

Ref.No: AIL/DHJ/SAF/ENV/2024-25/020

ID: 62935

Date: 13/11/2024

To,
Deputy Director General of Forests
Integrated Regional Office (IRO)
Ministry of Environment, Forest & Climate Change (MoEF&CC)
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 April-2024 to September-2024.

Reference:

1. Environment Clearance letter no SEIAA/GUJ/EC/5(f)/1360/2018 dated 14/12/2018
2. Environment Clearance letter no SEIAA/GUJ/EC/5(f)/922/2021 dated 22/06/2021
3. Environment Clearance Letter no SEIAA/GUJ/EC/5(f)/1457/2023 dated 21/11/2023
4. CTE Amendment No. 124234 dated 05/04/2023, Valid upto. 13/09/2029

Respected Sir,

With reference to the subject cited above, we are enclosing herewith the compliance report (monitoring period April-2024 to September-2024 as per condition number 100 as mentioned in environment clearance letter No.SEIAA/GUJ/EC/5(f)/1360/2018 dated 14/12/2018 for our project 'Synthetic Organic Chemicals' by M/s. Aarti Industries Limited Plot No. Z/111/B, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

Kindly refer to the Environment Clearance letter no SEIAA/GUJ/EC/5(f)/922/2021 dated 22/06/2021 & SEIAA/GUJ/EC/5(f)/1457/2023 dated 21/11/2023, we have currently, the Unit has not started project implementation activity (construction activity) which are mentioned in the environmental clearance. We would submit the detailed condition wise EC Compliance report once the project implementation activities are started (i.e. Construction activities).

The unit has acquired adjacent plot no. Z/111/C & D and obtained CTE Amendment No. 124234 dated 05/04/2023 for Inorganic product Calcium Chloride (CaCl₂)(Solid) and the same has been attached as Annexure-1(A).

Thanking You

Yours faithfully,
For Aarti Industries Limited


Authorized Signatory



Encl: EC Compliance with Annexures.

Copy To:

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

www.aarti-industries.com | CIN : L24110GJ1984PLC007301

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

Factory : Plot No. Z/111/B, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130. INDIA.

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

T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

Compliance report of Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/1360/2018

Dated .14/12/2018.

April-24 to September-24.

The proposal is for Environmental Clearance to M/s. Aarti Industries Limited (Unit-III) for setting up of Synthetic Organic Chemicals manufacturing plant at Plot No. Z/111/B, GIDC Estate, SEZ-II, Dahej, Ta.:Vagra, Dist. Bharuch. It is a proposed unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

Sr. No.	Name of the Products	CAS No. / CI No.	Quantity (MT/Month)	End-use of products	Compliance Status						Remarks
					Month	Aryl - Dianhydride	Aryl - Phthalimide	Dimethyl Phthalate	Di Octyl Phthalate	Aryl Bisimide	
1	Aryl - Dianhydride	38103-06-09	1350	Used in manufacturing of Polymers							CCA copy is attached as Annexure-A
2	Aryl - Phthalimide	550-44-7	920	Used in manufacturing of Polymers	Apr-24	0	0	0	0	0	
3	Dimethyl Phthalate	13-11-3	1000	Used in paints, lacquers, inks, adhesives, and sealant	May-24	0	0	0	0	0	
					Jun-24	221	96.75	0	0	0	
					Jul-24	523	324	0	0	0	
					Aug-24	515.00	325.5	0	0	0	
					Sep-24	532	308.25	0	0	0	
4	Di Octyl Phthalate	117-84-0	1000	Used in paints, lacquers, inks, adhesives, and sealant	The production is within the consented quantity.						
Total			4270		2845.50 MT						

Note:


Unit has obtained CC&A AWH-118267 dated 01.07.2022 & H-126209 dated 20.11.2023, valid up to 04.03.2025 for required amendment as per market demand for this product list. Unit has EC No.SEIAA/GUJ/EC/5(f)/360/2018 Dated 14/12/2018.

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

Sr. No.	Points	Compliance						
CONDITIONS								
A.1 SPECIFIC CONDITIONS								
1	Leak detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines.	<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 - Piping; (viii) Connector - Piping; (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="808 1522 1528 1885"> <thead> <tr> <th data-bbox="808 1522 1047 1612">Components</th> <th data-bbox="1047 1522 1312 1612">Frequency of monitoring</th> <th data-bbox="1312 1522 1528 1612">Repair Schedule</th> </tr> </thead> <tbody> <tr> <td data-bbox="808 1612 1047 1885"></td> <td data-bbox="1047 1612 1312 1885">Quarterly (semiannual after two consecutive periods with < 2percent leaks and annual after 5 periods with 2percent leaks)</td> <td data-bbox="1312 1612 1528 1885">Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general</td> </tr> </tbody> </table>	Components	Frequency of monitoring	Repair Schedule		Quarterly (semiannual after two consecutive periods with < 2percent leaks and annual after 5 periods with 2percent leaks)	Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general
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**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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	Pump Seals	Quarterly	hydrocarbons. In the case of benzene, the leak shall be attended immediately for repair.
	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	-
<p>4. 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.</p> <p>5. The percentage leaking components should not be more than 2percent for any group of components, monitored excluding pumps/compressors. In case of pumps/compressors, it should be less than 10percent of the total number of pumps/compressors or three pumps and compressors, whichever is greater.</p> <p>6. Pressure relief and blowdown systems should discharge to a vapor collection and recovery system or to flare.</p> <p>7. Open-ended lines should be closed by a blind flange or purged.</p> <p>8. Complete closed-loop should be used in all routine samples.</p> <p>9. Low emission packing should be used for valves.</p>			

