards stipulated by GPCB.if at any stage these levels are found to exceed the prescribe limits, necessary additional control measures shall be taken immediately. The location of the station and frequency of monitoring shall be decided in consultation with the GPCB.</p>	<p>Complied.</p> <p>We are conducting Ambient air quality monitoring on a weekly basis. We have decided 3 nos. Monitoring stations (main gate, near ETP area and near MCDB control room area) to monitor concentration of PM10,PM2.5,SOX,NOX etc. We have found all parameters are well within permissible limits.</p> <p>We have also provided adequate control measures are describe below,</p> <ul style="list-style-type: none"> ➤ Closed handling and charging systems have been provided for chemicals. ➤ Pumps have been provided with mechanical seals to prevent leakages. ➤ Unit has provided an enclosure system for air borne dust at all transfer operations 																											
A.4 SOLID/HAZARDOUS WASTE:																													
42	<p>All the hazardous/ solid waste management shall be taken care of as mentioned below.</p>	<p>Complied.</p> <p>The solid waste & residue disposed of to BEIL, Dahej, & HCL & NSA (Process Waste)</p>																											

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S r. N o	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	
1	ETP Sludge	From ETP	35.3	7.44 MT/Year	147.56MT /Year	155 MT/Year	Collected Storage, Transportation and sent to TSDF for Landfilling.
2	Used or Spent Oil	From Plant and machines	5.1	0.100MT/Year	9.9 MT/Year	10 MT/Year	Collected Storage, Transportation and sent to Registered Refiners/Recycles,
3	Discarded Container (Drums / Carboys/ bottles	From Raw material Packaging	33.3	2.491 MT/Year	47.509MT /Year	50 MT/Year	Collection, storage Decontamination transportation, and sent to authorized recyclers/

Month	ETP Sludge (35.3) (MT)	Process Residue (26.1) (MT)	Discarded Bags/container (33.1) (MT)	Nitrosyl sulfuric acid (B15)	Hydrochloric acid (B15)
Oct 2023	14.37	0.00	0.00	208.08	461.54
Nov 2023	0.00	33.84	0.00	288.63	991.82
Dec 2023	0.00	0.00	0.00	317.59	2084.10
Jan 2024	0.00	0.00	0.00	433.34	1720.46
Feb 2024	0.00	0.00	0.00	471.78	2243.80
Mar 2024	0.00	10.03	0.00	372.86	2084.80

is being sent to under Rule-9 for utilization as raw material in their process through manifest system and GPS.

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.

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	/ bags)						TSDf/Send to Co-processing
4	Evaporator Salt	From Evaporator	35.3	0	1767 MT/Year	1767 MT/Year	Collected Storage, Transportation and sent to TSDf for Landfilling.
5	Process residue	From Process	26.1	4.8 MT/Year	808.2 MT/Year	813 MT/Year	Collected Storage, Transportation and sent to CHWIF for incineration/ sent to cement Co processing unit.

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6	Sodium hypochlorite	From process	-	0	12921 MT/Year	12921 MT/Year	Collection, storage Transportation, sold to SPCB or GPCB Approved Units Through Menifest system only.
7	Nitrosyl sulfuric acid	From process	B15	5718.12 MT/Year	13951.88 MT/Year	19670MT/Year	Collection, storage Transportation, sold to SPCB or GPCB Approved Units Through Menifest system only.
8	Hydrochloric acid	From process	B15	27264 MT/Year	29763 MT/Year	57027MT/Year	Collection, storage Transportation, sold to SPCB or GPCB

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							Approved Units Through Manifest system only.
9	Process sludge	From Production of calcium chloride	26.1	0	672 MT/Year	672 MT/Year	Collected Storage, Transportation and sent to TSD for Landfilling.
10	Mixed Solvent	From process	26.4	0	653 MT/Year	653 MT/Year	Collection, storage Transportation, send to CHIWF for Incineration/send to cement industry for co-processing / Authorized solvent recyclers
11	Acetone	From process	26.4	0	1791 MT/Year	1791 MT/Year	Recovered and reused within same

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							process
12	Methanol	From process	26.4	0	3628 MT/Year	3628 MT/Year	Recovered and reused within same process
13	Off Specific ation Waste	From manufa cturing Process/ plant	A4030	0	12MT/Year	12MT/Year	Collection, storage, Transporta tion and send to CHWTSDF for incineratio n
14	Spent Carbon	From ETP	35.3	–	12MT/Year	12MT/Year	Collection, storage, Transporta tion and send to cement industry for Co-processing /or send to CHWTSDF for incineratio n
15	Fly Ash	Boiler/Thermop ach	–	90MT/Year	3650MT/Year	3740 MT/Year	Collection, Storage,Transportati on sell to

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

							Brick Manufacturer/Send to cement Co processing /sent road construction Activity.	
	16	Sewage sludge	From STP		–	5MT/Year	5MT/Year	Collection and reused as fertilize/manure and gardening activity.
43	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>Complied</p> <p>Unit is selling hazardous waste to authorized end-users having valid permission 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. Passbook for end user permission attached as Annexure-4</p>
44	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.							<p>Complied</p> <p>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 is in the process of making an agreement with M/s. Ambuja Cement for incinerable to co-processing waste.</p>
45	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.							<p>Complied</p> <p>Unit has made MOU with end-users for utilization,table is attached as below,</p>

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

Sr.no.	List of end users
1	M/s. Aarti Industries Limited (Alchemie Organics Division)
2	M/s. Aarti Industries Limited (Diamond Division)
3	M/s. Aarti Industries Limited (Acid Division)
4	M/s. Aarti Industries Limited (Alchemie Organics Division)
5	M/s. Aarti industries limited (Amine Division)
6	M/s. Aarti Fertilizer (A Division of Aarti Industries)
7	M/s. Aarti Salt & Chemicals
8	M/s. Aarti Industries Limited (Unit-II, Jhagadia)
9	M/s. Shreeji Industries
10	M/s. Valiant Organics Limited
11	M/s. Ganesh Polychem Ltd
12	M/s. Gharda Chemical Limited

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	13	M/s. Hemani Intermediates Pvt. Ltd
	14	M/s. Shanku's Bio-Sciences Pvt. Ltd
	15	M/s. Shreyas Industries
	16	M/s. Gurunanak Chemical Industries
	17	M/s Modheshwari Chemtech
	18	M/s. Apex Pharmachem Pvt Limited
Unit has made MOU with the end user of hazardous waste along with MOU.		

A.5 OTHER:

46	The Project proponent shall allocate the separate fund of Rs.30.40 Lakhs as complied before SEAC.The entire activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEF&CC 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 th the District Collector. The monitoring report shall be posted on the website of the project proponent.	Complied		
		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		
		<table border="1"> <thead> <tr> <th>Nature of Work</th> <th>Amount (Rs)</th> </tr> </thead> <tbody> <tr> <td>Garden Maintenance Work for Various GIDC notified area and</td> <td>11.24 Lakhs</td> </tr> </tbody> </table>	Nature of Work	Amount (Rs)
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Garden Maintenance Work for Various GIDC notified area and	11.24 Lakhs			

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47	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 project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	<p>Noted and will be Complied</p> <p>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 project proponent and commitments made during presentation before SEAC and proposed in the EIA report will be strictly followed.</p>
B. GENERAL CONDITIONS:		
B.1 CONSTRUCTION PHASE:		
48	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices	<p>Complied</p> <p>Unit has adopted best construction practices for expansion.</p>
49	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.	<p>Complied</p> <p>Unit has installed AAQM monitoring systems at different places for controlling fugitive emission.</p>
50	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<p>Complied</p> <p>Unit has provided all required sanitary and hygienic measures separately for expansion related project work.</p>
51	First Aid Box shall be made readily available in adequate quantity at all times.	<p>Complied</p> <p>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.</p>
52	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment & 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.	<p>Complied</p> <p>The project proponent strictly comply with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act 1995 and Gujarat rules made there under and their subsequent amendments.</p>
53	Ambient noise levels shall conform to residential standards both during day and night	<p>Complied</p>

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	Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	<table border="1" data-bbox="1224 258 1717 727"> <thead> <tr> <th>MONTH</th> <th>Noise level (dB)</th> </tr> </thead> <tbody> <tr> <td>Oct 2023</td> <td>65</td> </tr> <tr> <td>Nov 2023</td> <td>67</td> </tr> <tr> <td>Dec 2023</td> <td>70</td> </tr> <tr> <td>Jan 2024</td> <td>69</td> </tr> <tr> <td>Feb 2024</td> <td>70</td> </tr> <tr> <td>Mar 2024</td> <td>66</td> </tr> </tbody> </table>	MONTH	Noise level (dB)	Oct 2023	65	Nov 2023	67	Dec 2023	70	Jan 2024	69	Feb 2024	70	Mar 2024	66
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54	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.	<p>Complied</p> <p>Unit has ensured the requirement of acoustic enclosure for operating the DG sets during existing operation.</p>														
55	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured	<p>Complied</p> <p>Unit ensures safe disposal of waste water & municipal solid wastes which is generated from construction activity which is treated in ETP and after STP installation sewage will be treated in STP.</p>														
56	All topsoil excavated during construction activity shall be used in horticultural landscape development within the project site.	<p>Complied</p> <p>Unit is utilizing topsoil and excavated soil for structure leveling purposes.</p>														
57	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.	<p>Complied</p> <p>Excavated earth to be generated during the construction phase is utilized within the premises to the maximum extent possible.</p>														

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58	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	Complied We are sending 100 % Fly Ash to the end user for the purpose of brick manufacturing.
59	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.	Noted & Complied Fly ash will 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.
60	“Wind-breakers” 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.	Noted & will be Complied 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.
61	“No uncovered vehicles carrying construction material and waste shall be permitted.”	Complied
62	"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"	Complied
63	Roads leading to or at construction site must be paved and blacktopped (ie metallic roads)	Complied
64	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Complied
65	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	Complied
66	Grinding and cutting of building materials in open areas shall be prohibited.	Complied
67	Construction material and waste should be stored only within earmarked areas and road side storage of construction material and waste shall be prohibited.	Complied
68	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).	Complied
B.2 OPERATION PHASE:		

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B.2.1 WATER:		
69	Industry should provide a separate dedicated washing area for hand washing/bathing of workers and the wastewater generated from the same should be taken into ETP.	<p>Complied</p> <p>Unit has provided a dedicated hand washing area for workers and the generated waste water is collected and treated in STP.</p>
70	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<p>Complied</p> <p>The water meter is installed and records of daily and monthly water consumption is maintained.</p>
71	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.	<p>Complied</p> <p>We have made efforts to optimize water consumption to reduce, recycle and reuse the treated effluent by following best available technology,</p> <ol style="list-style-type: none"> 1. Unit has installed an MVR along with an ATFD system for recycling purposes of high TDS/COD values. 2. Unit has installed STP for domestic wastewater for reuse in gardening purposes.
B.2.2 AIR:		
72	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 & 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 half yearly compliance report.	<p>Complied</p> <p>As of now the unit has not installed any spray dryer system as it is not the process requirement. Whenever we are installing the spray dryer system unit will ensure the same.</p>
73	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.	<p>Complied</p> <p>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.</p>