		<p>10. High integrity sealing materials should be used for flanges.</p> <p>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.</p>  <p>TEA Analyzer installed at the Ground Floor in DFG Plant Area.</p> <p>Please find attached plant layout for devices attached as Annexure-1</p>																
2	<p>Close loop solvent recovery system with an adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall not be less than 98 percent and recovered solvent shall be reused in the process within premises.</p>	<p>Complied.</p> <p>Unit has set up a Close loop solvent recovery system along with an extraction column and with help of right chemistry with correct plant design, the unit is reusing 98percent recovered solvent for further process within premises.</p> <table border="1" data-bbox="808 1413 1567 1881"> <thead> <tr> <th colspan="4">Close loop Solvent Recovery System(Toluene)</th> </tr> <tr> <th></th> <th>Volume</th> <th>Unit</th> <th>Solvent recovery in percent</th> </tr> </thead> <tbody> <tr> <td>Feed rate to extraction column</td> <td>7600</td> <td>kg/hr</td> <td>-</td> </tr> <tr> <td>Recovery from the stripper column</td> <td>7448</td> <td>kg/hr solvent</td> <td>98percent</td> </tr> </tbody> </table>	Close loop Solvent Recovery System(Toluene)					Volume	Unit	Solvent recovery in percent	Feed rate to extraction column	7600	kg/hr	-	Recovery from the stripper column	7448	kg/hr solvent	98percent
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M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.

		<p>As shown in table, in the extraction stripper column required total feeding of solvent as per feed rate 7600 kg/hr, after distillation process we are getting recovery from stripper 7448 kg/hr (98percent). This is a continuous process.</p> <p>Process description for solvent recovery In the Process</p> <p>The aqueous reactor phase is contacted with recycled sol-1 in the extraction column, which removes unreacted RM, byproduct from the aqueous phase. Organic phase from the extraction column top is then directed to organic isolation for recovery. In this section sol-1 and by-product separate out in a flash vessel followed by a Splitter column, where sol-1 is recycled back to the extraction column, and aqueous phase from the bottom of the extraction column is then directed to aqueous isolation for recovery. In this section sol-2 and final product separate out in a flash vessel followed by thin film evaporator, where sol-2 is recycled back to the reactor for reaction.</p> <p style="text-align: center;">PFD for the solvent Recovery</p>
<p>3</p>	<p>Unit shall provide a Continuous Emission Monitoring System (CEMS) for Process gas as well as wastewater discharge and an arrangement shall also be done for reflecting the online monitoring results on the company’s server, which can be accessible by the GPCB on a real time basis.</p>	<p>Complied..</p> <ul style="list-style-type: none"> Unit has installed a Continuous Emission Monitoring System (CEMS) for wastewater discharge and an arrangement is done to reflect the online monitoring results on the company’s server, which is accessible by the CPCB on a real time basis. <p>Photograph of TOC Meter has been attached as below,</p>

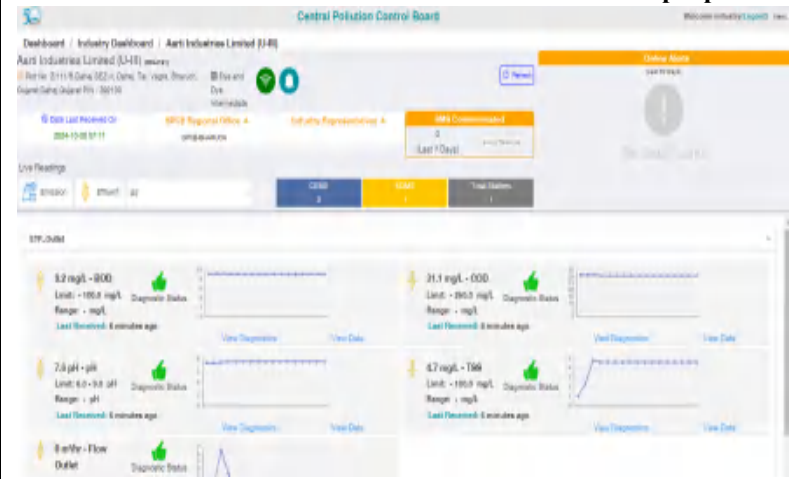
M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.



Photo of TOC meter

- As per CPCB guidelines and due to less capacity of boiler (3 TPH) and fuel as natural gas, the unit has not installed OCEMS (Online continuous emissions monitoring system) for process gas monitoring.

Photo of OCEMS data from CPCB website for reference purpose



4

All measures shall be taken to prevent soil and groundwater contamination.

Complied..

Unit has taken all necessary precautions to eliminate soil & water contamination, all process areas have been provided with proper

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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flooring and catchment pit so that any spills will be collected, transferred and properly treated.

Following measures have been taken to prevent soil and groundwater contamination :

- Pucca flooring is provided inside plant, raw material/product storage area
- Concrete/ Bituminous roads are provided.
- Bunding/dyke to chemical storage areas with collection and transferring facilities.
- Closed loop transfer system provided for effluent, raw materials, products and other chemicals.
- Separate Storm Water and process drains facility
- Checklist for leakage monitoring & compliance,
- Adequate effluent treatment facility,
- Dedicated waste storage area

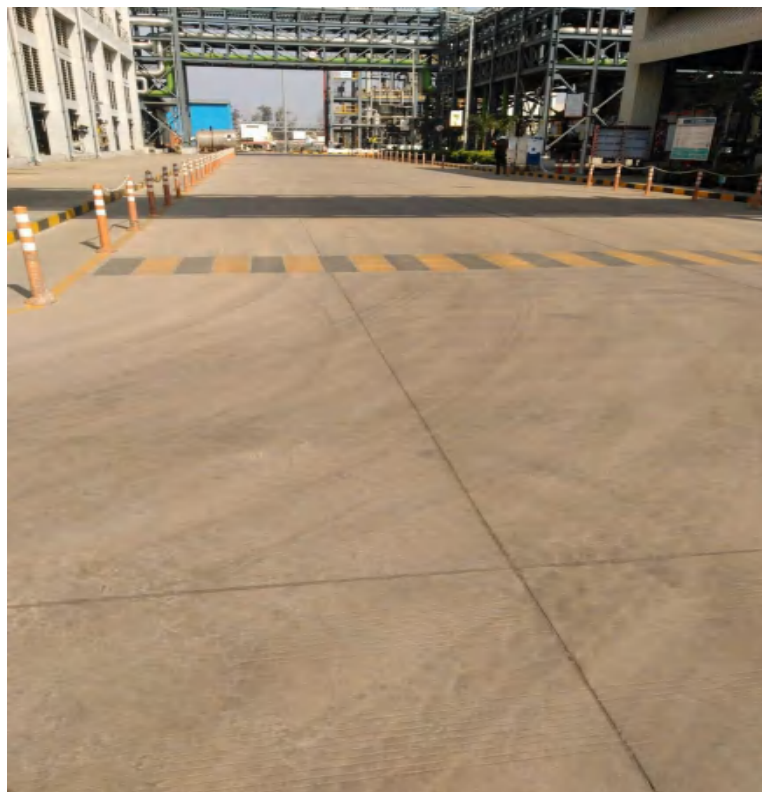
Bund/ Dyke Wall provided around the chemical storage area to prevent soil & groundwater contamination.

The Unit is located in the GIDC SEZ area and Groundwater digging is not permitted.



Close loop effluent transfer system for effluent collection

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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Pucca flooring for plant area





Dedicated waste storage area

Soil Report attached for reference as [Annexure -2](#)