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74	Stacks/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission .	<p>Complied</p> <p>Stacks of adequate height as per prevailing norms are provided for the flue gas and process emissions.</p>
75	All the reactor vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<p>Complied</p> <p>All the reactor vessels used in the manufacturing process are closed so that no fugitive emission is found.</p>
76	Adequate Air Pollution Control Measures (APCM) shall be provided.	<p>Complied</p> <p>Adequate Air Pollution Control Measures (APCM) is provided.</p>
77	The unit shall adhere to sector specific guidelines/SOP published by GPCB/CPCB from time to time for effective fugitive emission control. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act,1986.	<p>Noted & Complied</p>
78	Unit shall take adequate measures to control odor nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain),closed /automatic material handling system,containment of the odor vulnerable areas etc.	<p>Complied</p>
79	Unit shall provide wall to wall carpeting in vehicle movement areas within premises to avoid dusting.	<p>Complied</p>
B.2.3 HAZARDOUS/SOLID WASTE:		
80	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.	<p>Complied</p> <p>Unit is strictly complying with all the regulations mentioned in Hazardous and Other Wastes rule, 2016 (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.</p>

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81	Hazardous wastes shall be driest, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Complied Unit has a dedicated separate hazardous waste storage having pucca bottom and leachate collection facility.
82	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	Complied Unit has received permission from BEIL. Certificate copy from CHWIF and TSDF of the same are attached in Annexure-5
83	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.	Complied 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.
84	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	Complied Unit is ensuring to deploy trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation.
85	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied Unit is putting all efforts to pre-treat / process the hazardous waste before disposal to TSDF / CHWIF.
86	Management of fly ash (If any) 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.	Noted and complied
87	Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWIF, Co-processing and end-users having Rule-9 permission.	Complied
88	The by-products which fall under the purview of the hazardous and other wastes(Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions form the concern authority shall be obtained.	Complied
89	Unit shall submit the list of authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production.In absence of potential buyers of these items,the unit shall restrict the production of respective item.	Complied

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

Sr.no.	List of end users
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M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

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18	M/s. Apex Pharmachem Pvt Limited												
90	Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/landfill as per provisions of Hazardous and Other wastes (Management and Transboundary Movement) Rules,2016.	Complied											
B.2.4 SAFETY:													
91	The occupier/manager shall strictly comply with the provisions under the Factories Act 1948 and the Gujarat Factories Rules, 1963.	Complied	The occupier has strictly complied with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.										
92	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 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	Complied	The project management strictly complies with the provisions made in Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended in 2000 for handling of hazardous chemicals.										
93	Main entry and exit shall be separate and clearly marked in the facility.	Complied	Main entry & Exit were separated and have been constructed marked clearly.										
94	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/emergency vehicle around the premises.	Complied	Sufficient peripheral open passage is provided in the margin area for free movement of fire tender/ emergency vehicle around the premises.										
95	Storage of flammable chemicals shall be sufficiently away from the production area.	Complied											

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		Unit has been constructed as per prevailing rules of government authorities for storage of flammable chemicals.
96	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Complied Unit has provided a total 77 numbers of fire extinguishers near the plant and storage area. The fire extinguishers are installed in all the process plants such as MCB,MDCB,DFCB section, Warehouse Plant as well as in ETP, OHC, Admin, Canteen etc. It is installed on every floor in the premises.
97	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic hazardous chemicals.	Complied Unit is ensuring to take necessary precautions as per the prevailing rules of government authorities for storage and handling of toxic and hazardous chemicals
98	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	Complied Unit will ensure to maintain optimum quantities of toxic / hazardous chemicals. All necessary permissions are obtained in this regard before commencing the expansion activities.
99	The project management shall ensure to comply with all the environmental protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Complied 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 unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.
100	Only flameproof electrical fittings shall be provided in the plant premises.	Complied Unit has installed flameproof electrical fittings in the plant premises.
101	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.	Complied Separate Hazardous materials storage areas with dyke walls are provided.
102	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.	Complied Unit has installed necessary engineering controls to avoid leakages and hazardous chemical storage tanks have been installed inside a Bund/ dyke wall.
103	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Complied

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		Unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer.
104	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	Complied Unit has tied up with nearby health care units/ doctors for seeking immediate medical attention in the case of emergency.
105	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Complied 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. PPEs- Helmet, Goggles, Safety Shoes, Full body safety suit, Double anchored safety harness, Cartridge mask, antistatic hand gloves, bubble hood etc.
106	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	Complied 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.
107	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.
108	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.	Complied Occupational health surveillance of the workers is carried out on a 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 count, etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test - Audiometry - met Hb for specific workers

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109	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Complied We ensure that the Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act and Rules.
110	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	Complied The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report
111	Necessary permissions from various statutory authorities like PESO Factory Inspectorate and others shall be obtained prior to commissioning of the project	Complied
112	Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemicals shall be maintained.	Complied
113	Effective safety provision of safety audit & its compliance report.	Complied
114	Unit shall prepare and implement SOP for safe operation of the works.	Complied
115	Comply the statutory provision of safety audit & its compliance report.	Complied
116	Effective steps shall be taken for prevention of fire, explosion & toxic release.	Complied
B.2.5 NOISE:		
117	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.	Complied 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.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:		

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118	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.	Noted
119	The company shall undertake various waste minimization measures such as:	<p>Complied</p> <p>The Unit has implemented waste minimization measures as mentioned below but not limiting to:</p> <p>Unit has taken all the possible action for the control of quantities of active ingredients to minimize waste.</p> <p>Unit has taken all the possible action for reuse of by-products from the process as raw materials or as raw materials substitutes.</p> <p>Unit has installed automated and close filling to minimize spillages.</p> <p>Closed feed system into batch reactors is in practice.</p> <p>Venting equipment through a vapor recovery system is in practice.</p> <p>Unit uses high pressure hoses for clearing to reduce wastewater generation.</p> <p>Unit is doing Recycling of washes to subsequent batches.</p> <p>Unit is doing Recycling of steam condensate.</p> <p>Unit is doing Sweeping/mopping the floor instead of floor washing to avoid effluent generation.</p> <p>Unit has done Regular preventive maintenance for avoiding leakages, spillages etc.</p>
a.	Metering and control of quantities of active ingredients to minimize waste	Complied

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b	Reuse of by-products from the process as raw materials or as raw materials substitutes	Complied
c	Use of automated and close filling to minimize spillage	Complied
d	Use of close feed system into batch reactors	Complied
e	Venting equipment through vapor recovery system	Complied
f	Use of high pressure hoses for cleaning to reduce wastewater generation.	Complied
g	Recycling of washes to subsequent batches	Complied
h	Recycling of steam condensate	Complied
i	Sweeping/mopping of floor instead of floor washing to avoid effluent generation	Complied
j	Regular preventive maintenance for avoiding leakage, spillage etc	Complied
B.2.7 GREEN BELT AND OTHER PLANTATION:		
120	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 Unit has developed a greenbelt area in the GIDC Vapi notified area.
121	Drip irrigation/low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Partially Complied Unit will provide a low-angle sprinkler system for the green belt development within the premises.
B 3. OTHER CONDITION:		
122	Project proponents shall have to install an adequate environment management system as per the CPCB/GPCB directives regarding effluent discharge and air emission.	Noted & Complied


M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

123	The project proponent shall obtain all required permissions regarding safety and fire and shall report to SEIAA.	Noted & Complied
124	Project proponent shall carry out mockdrill as per the guideline with proper evacuation plan.	Noted & Complied
125	The Project proponent shall submit six monthly compliance reports to SEIAA & SEAC.	Noted & Complied
126	Integrated Regional office Gandhinagar of NoEF&CC and GPCB shall monitor all environment =, safety & health norms as per the prevailing rules.	Noted & Complied
127	Unit shall comply with 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).	Noted & Complied
128	The provisions of solid waste management rules,2016, e-Waste (Management) Rules,2016,the Construction and Demolition Waste management Rule,2016 and the Plastic waste Management Rules,2016 shall be followed.	Noted & Complied
129	Rain water harvesting (Off-site) shall be undertaken to conserve freshwater as well as to recharge ground water. Before recharging the surface run off,pre-treatment must be done to remove suspended matter. (Applicable for units consuming ground water> 50 KLD in line with the prevailing guidelines of SPCB).	Complied Rain water harvesting system is available for the boiler area.
130	The unit shall join and participate financially and technically for any common environment 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.	Noted & Complied
131	Applicable 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.	Complied Unit has installed a 4.5KW solar system for illumination of common areas,lighting for gardens and street lighting.
132	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purposes.	Complied The area earmarked as green area is used only for plantation and shall not be

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		altered for any other purposes.
133	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.	Noted & Complied
134	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.	Noted & Complied
135	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.	Noted & Complied
136	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	Noted & Complied
137	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.	Noted & Complied
138	Pucca flooring/impervious layer shall be provided in the work areas,chemical storage areas and chemical handling areas to minimize soil contamination.	Complied Pucca flooring/impervious layer is provided in the work areas,chemical storage areas and chemical handling areas to minimize soil contamination.
139	Leakages from pipes, pumps shall be minimal and if occurs,shall be arrested promptly.	Complied Leakages from pipes, pumps are minimal and if occurs,it is arrested promptly.
140	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.	Noted
141	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution)Act,1974,Air (Prevention & Control & Pollution)Act,1981 the Environment (Protection) Act,1986, Hazardous Waste (Management,Handling and Transboundary Movement)Rules,2008 and the Public Liability	Noted & Complied

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

	Insurance Act,1991 along with their amendments and rules.	
142	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.	Noted & Complied
143	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 proposed by project proponent.	Noted & Complied
144	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 purposes.	Noted & Complied
145	The applicant shall inform the public that the project has been accorded environment 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 newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and other in English.A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<p>Noted & Complied</p>  <p>Gujarati Advertisement</p>

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

		<p align="center">English Advertisement</p>
146	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.	Noted & Complied
147	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.	Noted
148	The project authorities shall also adhere to the stipulated made by the Gujarat Pollution Control Board.	Noted
149	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted
150	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.	Noted
151	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.	Noted

M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.

152	This environmental clearance is valid for seven years from the date of issue.	Noted
153	Any appeal against this environment 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.	Noted
154	Submission of any false or misleading information or data which is material to scoping or appraisal or decision on the application makes the environment clearance canceled.	Noted



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

R.P.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, framed under the Environmental (Protection) Act-1986.

And whereas Board has received CC&A (Renewal) application inward no: **287980** dated: **12.10.2023** for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,

M/s. Aarti Industries Ltd (Nascent Division),
Plot No. 24, Phase – 1,
GIDC Estate, Vapi – 396195,
Tal: Pardi, Dist: Valsad.

- Consent Order No.: **AWH- 131198**, Date of issue: **26.12.2023**.
- The consents shall be valid up to **31.12.2030** for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity (MT/Month)
1	Monochloro Benzene (MCB)	1450 (Either/or)
2	Ortho Dichloro Benzene (ODCB)	
3	Para Dichloro Benzene (PDCB)	
4	DCB Mixture	
5	Trichloro Benzene (TCB)	200 (Either/or)
6	Meta Dichloro Benzene (MDCB)	
7	123 Trichloro Benzene (123 TCB)	200 (Either/or)
8	2,4 Dichloro fluoro Benzene (2,4 DCFB)	
9	2,4 Difluoro Chloro Benzene (2,4 DFCB)	
10	2,6 Dichloro Fluoro Benzene (2,6 DCFB)	

3. CONDITIONS UNDER WATER (PREVENTION AND CONTROL OF POLLUTION) ACT 1974:

- The quantity of total fresh water consumption shall not exceed **239.14 KLD** as per break up mentioned in form D submitted for consent application under the Water (Prevention and Control of Pollution) Act-1974.