A.2 WATER

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

5	<p>Total water requirement for the project shall not exceed 972 KLD. Unit shall reuse 95 KLD of wastewater (25 KLD of treated sewage for gardening & 70 KLD of RO permeate for cooling purpose) and hence, fresh water requirement shall not exceed 887 KLD and it shall be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.</p>	<p>Complied..</p> <p>The Unit has obtained permission from GIDC as letter vide no: GIDC/DEE(WS)/BRH/120 for withdrawal of water attached as Annexure-3.</p> <p>The data of the last six months of water consumption as per GIDC bill is given in the following table.</p> <table border="1" data-bbox="808 510 1560 936"> <thead> <tr> <th>Particular</th> <th>Unit</th> <th>April-24</th> <th>May-24</th> <th>June-24</th> <th>July-24</th> <th>Aug-24</th> <th>Sep-24</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Fresh water consumption</td> <td>Total KL/Month</td> <td>715</td> <td>3502</td> <td>8206</td> <td>9043</td> <td>9791</td> <td>12103</td> </tr> <tr> <td>Average KLD</td> <td>23.833</td> <td>112.968</td> <td>273.533</td> <td>291.710</td> <td>315.839</td> <td>403.433</td> </tr> <tr> <td>Permissible limit (KLD)</td> <td colspan="7" style="text-align: center;">844 KLD</td> </tr> <tr> <td rowspan="2">Recycled water consumption</td> <td>Total KL/Month</td> <td>0</td> <td>398</td> <td>551</td> <td>1023</td> <td>719</td> <td>802</td> </tr> <tr> <td>Average KLD</td> <td>0.000</td> <td>12.839</td> <td>18.367</td> <td>33.000</td> <td>23.194</td> <td>26.733</td> </tr> </tbody> </table> <p>The water consumption is within the consented quantity.</p> <div style="display: flex; justify-content: space-around;">   </div>	Particular	Unit	April-24	May-24	June-24	July-24	Aug-24	Sep-24	Fresh water consumption	Total KL/Month	715	3502	8206	9043	9791	12103	Average KLD	23.833	112.968	273.533	291.710	315.839	403.433	Permissible limit (KLD)	844 KLD							Recycled water consumption	Total KL/Month	0	398	551	1023	719	802	Average KLD	0.000	12.839	18.367	33.000	23.194	26.733
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6	<p>No ground water shall be tapped for the project requirements.</p>	<p>Complied.</p> <p>The site has also not installed any borewell.</p>																																														
7	<p>The industrial effluent generation from the project shall not exceed 191 KLD.</p>	<p>Complied.</p> <p>The unit has ensured that effluent generation has not exceeded 191 KLD.</p> <table border="1" data-bbox="808 1797 1507 1892" style="width: 100%; text-align: center;"> <thead> <tr> <th style="width: 30%;">Month</th> <th>Industrial Effluent generation</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Month	Industrial Effluent generation																																												
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8	<p>Wastewater from the utility section, DM plant and washing section shall be subjected to RO system (Cap. 135 KLD) and RO reject stream shall be sent to ETP.</p>	<p>Complied.. The unit has established an ETP of Capacity 125 KLD to treat wastewater generated from the utility section.</p> <p>The unit is ensuring that wastewater from the utility section, DM plant and washing section is subjected to RO system (Cap. 135 KLD) and RO reject stream is sent to ETP.</p> <table border="1"> <thead> <tr> <th colspan="3">Utility Wastewater Generation Data</th> </tr> <tr> <th rowspan="2">Month</th> <th>KL/Month</th> <th>Average KL/D</th> </tr> </thead> <tbody> <tr> <td align="center">-</td> <td align="center">Limit: 132 KL/D</td> <td></td> </tr> <tr> <td>April-24</td> <td align="center">43</td> <td align="center">1.433</td> </tr> <tr> <td>May-24</td> <td align="center">786</td> <td align="center">25.355</td> </tr> <tr> <td>June-24</td> <td align="center">1483</td> <td align="center">71.367</td> </tr> <tr> <td>July-24</td> <td align="center">1718</td> <td align="center">82.581</td> </tr> <tr> <td>August-24</td> <td align="center">1466</td> <td align="center">68.871</td> </tr> <tr> <td>September-24</td> <td align="center">1304</td> <td align="center">66.000</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">RO Permeate generation data</th> </tr> <tr> <th rowspan="2">Month</th> <th>KL/Month</th> <th>KLD</th> </tr> </thead> <tbody> <tr> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>April-24</td> <td align="center">0</td> <td align="center">0</td> </tr> <tr> <td>May-24</td> <td align="center">398</td> <td align="center">12.84</td> </tr> <tr> <td>June-24</td> <td align="center">551</td> <td align="center">18.37</td> </tr> </tbody> </table>	Utility Wastewater Generation Data			Month	KL/Month	Average KL/D	-	Limit: 132 KL/D		April-24	43	1.433	May-24	786	25.355	June-24	1483	71.367	July-24	1718	82.581	August-24	1466	68.871	September-24	1304	66.000	RO Permeate generation data			Month	KL/Month	KLD	-	-	-	April-24	0	0	May-24	398	12.84	June-24	551	18.37
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9	RO permeate shall be reused for industrial purpose.	<p>Complied.</p> <p>RO permeate is reused in cooling towers for industrial purposes against freshwater consumption.</p> <table border="1"> <thead> <tr> <th colspan="2">RO Permeate generation data</th> </tr> <tr> <th>Month</th> <th>KL/Month</th> </tr> </thead> <tbody> <tr> <td>April-24</td> <td align="center">0</td> </tr> <tr> <td>May-24</td> <td align="center">398</td> </tr> <tr> <td>June-24</td> <td align="center">551</td> </tr> <tr> <td>July-24</td> <td align="center">1023</td> </tr> <tr> <td>August-24</td> <td align="center">719</td> </tr> <tr> <td>September-24</td> <td align="center">802</td> </tr> </tbody> </table>	RO Permeate generation data		Month	KL/Month	April-24	0	May-24	398	June-24	551	July-24	1023	August-24	719	September-24	802										
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10	Wastewater generated from the process (59 KLD) & RO reject (62 KLD) stream shall be treated in ETP (Cap. 125 KLD) comprising primary, secondary and Tertiary treatment.	<p>Complied.</p> <p>Unit has Complied. with the same to treat the process wastewater (59 KLD) and RO reject (62 KLD) in ETP comprising primary, secondary and tertiary treatment.</p> <table border="1"> <thead> <tr> <th colspan="3">Cumulative Effluent generation</th> </tr> <tr> <th rowspan="2">Month</th> <th colspan="2">Total KL/Month</th> </tr> <tr> <th>Effluent Generation</th> <th>Discharge</th> </tr> </thead> <tbody> <tr> <td>April-24</td> <td align="center">43</td> <td align="center">0</td> </tr> <tr> <td>May-24</td> <td align="center">786</td> <td align="center">365</td> </tr> <tr> <td>June-24</td> <td align="center">2141</td> <td align="center">783</td> </tr> <tr> <td>July-24</td> <td align="center">2560</td> <td align="center">1058</td> </tr> <tr> <td>August-24</td> <td align="center">2135</td> <td align="center">862</td> </tr> <tr> <td>September-24</td> <td align="center">1980</td> <td align="center">797</td> </tr> </tbody> </table>	Cumulative Effluent generation			Month	Total KL/Month		Effluent Generation	Discharge	April-24	43	0	May-24	786	365	June-24	2141	783	July-24	2560	1058	August-24	2135	862	September-24	1980	797
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	<p>DETAIL OF EFFLUENT TREATMENT PLANT (125 KLD):-</p> <p>We have installed an ETP consisting of primary, secondary & tertiary treatment. Treated water is being discharged to the GIDC drainage line.</p> <p>1. PRE & PRIMARY TREATMENT</p> <ul style="list-style-type: none">a) Screening: This is the first unit of the plant in which large or floating materials in the effluent gets arrested and blockage or choking of the downstream equipment can be avoided. This arrested material is removed manually and then will be disposed off suitably.b) Oil & Grease trap: effluent contains oil & grease. This oil & grease if not removed then creates the problem of scum accumulation and affects the functioning of microbes in aeration tanks. To avoid this, an oil & Grease chamber is provided after the bar screen, where oil & grease is arrested prior to entry into the plant. Accumulated oil removed and disposed of properly.c) Equalization : To absorb variation in quantity and quality of effluent and to provide uniform flow at the downstream treatment process, a collection or equalization tank is provided. This will avoid shock loading and process upsets of the treatment plant.d) Neutralization: Neutralization system is provided to neutralize the effluent using lime slurry.e) Flash Mixer, Flocculator & Tube settler - Installed as part of primary treatment to remove suspended solid.f) De-watering system (Filter Press)- Bottom of primary & secondary tube settler is passed through filter press. The generated sludge was disposed of at the TSDF site. <p>2. SECONDARY TREATMENT</p> <p>ASP – ACTIVATED SLUDGE PROCESS (AERATION) :</p> <p>This is the main section of the plant where degradation of organic pollutants with the help of aerobic microorganism takes place. In aeration tank activated biomass is developed in such a way that certain MLSS is maintained for continuous effluent flow which comes to the aeration basin. Effluent is degraded in given retention time and activated sludge is further passed to tube settler and recycled as per requirement. The sludge, which is not required after recirculation, is sent to the filter press. The air supply arrangement is provided for maintaining proper DO.</p> <p>3. TERTIARY TREATMENT</p> <p>Secondary treated water passed through the sand media filter followed by an activated carbon filter. Filtered water will be collected in the</p>
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**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