- Industrial: 227.14 KLD
- Domestic: 12 KLD

- Total quantity of effluent generated from manufacturing process and other ancillary operation shall not exceed **54.5 KLD**.

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- 3.3 Out of generated @54.5 KLD industrial effluent, @12 KLD concentrated wastewater shall be sent to MEF of Sister concern M/s. Aarti Industries Ltd (Alchemie Organic Division) and while rest @42.5 KLD wastewater shall be treated in to ETP and sent to CETP of VGEL – Vapi for further treatment and disposal.
- 3.4 The quantity of Domestic waste water (Sewage) from the industry shall not exceed **09 KLD**.

3.5 TRADE EFFLUENT

- 3.5.1 The treated effluent from the industrial unit shall conform to the CETP inlet norms mentioned in below table:

Sr.No.	Parameter	Permissible limit
1	Ph	6 - 9
2	Biological Oxygen Demand (BOD), 27 °C	400 mg/l
3	Chemical Oxygen Demand (COD)	1000 mg/l
4	Total Suspended Solids (TSS)	300 mg/l
5	Fixed Dissolved Solids (FDS)	2100 mg/l
6	Temperature, °C	40°C
7	Oil and Grease	10 mg/l
8	Ammonical Nitrogen	50 mg/l
9	Chlorides	600 mg/l
10	Sulphates, as SO ₄	1000 mg/l
11	Fluorides	2 mg/l
12	Sulphides, as S	2 mg/l
13	Phenolic Compounds	1 mg/l
14	Zinc	5 mg/l
15	Iron	3 mg/l
16	Copper	3 mg/l
17	Nickel	3 mg/l
18	Arsenic	0.2 mg/l
19	Cyanides, as CN	0.2 mg/l
20	Vanadium	0.2 mg/l
21	Lead	0.1 mg/l
22	Hexavalent Chromium	0.1 mg/l
23	Total Chromium	2 mg/l
24	Trivalent Chromium	2 mg/l
25	Selenium	0.05 mg/l
26	Cadmium	0.05 mg/l
27	Mercury	0.01 mg/l
28	Insecticides/ Pesticides	Absent
29	Colour (placo scale) in units	100

- 3.5.2 The final treated effluent conforming to the above standards mentioned in Column No. 3 shall be discharged through GIDC underground drainage system into CETP, Vapi for further treatment and disposal.
- 3.5.3 The applicant shall either stop or curtail their production activities if the effluent is not adequately treated by CETP or CETP is not in functional.
- 3.5.4 Domestic effluent shall be disposed off through septic tank/soak pit system.

4. CONDITIONS UNDER THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT 1981:

- 4.1 The following shall be used as fuel.

Sr. No.	Fuel	Quantity
1	Coal	1.0805 MT/Hr
2	Diesel	0.03 KL/Hr
3	HSD	120 Kg/Hr



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4.2 The flue gas emission through existing stack shall conform to the following standards:

Sr. No	Stack attached to	St. Ht.	APCM	Parameters & Permissible Limit
1.	Boiler (3 TPH) (Standby)	11 m	Adequate Stack Height	PM – 150 mg/Nm ³ SO _x – 100 ppm NO _x – 50 ppm
2	Boiler (6 TPH)	30 m	Scrubber + Bag Filter	
3	Thermopack (2 Lakh Kcal/ Hr)	17.2 m	Adequate Stack Height	
4	Thermopack (3.5 Lakh Kcal/ Hr)	20.4 m	Adequate Stack Height	
5	D.G. Set (2 nos) (380 KVA each)	11 m	Acoustic Enclosure	

4.3 The process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards:

Sr. No.	Stack attached to	St. Ht.	APCM	Parameters & Permissible Limit
1.	Chlorinator	12 m	Two stage water scrubber followed by Scrubber	Cl ₂ – 09 mg/Nm ³ NO _x – 40 mg/Nm ³
2.	Chlorinator	12 m		
3.	Chlorinator in MCB plant (Chlorination)	12 m	Two stage water scrubbers followed by Alkali Scrubber	Cl ₂ – 09 mg/Nm ³ HCl – 20 mg/Nm ³

4.4 The Concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following.

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/NM ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5}	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m ³	8 Hours 1 Hour	02 04

4.5 All measures for the control of environmental pollutant shall be provided before commencing production.

5 GENERAL CONDITIONS:

5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

5.2 Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).

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6. **Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))**

6.1 Number of authorization: **AWH-131198, Date of issue: 26.12.2023.**

6.2 Reference of application: **287980** dated: **12.10.2023.**

6.3 **M/s. Aarti Industries Ltd (Nascent Division)**, is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at **Plot No.: 24, Phase – I, GIDC Estate, Vapi – 396195, Tal: Pardi, Dist: Valsad.**

Details of authorization:

Sr No	Type of Waste	Quantity (TPA)	Disposal Mode
1	ETP Waste (35.3)	7.44	Collection, Storage, Transportation, and Disposal by sending to approved and authorized CHW/TSDF / Pre-processors / co-processors by use of GPS mounted vehicles and XGN manifest system.
2	Discarded containers drums (33.1)	2.491	Collection, Storage, Transportation, disposal by reuse or by selling to registered recyclers having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
3	Process residue (28.1)	4.6	Collection, Storage, Transportation, disposal by sending to CHW/F / co-processors / Pre-processors sites by use of GPS mounted vehicles and XGN manifest system.
4	Used oil (5.1)	0.1	Collection, Storage, Transportation, disposal by sending to registered re-refiners having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
5	HCl (Inorganic Acid) (I-26.3 & II-B15)	26950	Collection, Storage, Transportation, Disposal by sending to M/s. Aarti Industries Limited (Organic Division) (ID: 22987) with whom MoU is done and having Rule – 9 permission by use of GPS mounted vehicles and XGN manifest system.
6	Nitrosyl Sulphuric Acid(Inorganic Acid) (I-26.3 & II-B15)	5712.18	Collection, Storage, Transportation, Disposal by sending to M/s Aarti Industries Limited (Alchemie Org. Division) (ID: 22980) with whom MoU is done and having Rule -- 9 permission by use of GPS mounted vehicles and XGN manifest system.
7	Insulation waste Thermoco (S1)	25	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.
8	PPE's Waste (33.2)	25	Collection, Storage, Transportation, disposal by sending to approved and authorized TSDF / CHWIF / co-processors / Pre-processors sites by use of GPS mounted vehicles and XGN manifest system.
9	Battery waste	1500 Nos.	Collection, Storage, Transportation, disposal by selling to authorized recyclers or send back to suppliers (Buyback) by use of GPS mounted vehicles and XGN manifest system. Disposal
10	Cotton waste (33.2.5.2)	25	Collection, Storage, Transportation, disposal by sending to approved and authorized CHWIF / co-processors / Pre-processors sites by use of GPS mounted vehicles and XGN manifest system.
11	Asbestos waste (15.2)	25	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.

6.4 The authorization shall be valid for a period of **31.12.2030.**

6.5 The authorization is subject to the following general and specific conditions:

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GANDHINAGAR - 382010,

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A. General Conditions under Hazardous and other Wastes (Management and Transboundary Movement) Rules-2016:

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
4. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
5. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
6. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
7. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
8. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
11. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
13. An application for the renewal of an authorization shall be made as laid down under these Rules.
14. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
15. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions:

1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
2. Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.
3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.

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4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB from time to time.
5. Unit shall comply provisions of E-Waste Management Rules-2016.

**For and on behalf of
Gujarat Pollution Control Board**



**(R. B. Trivedi)
Unit Head, Vapi**

NO: GPCB/CCA-VSD-47(4)/ID: 23971/

Date:

GPCB ID: 23971, Inward ID: 287980

S. J. PANDIT, IFS (Retd.)
MEMBER SECRETARY
SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/5(f)/ 1558 /2021

Date: 14 OCT 2021

By R P A D

Time Limit

Sub: Environment Clearance to M/s. Aarti Industries Limited(Nascent Division) for setting up expansion of manufacturing plant of 'Synthetic Organic Chemicals' at Plot no. 24, 25 Phase 1, GIDC Vapi, Valsad. In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2/60982/2020.

Dear Sir,

This has reference to your application along with EIA report dated 02/03/2021 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to M/s. Aarti Industries Limited(Nascent Division) for setting up expansion of manufacturing plant of 'Synthetic Organic Chemicals' at Plot no. 24, 25 Phase 1, GIDC Vapi, Valsad. It is an existing unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

Sr. No	Products Name	CAS No.	Production Quantity (MT/Year)			End Use of Products
			Existing	Proposed	Proposed Total	
1	Mono Chloro Benzene (MCB)	108-90-7	4800			Used in manufacturing of synthetic organic chemicals (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)
2	Ortho Dichloro Benzene (ODCB) OR Para Dichloro Benzene (PDCB) OR Meta Dichloro Benzene (MDCB) OR Crude Dichloro Benzene (Crude DCB)	95-50-1 OR 106-46-7 OR 541-73-1	12600	11400	28800	
3	Trichloro Benzene (TCB) OR Crude Trichloro Benzene (Crude TCB)	120-82-1	600	5400	6000	
4	Meta Dichloro Benzene (MDCB)	541-73-1	2400	0	2400	
5	2,4 DichloroFlouro Benzene (2,4 DCFB)	1435-48-9	1200			
6	2,4 DiflouroChloro Benzene (2,4 DFCB) OR 2,6 DichloroFlouro Benzene (2,6 DCFB) OR	1435-44-5 OR 2268-05-5	1200	0	2400	
7	2,4,6 TriflouroChloro Benzene (2,4,6 TFCB)	315-14-0		0	0	
8	ODCB (Only flaking)	106-46-7	0	21600	21600	
9	Ranolazine	95635-55-5	0			
10	Niraparib	1038915-	0	240	240	

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

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E-mail : msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

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	Hydrochloride	64-8				
11	Calcium Chloride Solution	10043-52-4	0	12000	12000	Oil exploration, Refrigeration, de-icing
	Total		22800 MT/Year	50640 MT/Year	73440 MT/Year	

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 25/08/2021 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 29/07/2021. The proposal was considered by SEIAA, Gujarat in its meeting held on 29/09/2021 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 :

1. PP shall not carry out sand blasting activities within premises which is prohibited activities and as per the notarized undertaking submitted.
2. Unit shall install CEMS[Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-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].
3. All measures shall be taken to prevent soil and ground water contamination.
4. The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be complied with.
5. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.
6. 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.
7. The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government, and/or any other statutory authority.
8. The PP shall develop green belt (2018 Sq m (9.3%) within premises + 2149 Sq m (9.90%) in outside periphery of the unit + 4920 Sq m (22.60%) in GIDC Vapi area= 9087 Sq m i.e. 41.80% of the total plot area) as committed 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.
9. **Safety & Health:**
 - a) PP shall obtain PESO permission for the storage and handling of hazardous chemicals.
 - b) PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.
 - c) 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.
 - d) Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
 - e) 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.
 - f) 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.
 - g) 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.
 - h) 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 labor within premises.
 - i) Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.
 - j) Unit shall never store drum/barrels/carboys of incompatible material/chemical together.
 - k) Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.
 - l) (1) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. (2) Unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent tank farm.
10. Unit shall comply with all the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in Original Application No.