		<p>treated water tank from where it will be sent to the GIDC drainage line for disposal.</p> <p>Details of equipment are mentioned in the Point No. 12.</p>																									
11	<p>Total 121 KLD of treated wastewater shall be discharged through GIDC underground drainage system after conforming GPCB norms.</p>	<p>Complied..</p> <p>Unit has ensured to discharge treated effluent after confirming GPCB norms. Unit has installed an ETP of Capacity 125 KLD. After treatment in ETP, the water is discharged into the GIDC drain.</p> <p>GIDC Discharge permission letter Annexure-4.</p> <table border="1" data-bbox="792 625 1507 1199"> <thead> <tr> <th rowspan="3">Month</th> <th colspan="2">Industrial Treated Effluent discharge</th> </tr> <tr> <th>Total KL/Month</th> <th>Average KL/Day</th> </tr> <tr> <th align="center">—</th> <th align="center">Limit: 121 KLD</th> </tr> </thead> <tbody> <tr> <td>April-24</td> <td align="center">0</td> <td align="center">0</td> </tr> <tr> <td>May-24</td> <td align="center">365</td> <td align="center">11.774</td> </tr> <tr> <td>June-24</td> <td align="center">783</td> <td align="center">26.1</td> </tr> <tr> <td>July-24</td> <td align="center">1058</td> <td align="center">34.129</td> </tr> <tr> <td>August-24</td> <td align="center">862</td> <td align="center">27.806</td> </tr> <tr> <td>September-24</td> <td align="center">797</td> <td align="center">26.567</td> </tr> </tbody> </table> <p>Treated effluent discharge is within permissible limit.</p>	Month	Industrial Treated Effluent discharge		Total KL/Month	Average KL/Day	—	Limit: 121 KLD	April-24	0	0	May-24	365	11.774	June-24	783	26.1	July-24	1058	34.129	August-24	862	27.806	September-24	797	26.567
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12	<p>The unit shall provide an adequate effluent treatment plant (ETP) & RO system for treatment of industrial effluent and it shall be operated regularly and efficiently so as to achieve the GPCB/ CPCB/MoEF&CC norms.</p>	<p>Complied.</p> <p>The unit provided an adequate effluent treatment plant (ETP-125 KLD) & (RO-135 KLD) system for treatment of industrial effluent and it shall be operated regularly and efficiently so as to achieve the GPCB/ CPCB/MoEF&CC norms.</p>																									

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**



Effluent Treatment Plant capacity: 125 KLD



RO system capacity -135KLD

Equipment list and ETP PFD attached as [Annexure-5](#)

ETP Equipment checklist				
Sr.no.	Name of equipment	Capacity, KL	MOC	Quantity
1	Screen Chamber	1.76	RCC	1
2	Oil & Grease trap	2.91	RCC	1
3	Collection Tank	136	PP-FRP	1
4	Neutralization Tank	3	MS-FRP	1

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		<table border="1"> <tr><td>5</td><td>Flash Mixer Tank</td><td>1.5</td><td>MS-FRP</td><td>1</td></tr> <tr><td>6</td><td>Flocculator Tank</td><td>3</td><td>MS-FRP</td><td>1</td></tr> <tr><td>7</td><td>Primary Tube Settler</td><td>24</td><td>MS-FRP</td><td>1</td></tr> <tr><td>8</td><td>Aeration Tank</td><td>66.47</td><td>MS-FRP</td><td>4</td></tr> <tr><td>9</td><td>Sludge Holding Tank</td><td>14.73</td><td>MS-FRP</td><td>1</td></tr> <tr><td>10</td><td>Secondary Tube Settler</td><td>24</td><td>MS-FRP</td><td>1</td></tr> <tr><td>11</td><td>Intermediate Storage Tank</td><td>10.8</td><td>MS-FRP</td><td>1</td></tr> <tr><td>12</td><td>Treated Water Tank</td><td>10.8</td><td>MS-FRP</td><td>1</td></tr> </table>	5	Flash Mixer Tank	1.5	MS-FRP	1	6	Flocculator Tank	3	MS-FRP	1	7	Primary Tube Settler	24	MS-FRP	1	8	Aeration Tank	66.47	MS-FRP	4	9	Sludge Holding Tank	14.73	MS-FRP	1	10	Secondary Tube Settler	24	MS-FRP	1	11	Intermediate Storage Tank	10.8	MS-FRP	1	12	Treated Water Tank	10.8	MS-FRP	1
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13	<p>The domestic wastewater generation shall not exceed 47 KL/Day for proposed project and it shall be treated in STP. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.</p>	<p>Complied. Unit has ensured that domestic wastewater generation has not exceeded 47 KL/Day and has ensured to treat the same in STP. The treated water is ensured to be used for gardening purposes.</p> <table border="1"> <thead> <tr><th colspan="3">Domestic waste water generation</th></tr> <tr> <th>Month</th> <th>Total KL/Month</th> <th>Average KL/ Day</th> </tr> </thead> <tbody> <tr> <td></td> <td align="center">-</td> <td align="center">Limit- 47 KLD</td> </tr> <tr><td>April-24</td><td align="center">240</td><td align="center">8</td></tr> <tr><td>May-24</td><td align="center">258</td><td align="center">8.32</td></tr> <tr><td>June-24</td><td align="center">369</td><td align="center">12.3</td></tr> <tr><td>July-24</td><td align="center">370</td><td align="center">11.94</td></tr> <tr><td>August-24</td><td align="center">521</td><td align="center">16.81</td></tr> <tr><td>September-24</td><td align="center">562</td><td align="center">18.73</td></tr> </tbody> </table> <p>Domestic waste water generation is within permissible limits.</p> <p align="center"><u>Unistar NABL Certification No.: TC-7753</u></p> <table border="1"> <thead> <tr><th colspan="4">Domestic Treated Water Parameters</th></tr> <tr> <th>Month</th> <th>BOD</th> <th>TSS</th> <th>Residual Chlorine</th> </tr> </thead> <tbody> <tr> <td>Limit</td> <td align="center">20 mg/L</td> <td align="center">30 mg/L</td> <td align="center">0.5 mg/L Min.</td> </tr> </tbody> </table>	Domestic waste water generation			Month	Total KL/Month	Average KL/ Day		-	Limit- 47 KLD	April-24	240	8	May-24	258	8.32	June-24	369	12.3	July-24	370	11.94	August-24	521	16.81	September-24	562	18.73	Domestic Treated Water Parameters				Month	BOD	TSS	Residual Chlorine	Limit	20 mg/L	30 mg/L	0.5 mg/L Min.	
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**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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14	<p>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 wastewater outside the premises in any case.</p>	<p>Complied.</p> <p>Unit has adequate storage tank to collect treated domestic water during the monsoon. Further we ensure you that we will not discharge sewage outside the premises in any case..</p>																								
15	<p>Unit shall provide a buffer water storage tank of adequate capacity for storage of treated wastewater during rainy days.</p>	<p>Complied.</p> <p>Unit has provided a buffer water storage tank for the storage of treated wastewater during rainy days.</p> <p>Unit having buffer tank having capacity 100 KL to store treated wastewater which is being reused for industrial purpose.</p>																								
16	<p>The unit shall provide metering facility at the inlet and outlet of the ETP, RO & MEE system and maintain records for the same.</p>	<p>Complied..</p> <p>Unit has provided a magnetic flow meter at the inlet & outlet of ETP & RO.</p> <div data-bbox="862 1171 1430 1728" data-label="Image"> </div> <p align="center"><u>Flow Meter at the ETP Inlet</u></p>																								