1038/2018 dated 10/07/2018.

11. Unit shall stand in compliance to Office Memorandum (OM) vide Letter No. F. No. 22-23/2018 – IA.III (Pt) dated 31/10/2019 regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (Published on 23/08/2019) in Original Application No. 1038/2018.
12. No project/activity in contradiction to the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018 shall be carried out else the granted Environment Clearance shall stand cancelled.
13. Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises. (If there is in-house solvent recovery and in-house distillation)
14. Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained
15. Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sending to CHWIF/TSD sites respectively.
16. Unit shall install CEMS in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-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. [Whichever (Air emission & Effluent discharge) is applicable as per the prevailing guidelines of GPCB/CPCB].
17. All measures shall be taken to prevent soil and ground water contamination.
18. The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be complied with.
19. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.
20. 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.
21. Unit shall provide CCTV camera at strategic locations within premises with web link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).
22. Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB recognized auditors.

A. 2 WATER :

23. Total water requirement for the project shall not exceed 921.80 KLD. Unit shall reuse 119 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 802.80 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.
24. The industrial effluent generation from the project shall not exceed 166.40 KLD.
25. Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) Low COD and TDS effluent and it shall be managed as below.
 - **High COD and TDS effluent (54.57 KLD)**
 - 35.40 KLD, High COD and TDS effluent from process & scrubber and 19.17 KLD, RO reject after neutralization shall be treated in MEE. 49.70 KLD, MEE condensate shall be reused within premises. In case of shutdown/ maintenance of MEE, 54.57 KLD, High COD effluent shall be sent to CMEE-BEIL for further treatment & disposal.
 - **Low COD and TDS effluent (131 KLD):**
 - 16 KLD, Low COD effluent from process & scrubber, 115 KLD, Low COD effluent from utility & washing shall be treated in ETP consists of primary & tertiary treatment units.
 - Out of 131 KLD, treated effluent, 54.53 KLD shall be sent to CETP-VGEL, Vapi for further treatment & disposal and 76.47 KLD shall be treated in in-house RO.
 - 57.30 KLD, RO permeate shall be reused within premises.
26. Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.
27. Project proponent (PP) shall adopt appropriate methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (Prevention and Control of Pollution) act, 1974 issued by CPCB regarding compliance of CETP.
28. Treated waste water shall be sent to CETP-VGEL-Vapi and Common MEE-BEIL only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human Health and Environment.
29. Domestic wastewater generation shall not exceed 12 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off through soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.
30. 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.



31. Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days and during any shut down of in-house MEE.
32. The unit shall provide metering facility at the inlet and outlet of ETP, MEE, RO & STP and maintain records for the same.
33. Proper logbooks of ETP, MEE, RO & STP; 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.3AIR:

34. 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.
35. Unit shall not exceed fuel consumption for boilers, thermopacks and D G Sets as mentioned below:

Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
1	Boiler I (10 T/Hr)	Height: 30 Meter Dia: 0.8 Meter	Imported Coal	2085 Kg/Hr	PM, SO ₂ , NO _x	ESP + Lime dosing along with coal with 30 m stack height & OCEMS will be provided.
2	Boiler II (10 T/Hr)	Height: 30 Meter Dia: 0.8 Meter	Imported Coal	2085 Kg/Hr	PM, SO ₂ , NO _x	ESP + Lime dosing along with coal with 30 m stack height & OCEMS will be provided.
3	Thermopack (6 Lakh Kcal/Hr)	Height: 27.5 Meter Dia: 0.401 Meter	Imported Coal	100 Kg/Hr	PM, SO ₂ , NO _x	Bag Filter + Lime dosing along with coal with 27.5 m stack height will be provided.
4	Thermopack (2 Lakh Kcal/Hr)	Height: 16.5 Meter Dia: 0.205 Meter	HSD	35 Litres/Hr	PM, SO ₂ , NO _x	16.5 m Stack Height will be provided.
5	D.G. Set (Stand By) (2000 KVA)	Height: 30 Meter	HSD	600 Litres/Hr	PM, SO ₂ , NO _x	30 m Stack Height will be provided.
6	D.G. Set (Stand By) (1500 KVA)	Height: 30 Meter	HSD	450 Liters/Hr	PM, SO ₂ , NO _x	30 m Stack Height will be provided.

Note: - 12 MT/Hr Steam generated from the proposed Boilers will be sent to Aarti Industries Limited (Custom Synthesis Division). And 50 % of the steam condensate will be received back to the Aarti Industries Limited (Nascent Division) from ALL (CSD).

* Unit will replace existing boilers (3 T/Hr & 6 T/Hr), Thermopacks (2 Lakh Kcal/Hr & 3.5 Lakh Kcal/Hr) and D.G. Sets (2 nos. x 380 KVA) after proposed expansion. Unit will install two boilers having capacity of 10 TPH (each), two Thermopacks (6 Lakh Kcal/Hr & 2 Lakh Kcal/Hr) and two D.G. sets (2000 KVA & 1500 KVA) as mentioned above.

36. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:
37. 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)
1	Two Stage Scrubber of MCB Plant (Existing)	Cl ₂ , HCl	Height: 12 Meter Dia: 50 mm	Two Stage Water Absorber followed by Caustic Scrubber
2	Three stage Scrubber of MDCB Plant (Existing)	Cl ₂ , NO _x , HCl	Height: 12 Meter Dia: 150 mm	Three Stage Water Scrubber followed by Caustic Scrubber
3	Three stage Scrubber of DFCB Plant (Existing)	Cl ₂ , NO _x , HCl	Height: 12 Meter Dia: 200 mm	Three Stage Water Scrubber followed by Caustic Scrubber
4	Single Stage Scrubber of Chlorine Shed	Cl ₂	Height: 12 Meter Dia: 150 mm	Single Stage Caustic Scrubber
5	Single Stage Scrubber	HCl, NO _x	Height: 12 Meter	Single Stage Caustic Scrubber

	of ETP & CaCl ₂		Dia: 150 mm	
6	Two stage scrubber of HCL Storage	HCl	Height: 12 Meter Dia: 150 mm	Water Scrubber followed by Caustic Scrubber

38. There shall be no process gas emission from manufacturing process and other ancillary operations.
39. 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.
40. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
41. Regular monitoring of ground level concentration of PM₁₀, PM_{2.5}, SO₂, NO_x, HCl, Cl₂ 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:

42. All the hazardous/ solid 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	
1	ETP Sludge	From Effluent Treatment Plant	35.3	7.44 MT/Year	147.56 MT/Year	155 MT/Year	Collection, Storage, Transportation and Send to TSDF for Landfilling
2	Used Oil	From Plant & Machineries	5.1	0.100 MT/Year	9.9 MT/Year	10 MT/Year	Collection, Storage, Transportation and Send to Registered Refiners/recylers
3	Discarded Containers (Bags & drums)	From Raw Material Packaging	33.3	2.491 MT/Year	47.509 MT/Year	50 MT/Year	Collection, Storage, Decontamination, Transportation and Send to Authorized Recycler/TSDF/Send to Co-processing
4	Evaporator Salt	From Evaporator	35.3	0	1767 MT/Year	1767 MT/Year	Collection, Storage, Transportation and Send to TSDF for Landfilling
5	Process Residue	From Process	26.1	4.8 MT/Year	808.2 MT/Year	813 MT/Year	Collection, Storage, Transportation and Send to CHWIF for Incineration / sent to Cement Co Processing unit.
6	Sodium Hypochlorite	From Process	-	0	12921 MT/Year	12921 MT/Year	Collection, Storage transportation and Sold to SPCB or GPCB Approved Units Through Manifest System Only
7	Nitrosylsulfuric acid	From Process	B15	5718.12 MT/Year	13951.88 MT/Year	19670 MT/Year	Collection, Storage transportation and Sold to SPCB or GPCB Approved Units Through Manifest System Only
8	Hydro Chloric Acid	From Process	B15	27264 MT/Year	29763 MT/Year	57027 MT/Year	Collection, Storage transportation and Sold to SPCB or GPCB Approved Units Through Manifest System Only
9	Process Sludge	From Production of Calcium Chloride	26.1	0	672 MT/Year	672 MT/Year	Collection, Storage, Transportation and Send to TSDF for Landfilling
10	Mixed Solvent	From Process	26.4	0	653 MT/Year	653 MT/Year	Collection, Storage, Transportation and Send to CHWIF for Incineration/Send to Cement Industry for Co-Processing/Authorized solvent recyclers
11	Acetone	From Process	26.4	0	1791 MT/	1791 MT/	Recovered and reused within same process



					Year	Year	
12	Methanol	From Process	26.4	0	3628 MT/Year	3628 MT/Year	Recovered and reused within same process
13	Off Specification Waste	From Manufacturing Process/Plant	A4030	--	12 MT/Year	12 MT/Year	Collection, Storage, Transportation and Send to CHWTSDF for Incineration
14	Spent Carbon	From ETP	35.3	--	12 MT/Year	12 MT/Year	Collection, Storage, Transportation and Send to Cement Industry for Co-processing/or Send to CHWTSDF for Incineration
15	Fly Ash	Boiler/Thermopack	--	90 MT/Year	3650 MT/Year	3740 MT/Year	Collection, Storage, Transportation and Sell to Brick Manufacturers/ Send to Cement Co Processing / sent for Road Construction activity.
16	Sewage Sludge	From STP		--	5 MT/Year	5 MT/Year	Collection and reused as fertilizer/manure in gardening activity.

43. 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.
44. 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.
45. 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. 50 OTHER:

46. The project proponent shall allocate the separate fund of Rs. 30.40 Lakhs as committed before SEAC. The entire activities proposed under CER 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.
47. 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 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:

48. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.
49. 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.
50. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
51. First Aid Box shall be made readily available in adequate quantity at all the times.
52. 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.
53. 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.
54. 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.
55. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
56. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
57. 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.
58. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix

vehicles [etc] and road tree paints in the project.

59. 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.
60. "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.
61. "No uncovered vehicles carrying construction material and waste shall be permitted."
62. "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."
63. Roads leading to or at construction site must be paved and blacktopped (i.e. – metallic roads).
64. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
65. Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.
66. Grinding and cutting of building materials in open area shall be prohibited.
67. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
68. 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:

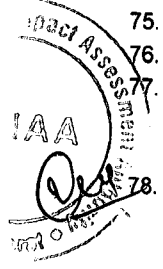
69. Industry should provide separate dedicated washing area for hand washing/bathing of worker and the waste water generated from the same should be taken into ETP.
70. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
71. All efforts shall be 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:

72. 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.
73. 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.
74. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.
75. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.
76. Adequate Air Pollution Control Measures [APCM] shall be provided.
77. The unit shall adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
78. Unit shall take adequate measures to control odor nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odor vulnerable areas etc.
79. Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.

B.2.3 HAZARDOUS/SOLID WASTE:

80. 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.
81. 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.
82. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
83. 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.
84. The design of the Trucks/tankers shall be such that there is no spillage during transportation
85. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
86. 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.
87. Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWIF, co-processing and end-users having Rule-9 permission.
88. The by-products which fall under the purview of the Hazardous and Other Wastes (Management and Transboundary Movement)



Rules 2016 shall be handled as per the said rules and necessary permissions from the concern authority shall be obtained.