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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Flow Meter at the ETP Outlet (GIDC Discharge)




Flow Meter at RO Inlet (CT Blowdown)

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

		<p align="center"><u>Unistar NABL Certification No.: TC-7753</u></p> <table border="1" data-bbox="795 342 1563 800"> <thead> <tr> <th colspan="8">Stack Monitoring</th> </tr> <tr> <th>Location</th> <th>Parameter</th> <th>Apr-24</th> <th>May-24</th> <th>Jun-24</th> <th>July-24</th> <th>Aug-24</th> <th>Sep-24</th> </tr> </thead> <tbody> <tr> <td rowspan="3">D.G Set 1</td> <td>PM (150 mg/Nm3)</td> <td>--</td> <td>--</td> <td>80</td> <td>74</td> <td>72</td> <td>68</td> </tr> <tr> <td>SO2 (100 ppm)</td> <td>--</td> <td>--</td> <td>18</td> <td>23</td> <td>20</td> <td>17</td> </tr> <tr> <td>NOx (50 ppm)</td> <td>--</td> <td>--</td> <td>34</td> <td>32</td> <td>35</td> <td>32</td> </tr> <tr> <td rowspan="3">D.G Set 2</td> <td>PM (150 mg/Nm3)</td> <td>--</td> <td>--</td> <td>76</td> <td>70</td> <td>75</td> <td>72</td> </tr> <tr> <td>SO2 (100 ppm)</td> <td>--</td> <td>--</td> <td>21</td> <td>21</td> <td>23</td> <td>21</td> </tr> <tr> <td>NOx (50 ppm)</td> <td>--</td> <td>--</td> <td>35</td> <td>34</td> <td>37</td> <td>35</td> </tr> </tbody> </table> <p>*DG Set Monitoring was not carried out for the month of April 24 & May '24 due to the plant under shutdown condition. All DG Set parameters are under the permissible limit.</p>	Stack Monitoring								Location	Parameter	Apr-24	May-24	Jun-24	July-24	Aug-24	Sep-24	D.G Set 1	PM (150 mg/Nm3)	--	--	80	74	72	68	SO2 (100 ppm)	--	--	18	23	20	17	NOx (50 ppm)	--	--	34	32	35	32	D.G Set 2	PM (150 mg/Nm3)	--	--	76	70	75	72	SO2 (100 ppm)	--	--	21	21	23	21	NOx (50 ppm)	--	--	35	34	37	35
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20	Unit shall provide Water Scrubber followed by Carbon adsorption tower as APCM with Storage tanks, Vessels & Vacuum Pumps to Control VOCs.	<p>Complied. Unit has erected a scrubber followed by a carbon adsorption tower as APCM.</p> <ul style="list-style-type: none"> • Scrubber stack height 11 mtr. <p align="center"><u>Unistar NABL Certification No.: TC-7753</u></p> <table border="1" data-bbox="795 1230 1563 1646"> <thead> <tr> <th colspan="8">Stack Monitoring</th> </tr> <tr> <th>Stack</th> <th>Parameter</th> <th>Apr-24</th> <th>May 24</th> <th>June 24</th> <th>July 24</th> <th>Aug-24</th> <th>Sep-24</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Process Stack (Storage Tank)</td> <td rowspan="2">VOC</td> <td>Plant under shutdown</td> <td>Plant under shutdown</td> <td>BDL (MDL:01)</td> <td>BDL (MDL:01)</td> <td>BDL (MDL:01)</td> <td>BDL (MDL:01)</td> </tr> <tr> <td>Vessels & Vacuum Pumps</td> <td>Not in Operation</td> <td>Not in Operation</td> <td>Not in Operation</td> <td>Not in Operation</td> <td>Not in Operation</td> <td>Not in Operation</td> </tr> </tbody> </table> <p>Process Stack Monitoring was carried out for the period of Apr-24 to Sep-24. All values are under the permissible limit. Reports are attached at Point No. 22</p>	Stack Monitoring								Stack	Parameter	Apr-24	May 24	June 24	July 24	Aug-24	Sep-24	Process Stack (Storage Tank)	VOC	Plant under shutdown	Plant under shutdown	BDL (MDL:01)	BDL (MDL:01)	BDL (MDL:01)	BDL (MDL:01)	Vessels & Vacuum Pumps	Not in Operation	Not in Operation	Not in Operation	Not in Operation	Not in Operation	Not in Operation																													
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21	There shall be no process gas emission from the proposed project.	<p>Complied..</p>																																																												