89. Unit shall submit the list of authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production. In absence of potential buyers of these items, the unit shall restrict the production of respective item.
90. Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

B.2.4 SAFETY:

91. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963
92. 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 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.
93. Main entry and exit shall be separate and clearly marked in the facility.
94. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
95. Storage of flammable chemicals shall be sufficiently away from the production area.
96. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
97. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
98. 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.
99. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
100. Only flame proof electrical fittings shall be provided in the plant premises.
101. 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.
102. 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.
103. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
104. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
105. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
106. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
107. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
108. 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.
109. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
110. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
111. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.
112. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be maintained.
113. Effective safety precaution shall be taken for chemical storage, process handling and transportation hazard.
114. Unit shall prepare and Implement SOP for safe operation of the works.
115. Comply the statutory provision of safety audit & its compliance report.
116. Effective step shall be taken for prevention of fire, explosion & toxic release.

B.2.5 NOISE:

117. 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.

B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:

118. 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.
119. 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.
- j. Regular preventive maintenance for avoiding leakage, spillage etc.

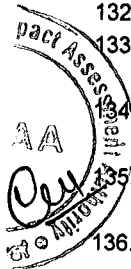
B.2.7 GREEN BELT AND OTHER PLANTATION:

120. 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.

121. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

B.3 OTHER CONDITION:

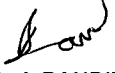
122. Project proponent shall have to install adequate environment management system as per the CPCB/GPCB directives regarding effluent discharge and air emission.
123. The project proponent shall obtain all required permissions regarding safety and fire and shall report to SEIAA.
124. Project proponent shall carry out mockdrill as per the guidelines with proper evacuation plan.
125. The project proponent shall submit six monthly compliance reports to SEIAA & SEAC.
126. Integrated Regional Office Gandhinagar of MoEF&CC and GPCB shall monitor all environment, safety & health norms as per the prevailing rules.
127. 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).
128. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.
129. Rain water harvesting (Off-site) shall be undertaken 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. (Applicable for units consuming ground water \geq 50 KLD in line with the prevailing guidelines of SPCB).
130. 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.
131. 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.
132. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
133. 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.
134. 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.
135. 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.
136. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
137. During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
138. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
139. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
140. 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.
141. 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.
142. 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.
143. The project management shall ensure that 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 proposed by project proponent.
144. 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.

145. 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.
146. 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.
147. 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.
148. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
149. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
150. 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.
151. 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.
152. This environmental clearance is valid for seven years from the date of issue.
153. 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.
154. 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.

With regards,
Yours sincerely,


(S. J. PANDIT)
Member Secretary

Issued to:
M/s. Aarti Industries Limited (Nascent Division)
Plot no. 24, 25 Phase 1, GIDC Vapi, Valsad



Analysis Summary Report for Ambient Air Quality Monitoring	Month: Oct- 2023
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-1 (Way Bridge) Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀ Unit µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	06/10/2023	79.0	35.1	24.2	32.1	0.49	15.4	22.9	BDL	BDL	BDL	BDL	BDL
2.	07/10/2023	69.4	30.2	19.8	28.2	0.69	--	--	--	--	--	--	--
3.	13/10/2023	85.3	47.0	30.5	38.1	0.84	--	--	--	--	--	--	--
4.	14/10/2023	73.0	33.9	18.7	27.2	0.76	--	--	--	--	--	--	--
5.	20/10/2023	81.3	40.0	25.1	33.2	0.68	--	--	--	--	--	--	--
6.	21/10/2023	76.2	34.0	26.4	36.3	0.94	--	--	--	--	--	--	--
7.	27/10/2023	70.7	31.8	22.2	29.4	0.75	--	--	--	--	--	--	--
8.	28/10/2023	81.8	41.3	29.2	38.1	0.83	--	--	--	--	--	--	--
	Maximum	85.3	47.0	30.5	38.1	0.94	--	--	--	--	--	--	--
	Minimum	69.4	30.2	18.7	27.2	0.49	--	--	--	--	--	--	--
	Average	77.0	36.6	24.5	32.8	0.74	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

P. J. P. A.
ANALYSED BY


AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.

Analysis Summary Report for Ambient Air Quality Monitoring	Month: Oct - 2023
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near MCB Plant Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	06/10/2023	76.4	36.3	25.4	35.2	0.57	13.2	10.4	BDL	BDL	BDL	BDL	BDL
2.	07/10/2023	84.0	43.2	32.2	42.4	0.86	--	--	--	--	--	--	--
3.	13/10/2023	67.8	26.7	23.5	29.7	0.94	--	--	--	--	--	--	--
4.	14/10/2023	76.5	34.6	27.7	35.9	0.76	--	--	--	--	--	--	--
5.	20/10/2023	65.5	25.7	15.8	21.1	0.69	--	--	--	--	--	--	--
6.	21/10/2023	69.3	26.9	23.1	32.0	0.54	--	--	--	--	--	--	--
7.	27/10/2023	81.9	40.6	28.6	35.7	0.73	--	--	--	--	--	--	--
8.	28/10/2023	61.3	25.9	20.3	24.7	0.59	--	--	--	--	--	--	--
	Maximum	84.0	43.2	32.2	42.4	0.94	--	--	--	--	--	--	--
	Minimum	61.3	25.7	15.8	21.1	0.54	--	--	--	--	--	--	--
	Average	72.8	32.4	24.5	32.0	0.71	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Patel P.A
ANALYSED BY

C. K. Desai
AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

ENPRO
Environment,
Energy, Water
Project Consultant

Analysis Summary Report for Ambient Air Quality Monitoring **Month: Oct- 2023**

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-2 **Duration of Sampling: 24 hours**

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	06/10/2023	67.9	31.0	18.3	28.4	0.49	9.3	15.2	BDL	BDL	BDL	BDL	BDL
2.	07/10/2023	90.4	49.0	31.1	38.7	0.67	--	--	--	--	--	--	--
3.	13/10/2023	73.0	35.2	20.0	27.4	0.58	--	--	--	--	--	--	--
4.	14/10/2023	80.0	35.7	18.3	24.2	0.72	--	--	--	--	--	--	--
5.	20/10/2023	74.8	34.9	22.7	28.1	0.94	--	--	--	--	--	--	--
6.	21/10/2023	83.9	41.7	25.8	37.0	0.61	--	--	--	--	--	--	--
7.	27/10/2023	78.6	38.8	24.3	32.4	0.43	--	--	--	--	--	--	--
8.	28/10/2023	82.0	38.2	31.5	39.2	0.57	--	--	--	--	--	--	--
	Maximum	90.4	49.0	31.5	39.2	0.94	--	--	--	--	--	--	--
	Minimum	67.9	31.0	18.3	24.2	0.43	--	--	--	--	--	--	--
	Average	78.8	38.0	24.0	31.9	0.62	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY

C. R. Patel
AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.

Analysis Summary Report for Ambient Air Quality Monitoring	Month: Nov- 2023
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1. GENERAL DETAILS:

Name of Industry: Aarti Salts and Chemicals, Plot No. A-16/9, Phase-I, GIDC, Vapi.	
Location: Near Security Gate	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	03/11/2023	83.0	41.2	26.9	32.6	0.82	14.2	7.5	BDL	BDL	BDL	BDL	BDL
2.	04/11/2023	72.1	30.8	18.7	23.8	0.67	--	--	--	--	--	--	--
3.	10/11/2023	87.8	44.7	25.8	34.1	0.59	--	--	--	--	--	--	--
4.	11/11/2023	66.5	24.7	15.5	21.9	0.84	--	--	--	--	--	--	--
5.	17/11/2023	73.4	35.9	21.2	28.0	0.72	--	--	--	--	--	--	--
6.	18/11/2023	90.3	44.9	30.1	38.8	0.82	--	--	--	--	--	--	--
7.	24/11/2023	76.7	38.0	23.3	31.1	0.94	--	--	--	--	--	--	--
8.	25/11/2023	64.6	26.5	14.0	20.1	0.63	--	--	--	--	--	--	--
	Maximum	90.3	44.9	30.1	38.8	0.94	--	--	--	--	--	--	--
	Minimum	64.6	24.7	14.0	20.1	0.59	--	--	--	--	--	--	--
	Average	76.8	35.8	21.9	28.8	0.75	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Patel P. A
ANALYSED BY

C. R. Oswal
AUTHORIZED SIGNATOR

Note: This report is subject to terms & conditions mentioned overleaf.



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Analysis Summary Report for Ambient Air Quality Monitoring	Month : Nov - 2023
--	--------------------

1. GENERAL DETAILS:

Name of Industry: Aarti Salts and Chemicals, Plot No. A-16/9, Phase-I, GIDC, Vapi.	
Location: Near HCL Tank	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	03/11/2023	76.4	38.7	23.5	32.6	0.59	20.3	9.4	BDL	BDL	BDL	BDL	BDL
2.	04/11/2023	88.3	47.6	30.9	39.3	0.81	--	--	--	--	--	--	--
3.	10/11/2023	61.2	32.8	18.7	26.1	0.76	--	--	--	--	--	--	--
4.	11/11/2023	78.9	42.0	27.9	35.1	0.68	--	--	--	--	--	--	--
5.	17/11/2023	87.2	50.0	26.1	35.0	0.94	--	--	--	--	--	--	--
6.	18/11/2023	84.4	42.8	21.3	30.7	0.85	--	--	--	--	--	--	--
7.	24/11/2023	73.3	34.2	22.4	27.2	0.73	--	--	--	--	--	--	--
8.	25/11/2023	63.1	29.4	20.2	25.3	0.62	--	--	--	--	--	--	--
	Maximum	88.3	50.0	30.9	39.3	0.94	--	--	--	--	--	--	--
	Minimum	61.2	29.4	18.7	25.3	0.59	--	--	--	--	--	--	--
	Average	76.6	39.6	23.8	31.4	0.74	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P.A
ANALYSED BY

C. A. Desai
AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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Analysis Summary Report for Ambient Air Quality Monitoring

Month: Dec- 2023

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-1 (Way Bridge)

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/12/2023	87.6	45.1	27.6	35.1	0.59	13.2	21.7	BDL	BDL	BDL	BDL	BDL
2.	02/12/2023	80.4	41.3	21.4	29.8	0.85	--	--	--	--	--	--	--
3.	08/12/2023	77.3	36.4	19.2	24.7	0.76	--	--	--	--	--	--	--
4.	09/12/2023	91.3	53.1	29.7	35.5	0.84	--	--	--	--	--	--	--
5.	15/12/2023	83.6	41.4	23.6	31.9	0.65	--	--	--	--	--	--	--
6.	16/12/2023	68.9	29.5	18.2	25.6	0.83	--	--	--	--	--	--	--
7.	22/12/2023	89.6	48.7	36.3	43.4	0.46	--	--	--	--	--	--	--
8.	23/12/2023	77.0	34.6	30.8	39.7	0.89	--	--	--	--	--	--	--
9.	29/12/2023	90.8	48.7	37.0	43.1	0.81	--	--	--	--	--	--	--
10.	30/12/2023	76.3	35.1	24.0	31.3	0.69	--	--	--	--	--	--	--
	Maximum	91.3	53.1	37.0	43.4	0.89	--	--	--	--	--	--	--
	Minimum	68.9	29.5	18.2	24.7	0.46	--	--	--	--	--	--	--
	Average	82.2	41.3	26.7	34.0	0.73	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Pattel P. A.
ANALYSED BY

AUTHORIZED SIGNATOR

Note: This report is subject to terms & conditions mentioned overleaf.

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Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in



Analysis Summary Report for Ambient Air Quality Monitoring Month: Dec - 2023

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near MCB Plant

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/12/2023	73.4	35.3	23.7	29.0	0.59	18.9	12.5	BDL	BDL	BDL	BDL	BDL
2.	02/12/2023	84.3	45.9	26.5	34.8	0.85	--	--	--	--	--	--	--
3.	08/12/2023	75.7	36.5	31.4	37.6	0.76	--	--	--	--	--	--	--
4.	09/12/2023	93.7	52.6	35.6	43.8	0.94	--	--	--	--	--	--	--
5.	15/12/2023	69.2	31.2	20.3	26.7	0.67	--	--	--	--	--	--	--
6.	16/12/2023	88.7	46.8	34.3	41.9	0.53	--	--	--	--	--	--	--
7.	22/12/2023	79.7	41.9	21.3	34.6	0.96	--	--	--	--	--	--	--
8.	23/12/2023	91.9	51.1	32.7	42.5	0.94	--	--	--	--	--	--	--
9.	29/12/2023	74.9	34.5	28.8	39.6	0.73	--	--	--	--	--	--	--
10.	30/12/2023	80.8	37.6	23.7	29.3	0.94	--	--	--	--	--	--	--
	Maximum	93.7	52.6	35.6	43.8	0.96	--	--	--	--	--	--	--
	Minimum	69.2	31.2	20.3	26.7	0.59	--	--	--	--	--	--	--
	Average	81.2	41.3	27.8	35.9	0.82	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P. A.
ANALYSED BY


AUTHORIZED SIGNATOR

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Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring Month: Dec- 2023

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/12/2023	82.0	42.1	23.6	32.7	0.59	8.3	15.4	BDL	BDL	BDL	BDL	BDL
2.	02/12/2023	91.1	48.9	33.0	41.7	0.67	--	--	--	--	--	--	--
3.	08/12/2023	78.8	39.9	19.6	26.8	0.73	--	--	--	--	--	--	--
4.	09/12/2023	72.9	33.1	16.5	24.3	0.61	--	--	--	--	--	--	--
5.	15/12/2023	97.6	56.2	38.3	45.9	0.59	--	--	--	--	--	--	--
6.	16/12/2023	65.3	28.5	14.3	21.9	0.46	--	--	--	--	--	--	--
7.	22/12/2023	85.8	46.0	25.9	34.8	0.91	--	--	--	--	--	--	--
8.	23/12/2023	89.9	49.4	26.1	35.2	0.85	--	--	--	--	--	--	--
9.	29/12/2023	91.3	50.4	31.2	40.8	0.53	--	--	--	--	--	--	--
10.	30/12/2023	78.6	42.5	23.7	31.6	0.43	--	--	--	--	--	--	--
	Maximum	97.6	56.2	38.3	45.9	0.91	--	--	--	--	--	--	--
	Minimum	65.3	28.5	14.3	21.9	0.43	--	--	--	--	--	--	--
	Average	83.3	43.7	25.2	33.5	0.63	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Pertel A.
ANALYSED BY

AUTHORIZED SIGNATOR

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
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Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

ENPRO
Environment,
Energy, Water
Project Consultant

Analysis Summary Report for Ambient Air Quality Monitoring	Month: Jan- 24
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-1 (Way Bridge) Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	05/01/2024	91.4	48.9	31.4	38.9	0.37	15.7	23.4	BDL	BDL	BDL	BDL	BDL
2.	06/01/2024	81.1	40.2	23.0	28.5	0.64	--	--	--	--	--	--	--
3.	12/01/2024	74.5	34.6	23.7	32.8	0.85	--	--	--	--	--	--	--
4.	13/01/2024	72.7	32.7	18.5	25.6	0.79	--	--	--	--	--	--	--
5.	19/01/2024	69.4	30.7	19.4	26.7	0.64	--	--	--	--	--	--	--
6.	20/01/2024	87.4	45.2	27.4	35.7	0.58	--	--	--	--	--	--	--
7.	26/01/2024	94.6	52.5	35.9	43.1	0.94	--	--	--	--	--	--	--
8.	27/01/2024	80.8	38.4	27.3	34.6	0.81	--	--	--	--	--	--	--
	Maximum	94.6	52.5	35.9	43.1	0.94	--	--	--	--	--	--	--
	Minimum	69.4	30.7	18.5	25.6	0.37	--	--	--	--	--	--	--
	Average	81.4	40.4	25.8	33.2	0.70	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY

C. R. D. D. D.
AUTHORIZED SIGNATOR

Note: This report is subject to terms & conditions mentioned overleaf.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Analysis Summary Report for Ambient Air Quality Monitoring

Month: Jan - 24

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near MCB Plant

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Parameters	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	05/01/2024	71.2	32.0	26.9	33.1	0.79	15.0	8.5	BDL	BDL	BDL	BDL	BDL
2.	06/01/2024	64.7	26.7	15.8	22.2	0.84	--	--	--	--	--	--	--
3.	12/01/2024	84.2	42.3	29.8	37.4	0.59	--	--	--	--	--	--	--
4.	13/01/2024	70.4	30.0	24.3	35.1	0.68	--	--	--	--	--	--	--
5.	19/01/2024	87.4	46.6	28.2	38.0	0.82	--	--	--	--	--	--	--
6.	20/01/2024	79.8	41.4	22.0	30.3	0.49	--	--	--	--	--	--	--
7.	26/01/2024	75.2	37.4	16.8	30.1	0.73	--	--	--	--	--	--	--
8.	27/01/2024	89.2	48.1	31.1	39.3	0.64	--	--	--	--	--	--	--
	Maximum	89.2	48.1	31.1	39.3	0.84	--	--	--	--	--	--	--
	Minimum	64.7	26.7	15.8	22.2	0.49	--	--	--	--	--	--	--
	Average	77.7	38.0	24.3	33.1	0.69	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P.A.
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Analysis Summary Report for Ambient Air Quality Monitoring Month: Jan- 24

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀ Unit µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	05/01/2024	69.2	29.4	12.8	20.6	0.76	8.3	15.4	BDL	BDL	BDL	BDL	BDL
2.	06/01/2024	78.3	38.4	24.7	35.6	0.98	--	--	--	--	--	--	--
3.	12/01/2024	75.1	36.2	15.9	23.1	0.58	--	--	--	--	--	--	--
4.	13/01/2024	61.6	24.8	16.3	25.8	0.76	--	--	--	--	--	--	--
5.	19/01/2024	82.1	42.3	23.6	31.1	0.53	--	--	--	--	--	--	--
6.	20/01/2024	93.9	52.5	34.6	42.2	0.49	--	--	--	--	--	--	--
7.	26/01/2024	74.9	38.8	20.0	27.9	0.69	--	--	--	--	--	--	--
8.	27/01/2024	68.5	27.6	13.4	21.5	0.54	--	--	--	--	--	--	--
	Maximum	93.9	52.5	34.6	42.2	0.98	--	--	--	--	--	--	--
	Minimum	61.6	24.8	12.8	20.6	0.49	--	--	--	--	--	--	--
	Average	75.4	36.2	20.1	28.4	0.67	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P. A.
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Analysis Summary Report for Ambient Air Quality Monitoring

Month: Feb- 24

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-1 (Way Bridge)

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Parameters Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	02/02/2024	70.7	30.8	19.9	26.3	0.64	17.3	26.9	BDL	BDL	BDL	BDL	BDL
2.	03/02/2024	77.3	36.4	23.5	34.2	0.79	--	--	--	--	--	--	--
3.	09/02/2024	82.2	39.1	16.4	23.9	0.37	--	--	--	--	--	--	--
4.	10/02/2024	87.6	45.1	27.6	35.1	0.58	--	--	--	--	--	--	--
5.	16/02/2024	90.8	50.7	23.8	36.3	0.46	--	--	--	--	--	--	--
6.	17/02/2024	92.5	51.4	35.2	45.1	0.85	--	--	--	--	--	--	--
7.	23/02/2024	83.6	41.4	23.6	31.9	0.61	--	--	--	--	--	--	--
8.	24/02/2024	73.0	35.4	17.3	22.4	0.73	--	--	--	--	--	--	--
	Maximum	92.5	51.4	35.2	45.1	0.85	--	--	--	--	--	--	--
	Minimum	70.7	30.8	16.4	22.4	0.37	--	--	--	--	--	--	--
	Average	82.2	41.2	23.4	31.9	0.62	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY

C. K. J. J.
AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.

Analysis Summary Report for Ambient Air Quality Monitoring	Month: Feb - 24
--	-----------------

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.	
Location: Near MCB Plant	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
		Parameters Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	02/02/2024		68.4	29.2	24.1	30.3	0.53	18.2	10.3	BDL	BDL	BDL	BDL	
2.	03/02/2024		81.4	39.5	27.0	34.6	0.67	--	--	--	--	--	--	
3.	09/02/2024		84.6	43.8	30.2	38.1	0.94	--	--	--	--	--	--	
4.	10/02/2024		72.4	34.6	14.0	27.3	0.37	--	--	--	--	--	--	
5.	16/02/2024		86.9	47.1	24.7	32.3	0.52	--	--	--	--	--	--	
6.	17/02/2024		75.9	34.6	23.7	36.1	0.69	--	--	--	--	--	--	
7.	23/02/2024		65.4	28.7	18.3	27.6	0.84	--	--	--	--	--	--	
8.	24/02/2024		86.4	45.3	28.3	36.5	0.72	--	--	--	--	--	--	
	Maximum		86.9	47.1	30.2	38.1	0.94	--	--	--	--	--	--	
	Minimum		65.4	28.7	14.0	27.3	0.37	--	--	--	--	--	--	
	Average		77.6	37.8	23.7	32.8	0.66	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)			100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Patel P.A.
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Analysis Summary Report for Ambient Air Quality Monitoring **Month: Feb- 24**

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	02/02/2024	71.3	30.4	16.2	24.3	0.37	6.4	13.7	BDL	BDL	BDL	BDL	BDL
2.	03/02/2024	96.7	56.2	37.4	45.0	0.65	--	--	--	--	--	--	--
3.	09/02/2024	84.9	45.1	26.4	33.9	0.48	--	--	--	--	--	--	--
4.	10/02/2024	72.0	32.2	22.5	29.3	0.79	--	--	--	--	--	--	--
5.	16/02/2024	64.4	30.1	18.4	28.6	0.81	--	--	--	--	--	--	--
6.	17/02/2024	77.9	39.0	25.4	32.9	0.68	--	--	--	--	--	--	--
7.	23/02/2024	65.3	29.1	22.8	30.7	0.91	--	--	--	--	--	--	--
8.	24/02/2024	81.1	41.2	27.5	38.4	0.71	--	--	--	--	--	--	--
	Maximum	96.7	56.2	37.4	45.0	0.91	--	--	--	--	--	--	--
	Minimum	64.4	29.1	16.2	24.3	0.37	--	--	--	--	--	--	--
	Average	76.7	37.9	24.5	32.8	0.67	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

Patel P. A.,
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Analysis Summary Report for Ambient Air Quality Monitoring	Month: March- 24
--	------------------

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-1 (Way Bridge) Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
	Parameters Unit												
1.	01/03/2024	95.4	54.8	24.7	35.6	0.49	14.2	23.5	BDL	BDL	BDL	BDL	BDL
2.	02/03/2024	87.9	43.1	30.7	37.9	0.65	--	--	--	--	--	--	--
3.	08/03/2024	71.4	32.5	15.8	22.7	0.59	--	--	--	--	--	--	--
4.	09/03/2024	78.7	38.4	21.3	28.4	0.48	--	--	--	--	--	--	--
5.	15/03/2024	83.0	42.1	26.3	37.0	0.82	--	--	--	--	--	--	--
6.	16/03/2024	76.4	36.5	22.7	29.1	0.73	--	--	--	--	--	--	--
7.	22/03/2024	93.3	51.2	31.5	39.5	0.35	--	--	--	--	--	--	--
8.	23/03/2024	89.3	47.1	21.7	28.3	0.61	--	--	--	--	--	--	--
9.	29/03/2024	92.3	51.4	25.8	36.1	0.72	--	--	--	--	--	--	--
10.	30/03/2024	80.9	40.6	28.2	37.1	0.94	--	--	--	--	--	--	--
	Maximum	95.4	54.8	31.5	39.5	0.94	--	--	--	--	--	--	--
	Minimum	71.4	32.5	15.8	22.7	0.35	--	--	--	--	--	--	--
	Average	84.8	43.7	24.8	33.1	0.63	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Patel P.A.
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(Signature)
AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.



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Analysis Summary Report for Ambient Air Quality Monitoring **Month: March - 24**

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near MCB Plant **Duration of Sampling:** 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	NI ng/m ³
1.	01/03/2024	72.6	33.4	23.1	32.9	0.73	19.4	12.3	BDL	BDL	BDL	BDL	BDL
2.	02/03/2024	90.6	49.5	32.5	40.7	0.64	--	--	--	--	--	--	--
3.	08/03/2024	70.1	31.0	19.4	25.7	0.85	--	--	--	--	--	--	--
4.	09/03/2024	91.1	51.3	28.9	36.5	0.81	--	--	--	--	--	--	--
5.	15/03/2024	76.6	38.8	18.2	31.5	0.94	--	--	--	--	--	--	--
6.	16/03/2024	85.6	43.7	31.2	38.8	0.65	--	--	--	--	--	--	--
7.	22/03/2024	80.1	38.8	27.9	36.2	0.75	--	--	--	--	--	--	--
8.	23/03/2024	69.6	32.9	22.5	31.8	0.52	--	--	--	--	--	--	--
9.	29/03/2024	83.5	41.7	28.3	35.6	0.57	--	--	--	--	--	--	--
10.	30/03/2024	59.4	29.1	18.7	25.9	0.84	--	--	--	--	--	--	--
	Maximum	91.1	51.3	32.5	40.7	0.94	--	--	--	--	--	--	--
	Minimum	59.4	29.1	18.2	25.7	0.52	--	--	--	--	--	--	--
	Average	77.9	39.0	25.0	33.5	0.73	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.
2. Note: BDL-Below Detectable Limit.

Portel P. A.
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(Signature)
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Note: This report is subject to terms & conditions mentioned overleaf



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Analysis Summary Report for Ambient Air Quality Monitoring

Month: March- 24

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀ Unit µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	01/03/2024	74.5	33.6	14.2	23.9	0.53	7.3	15.8	BDL	BDL	BDL	BDL	BDL
2.	02/03/2024	88.1	48.3	24.8	33.6	0.54	--	--	--	--	--	--	--
3.	08/03/2024	75.2	35.4	21.7	29.5	0.64	--	--	--	--	--	--	--
4.	09/03/2024	70.2	29.4	16.7	23.7	0.48	--	--	--	--	--	--	--
5.	15/03/2024	84.3	45.1	23.9	32.8	0.76	--	--	--	--	--	--	--
6.	16/03/2024	81.1	42.2	28.6	36.1	0.81	--	--	--	--	--	--	--
7.	22/03/2024	73.6	35.2	15.4	22.9	0.62	--	--	--	--	--	--	--
8.	23/03/2024	68.5	32.3	18.2	25.3	0.46	--	--	--	--	--	--	--
9.	29/03/2024	84.0	42.4	26.2	28.3	0.84	--	--	--	--	--	--	--
10.	30/03/2024	77.2	38.0	20.8	25.7	0.57	--	--	--	--	--	--	--
	Maximum	88.1	48.3	28.6	36.1	0.84	--	--	--	--	--	--	--
	Minimum	68.5	29.4	14.2	22.9	0.46	--	--	--	--	--	--	--
	Average	77.6	38.1	21.0	28.1	0.62	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

3. Remark: - 1. Method Followed: IS- 5182.

2. Note: BDL-Below Detectable Limit.

P. P. A.
ANALYSED BY

AUTHORIZED SIGNATORY

Note: This report is subject to terms & conditions mentioned overleaf.

1. Method Followed: IS- 5182

2. Note: BDL-Below Detectable Limit.

•RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC •NABL ACCREDITED CALIBRATION LABORATORY

•QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR

•ISO 9001 : 2015 • ISO 14001 : 2015 •ISO 45001 : 2018



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, पाँचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलपुर

नवी मुंबई (महा.)- 400614

A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),

Mumbai - 400614

E-mail : jtccecmumbai@explosives.gov.in

Phone/Fax No : 022 - 27575946,27573881

संख्या /No. : P/HQ/GJ/15/576 (P10172)

दिनांक /Dated : 21/08/2019

सेवा में /To.

M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION),
Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad.,
GIDC Vapi,
Vapi,
Taluka: Vapi,
District: VALSAD,
State: Gujarat
PIN: 396195

विषय /Sub : Plot No, 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 में स्थित विद्यमान पेट्रोलियम वर्ग A,B अधिष्ठापन में पेट्रोलियम नियम 2002 के अंतर्गत प्ररूप XV में जारी अनुज्ञप्ति सं P/HQ/GJ/15/576 (P10172) के ट्रांसफर के संदर्भ में ।
Existing Petroleum Class A,B Installation at Plot No, 24. GIDC,, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 - Licence No. P/HQ/GJ/15/576 (P10172) granted in Form XV under Petroleum Rules, 2002 VAPI District of License Regardng.

महोदय /Sir
(s).

कृपया आपके आवेदन क्रमांक OIN341548 दिनांक 16/08/2019 का अवलोकन करें ।
Please refer to your application No.: OIN341548, dated 16/08/2019

दिनांक 31/12/2024 तक वैध अनुज्ञप्ति संख्या P/HQ/GJ/15/576 (P10172) दिनांक 21/08/2019 उपरोक्तानुसार आपके नाम विधिवत ट्रांसफर कर लौटाई जा रही हैं ।

Licence No. P/HQ/GJ/15/576 (P10172) dated 21/08/2019 valid upto 31/12/2024 is returned herewith duly transferred in your name as above.

कृपया पावती दें ।

Please acknowledge the receipt.

भवदीय /Yours faithfully.

((ए. के. श्रीवास्तव)
(A.K.Srivastava))
विस्फोटक नियंत्रक

Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

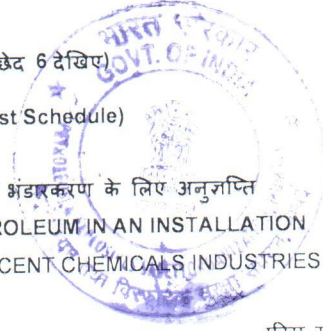
Copy forwarded to :-

1. The A.D.M. VALSAD , VALSAD(Gujarat) with reference to his NOC No DCB/PETM/NOC/SR.6187 Dated 08/06/1987
2. The Dy. Chief Controller of Explosives, Vadodara. A Copy of the licence along with approved plan is enclosed.
3. M/S NASCENT CHEMICALS INDUSTRIES LTD., 909, RAHEJA CENTRE, NARIMAN POINT, MUMBAI, MUMBAI., Maharashtra. 400021

For Jt. Chief Controller of Explosives
Mumbai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)



अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION
Issued in lieu of Old License in favour of M/S NASCENT CHEMICALS INDUSTRIES LTD.

अनुज्ञप्ति सं. (Licence No.): P/HQ/GJ/15/576(P10172)

फीस रूप (Fee Rs.) 13500/- per year

M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION), Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad., GIDC Vapi, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 160.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/GJ/15/576(P10172) तारीख 21/08/2019 जो कि इससे उपाबद्ध है, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION), Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad., GIDC Vapi, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 valid only for the importation and storage of 160.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/GJ/15/576(P10172) dated 21/08/2019 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2024 तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December 2024

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	120.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	40.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	160.00 KL

August 11, 1987


Chief Controller of Explosives

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टियां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित FOUR UNDERGROUND PETROLEUM CLASS A, ONE ABOVEGROUND PETROLEUM CLASS B STORAGE TANKS TOGETHER WITH CONNECTED FACILITIES. सम्मिलित हैं।

The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 and consists of FOUR UNDERGROUND PETROLEUM CLASS A, ONE ABOVEGROUND PETROLEUM CLASS B STORAGE TANKS TOGETHER WITH CONNECTED FACILITIES. together with connected facilities.



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

ईमेल/E-mail : dyccebaroda@explosives.gov.in

दूरभाष/Phone/Fax No : 0265 - 2225159

दि/Dated : 19/11/2019

सं/No : G/WC/GJ/06/842(G13992)

सेवा में/To,

M/s. AARTI INDUSTRIES LIMITED (Nascent Division),
PLOT NO.24, PHASE-1, G.I.D.C., VAPI,
City: Vapi,
Taluka: Vapi,
District: VALSAD
State: Gujarat
Pin : 396195

26 NOV 2019

विषय/Sub : Plot No: 24, VAPI GIDC, Village/Town: VAPI GIDC, District: VALSAD, State: Gujarat, Pin : 400021 - में सिलेंडरों में CHLORINE गैस का भंडारण- गैस सिलेंडर नियम, 2016 के फार्म एफ के अंतर्गत जारी अनुज्ञप्ति सं G/WC/GJ/06/842(G13992) - अनुज्ञप्ति अंतरण के बारे में/ Storage of CHLORINE gas in cylinders at Plot No: 24, VAPI GIDC, Village/Town: VAPI GIDC, District: VALSAD, State: Gujarat, Pin : 400021 - Licence No. G/WC/GJ/06/842(G13992) granted in Form F of Gas Cylinders Rules, 2016 - Transfer of Licence regarding.

महोदय/Sir
(s),

कृपया आपके दि. 07/10/2019 के आवेदन सं. NIL का संदर्भ ग्रहण करें/Please refer to your application No.NIL dated 07/10/2019 .

फार्म एफ में अनुज्ञप्ति सं.G/WC/GJ/06/842 आपके नाम विधिवत अंतरित कर इसके साथ भेजी जा रही है/ The licence number G/WC/GJ/06/842 in Form-F is sent herewith duly transferred in your name.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन इस कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2025 को या इससे पूर्व) जमा कर दें । दिनांक 30 सितम्बर 2025 के पश्चात परंतु दिनांक 30 सितम्बर 2026 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा । दिनांक 30 सितम्बर 2026 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी ।/ The licence is valid upto 30 Sep, 2025 . Please note that application for renewal of the licence shall be submitted so as to reach this office before the licence expires (i.e. on or before 30th Septemebr, 2025) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th Septemebr, 2025 but not later than 30th September, 2026 shall be considered only with late fee applicable vide Rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th Septemebr, 2026.

कृपया इस पत्र की प्राप्ति की पावती दें । /Please acknowledge the receipt of this letter.

भवदीय/Yours faithfully,

((संजय कुमार)
(Sanjay Kumar))
विस्फोटक नियंत्रक

Controller of Explosives
कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
वडोदरा/Vadodara

Copy forwarded to :-

1. M/S NASCENT CHEMICAL INDUSTRIES LTD, 909 RAHEJA CENTAR
NARIMAN POINT MUMBAI, PN. 24M GIDC INDUSTRIAL ESTATE VAPI VALS,
VALSAD, VAPI,, Gujarat, 400021

For Jt. Chief Controller of Explosives
Mumbai

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें ।]
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)



फार्म फ / FORM F

नियम 50,51 और 54 देखें / (See Rules 50, 51 and 54)

Licence to store compressed gas in cylinders

अनुज्ञप्ति संख्या/ Licence No. : G/WC/GJ/06/842(G13992)

वार्षिक शुल्क रु/ Fee: Rs. 4000/- per year

M/s. AARTI INDUSTRIES LIMITED (Nascent Division), PLOT NO.24, PHASE-1, G.I.D.C., VAPI, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या G/WC/GJ/06/842(G13992) dated 19/11/2019

में दर्शित किए गए अनुज्ञप्ति परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञप्ति की अन्य शर्तों के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलेण्डरों को रखने के लिए ही विधिमान्य अनुज्ञप्ति दी जाती है। /

Licence is hereby granted to M/s. AARTI INDUSTRIES LIMITED (Nascent Division), PLOT NO.24, PHASE-1, G.I.D.C., VAPI, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WC/GJ/06/842(G13992) dated 19/11/2019 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुज्ञप्ति 30 सितम्बर 2025 तक प्रवृत्त रहेगी । / The Licence shall remain in force till the 30th September 2025.

For Jt. Chief Controller-of Explosives
Mumbai

June 15, 1990

कृते संयुक्त मुख्य विस्फोटक नियंत्रक
नवी मुंबई (महाराष्ट्र)

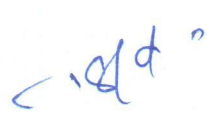
अनुज्ञप्ति परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुज्ञप्ति परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमोदित रेखांक सं G/WC/GJ/06/842 dated 19/11/2019 में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/WC/GJ/06/842 dated 19/11/2019 are situated at VAPI GIDC and consists of a storage shed for possession of the gas contained in cylinders as described here under:

गैस का प्रकार /Type of Gas	मात्रा /Quantity
a) विषैले/ Toxic	CHLORINE - 120 Nos.
b) गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	--NIL--
c) गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	--NIL--
d) घुलित एसिटिलीन गैस /Dissolved Acetylene Gas	--NIL--
e) एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f) एलपीजी/ Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या PlotNo : 24 गली का नाम गांव : VAPI GIDC या नगर पुलिस थाना : GIDC VAPI जिला : VALSAD, राज्या : Gujarat. / and is situated at PlotNo : 24 Village/Town : VAPI GIDC Police Station : GIDC VAPI District : VALSAD, State: Gujarat.

नवीकरण के पृष्ठांकन के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

	नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञप्ति प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
इस अनुज्ञप्ति को, विस्फोटक अधिनियम, 1884 या उसके अधीन बनाए गए गैस सिलेण्डर नियम, 2016 के उपबंधों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक नवीकृत किया जाएगा। / This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder	02/09/2015	30/09/2025	 S K Shukla DCCE For Jt. Chief Controller of Explosives Mumbai

गैस सिलेंडर नियम, 2016 के अधीन विषाक्त गैस कंटेनरों / सिलेंडर के भरण एवं भंडारण के लिए अतिरिक्त शर्तों/ADDITIONAL CONDITIONS FOR FILLING AND OR STORAGE OF TOXIC GASES CONTAINERS/CYLINDERS UNDER GAS CYLINDER RULES, 2016.

- परिसर में परिचालन स्विच के साथ एक प्रभावशाली अलार्म प्रणाली की व्यवस्था की जाएगी। आपात स्थिति में, परिसर में स्विच ऑपरेट करने पर नियंत्रण कक्ष में अलार्म सुना जा सकेगा।/An efficient alarm system with operating switch in the premises shall be provided. In case of emergency, the alarm can be heard in the control room by operating the switch in the premises.
- विषाक्त गैस के रिसाव की आपात स्थिति के लिए एक आपदा प्रबंधन योजना तैयार की जाएगी। योजना द्वारा संबंधित अधिकारी की जिम्मेदारी तय की जाएगी, जिन्होंने रिसाव की स्थिति में विषाक्त गैस उपकरणों को संचालित करने के विभिन्न पहलुओं के बारे में प्रशिक्षित किया जाएगा।/A Disaster Management Plan for operation in case of emergency of leakage of toxic gas shall be prepared. The plan shall fix responsibility on the concerned officers who shall be trained in the different aspects of handling toxic gas equipments in case of leakage.
- आपात स्थिति में उपयोग के लिए परिसर में या इसके पास एक या अधिक पर्याप्त दबाव के हायड्रंट पॉइंट्स उपलब्ध कराए जाएंगे।/One or more hydrant point(s) with adequate pressure shall be provided in or near the premises for use in emergency.
- परिसर में कम से कम दो आत्म निहित श्वास तंत्र (सेल्फ कंटेड ब्रीदिंग अपरेटस) और दो कनस्तर प्रकार के गैस मास्क सहज सुलभ स्थान में रखे जाएंगे।/At least two numbers self contained breathing apparatus and two Canister type Gas Masks shall be kept in the premises in a readily accessible location.
- परिसर में या इसके पास विषाक्त गैस के रिसाव का पता लगाने के लिए पोर्टेबल उपकरण उपलब्ध कराया जाएगा।/Portable devices for detection of toxic gas leakage shall be made available in or near the premises.
- हवा की दिशा निर्धारित करने के लिए उपयुक्त स्थान पर एक वातदिग्दर्शक-मुर्ग उपलब्ध कराया जाएगा जिससे विषाक्त गैस के रिसाव की स्थिति में श्रमिकों को हवा के विरुद्ध दिशा में स्थानांतरित किया जा सके।/A weathercock shall be provided at a suitable location for determining wind direction so that in case of leakage of toxic gas, the workers can move against wind direction.
- अनुज्ञसिधारी के पास विभिन्न उपकरण और औजार, जैसे सिलेंडर और टनरों के लिए वाल्वन हूड, सिलेंडर वाल्व रिसाव के लिए क्लैंप और टनरों के वाल्व के रिसाव के लिए चेन और योक असेंबलि सहित उपकरणों से मिलकर बनी आपातकालीन किट उपलब्ध होनी चाहिए।/Emergency kit consisting of various appliances and tools including valve hood assembly for cylinders and tonners, clamp for cylinder valve leaks and chain and yoke assembly for tonner valve leaks shall be available with the licensee.
- संयंत्र के बंद होने/ लॉक-अप के मामले में, परिसर में कोई विषाक्त गैस युक्त सिलेंडर नहीं रखा जाएगा।/In case of closure/cock-up of the filling plant, no cylinder containing toxic gas shall be retained in the premises.
- रिसाव के मामले में विषाक्त गैस के निष्प्रभावीकरण के लिए पर्याप्त सुविधाएं प्रदान की जाएगी।/Adequate facilities for neutralization of toxic gas shall be provided in case of leakage.
- विषाक्त गैस परिसर में उचित सिलेंडर लदान (लोडिंग)/माल उतराई (अनलोडिंग) और हथलाई (हैंडलिंग) की व्यवस्था की जाएगी।/Proper cylinder loading/unloading and handling arrangements shall be made in the toxic gas premises.

for Dy. Chief Controller of Explosives
Vadodara

कृते उप मुख्य विस्फोटक नियंत्रक
वडोदरा

कृते उप मुख्य विस्फोटक नियंत्रक
वडोदरा

Annexure-3



WE SERVE TO SAVE
REGIONAL FIRE OFFICER
GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT
E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No.RFO-SFPS/F.No- ૪૬ / NOC- Industries Factory

Date: - 29/01/2021

FORM B13
(See sub rule (1) of rule 23)

Fire Safety Certificate


Certified that **Aarti Industries Ltd [Nascent Division]** Plot No.24 , Phase-1 , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [Nascent Division]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:-24/12/2020 in the presence of Mr.Nimesh Naik, Unit Head and that the building/premises is fit for occupancy with effect from for a period of (From Date-29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.247, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 7 =17,500/- vide Chalan No.246, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**




D. H. Makhijani
Regional Fire Officer
Surat.

Actual Users

Passbook for Utilization of Hazardous & Other wastes as a Resource
or after pre-processing either for Co-processing or for any other use.
[Hazardous and other Wastes (M&TM) Rules, 2016]

Sr. No.

719



GPCB

GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan

Sector-10-A, Gandhinagar-382010

Phone : (079) 23232152 Fax : (079) 23232156

Website : www.gpcb.gov.in

Pass Book for Utilization of Hazardous & Other Wastes as a Resource or after Pre-processing either for Co-processing or for any other use
(for actual users)

Name and Address of the Industry with GPCB ID - 24819 : MIS WELSPUN INDIA LTD
SURVEY NO. 76, 76/P1, 78, 79, 80/P,
80, 80/1, 81, 82, 85 ETC VILL: MORAT
TA: PARDI DIST: VALSAD

Telephone/ Fax No. : 7636070099

E-mail Address : Manish_singh@welspun.com

Authorization No. : AWM-122762

Date of Issue : 03/08/2023

Validity Period : 03/08/2023 To 30/09/2027

(As per Authorization) :

Type of quantity of the Hazardous and Other Waste(s) permitted for procurement and Utilization: _____

Sr. No.	Hazardous and Other Wastes Type	Quantity (Tons Per Annum)
1	SPENT MCI (GENERATED FROM DYE & DYE INTERMEDIATE INDUSTRIES CHEMICAL MANUFACTURING INDUSTRIES AND TEXTILE INDUSTRIES) (CATEGORY: 26: 3, SCH-1 & (INORGANIC ACID MENTIONED) SR NO. 15 IN THE FOOT NOTE (7) OF SCH-II OF HOLLOW RULES 2016)	5355 MTPA [FIVE THOUSAND THREE HUNDRED FIFTY FIVE MTPA]



(Signature)
 (N. A. SHAH) 3/8/23

Unit Head, Hazardous Waste Cell
 Gujarat Pollution Control Board,
 Paryayaran Bhavan, Sector-10-A,
 Gandhinagar-382010



18TH AUGUST, 2022

TO,
AARTI INDUSTRIES LIMITED (NASCENT DIVISION)
PLOT NO. 24, PHASE-1,
GIDC ESTATE, VAPI-396195
TA-PARDI, DIST-VALSAD.

Sub: Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility developed by **BEIL INFRASTRUCTURE LIMITED** (Formerly known as Bharuch Enviro Infrastructure Ltd), at GIDC, Dahej. You have booked solid waste quantity of **25 MT/Year**. You have also paid your capacity commitment charges. Your Membership No. is **OTH/1034**.

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: 909238.973 MT**
- 4) **Spare Capacity: 990761.027 MT**

Thanking you,

Yours faithfully,

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

AUTHORISED SIGNATORY