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		<p>No process gas emissions are generated from the proposed project. We check the emission levels regularly to ensure the same.</p>
<p>22</p>	<p>Measures shall be taken to reduce the process vapor emissions as far as possible.</p>	<p>Complied. Unit is monitoring the VOC and other fugitive emissions by third party monitoring. For VOC and other fugitive emissions, the unit has installed a scrubber which is followed by a Carbon Adsorption system. Also our process is in a closed loop that controls the undesired emissions.</p> <p>Fugitive emissions report attached as Annexure-7.</p> 
<p>23</p>	<p>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).</p>	<p>Complied.. Unit has followed guidelines laid by DISH to reduce the fugitive emissions in the work zone.</p>

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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Following indicative guidelines shall also be followed to reduce the fugitive emission.

Internal roads shall be either concrete or asphalt 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 round the plant boundary and also the roads to mitigate fugitive & transport dust emission.

Workplace monitoring report for fugitive emissions attached as [Annexure-8](#).

Internal roads are concreted. Photograph attached as [Annexure-8](#)

Water sprinklers are provided to control air borne dust at suitable locations in the plant.


Green belt is developed around the roads and the periphery of the site to mitigate fugitive & transport dust emission.



Greenbelt area developed around the roads & periphery

We have also adopted the area just outside our premises and developed an additional greenbelt opposite to M/s. Tatva Chintan.

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		The SEZ allotment Letter for Green Belt is attached as Annexure-8 . The plantation work is under progress in this area.																																						
24	Closed handling and charging system shall be provided for chemicals.	Complied.. Unit has provided a closed handling system for hazardous chemicals. Plant is operated under the DCS to add enhanced control and safety with close loop charging of chemicals.																																						
25	Pumps shall be provided with mechanical seals to prevent leakages.	Complied.. Unit has provided pumps with mechanical seals to prevent leakages. Photograph attached as Annexure -11 .																																						
26	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx and VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	<p>Complied.. Ambient air monitoring stations have been installed at 03 locations at the site covering upwind and downwind directions as per the GPCB guidelines. Unit has ensured to monitor the prescribed parameters and maintain the records.</p>  <p>The ambient air monitoring report is attached in Annexure-12</p> <p align="center"><u>Unistar NABL Certification No.: TC-7753</u></p> <table border="1"> <thead> <tr> <th colspan="8">AAQMS Monitoring</th> </tr> <tr> <th>Locati on</th> <th>Param eter</th> <th>April 24</th> <th>May 24</th> <th>June 24</th> <th>July 24</th> <th>August 24</th> <th>Septe mber 24</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Near Main gate</td> <td>PM10 (100 µg/m3)</td> <td>79.13</td> <td>80.90</td> <td>68.50</td> <td>69.80</td> <td>71.63</td> <td>70.13</td> </tr> <tr> <td>PM2.5 (60 µg/m3)</td> <td>27.88</td> <td>27.33</td> <td>21.38</td> <td>25.10</td> <td>25.88</td> <td>21.75</td> </tr> <tr> <td>SO2</td> <td>20.59</td> <td>15.87</td> <td>14.63</td> <td>18.80</td> <td>18.94</td> <td>15.93</td> </tr> </tbody> </table>	AAQMS Monitoring								Locati on	Param eter	April 24	May 24	June 24	July 24	August 24	Septe mber 24	Near Main gate	PM10 (100 µg/m3)	79.13	80.90	68.50	69.80	71.63	70.13	PM2.5 (60 µg/m3)	27.88	27.33	21.38	25.10	25.88	21.75	SO2	20.59	15.87	14.63	18.80	18.94	15.93
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Locati on	Param eter	April 24	May 24	June 24	July 24	August 24	Septe mber 24																																	
Near Main gate	PM10 (100 µg/m3)	79.13	80.90	68.50	69.80	71.63	70.13																																	
	PM2.5 (60 µg/m3)	27.88	27.33	21.38	25.10	25.88	21.75																																	
	SO2	20.59	15.87	14.63	18.80	18.94	15.93																																	

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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	(80 µg/m ³)						
	NO ₂ (80 µg/m ³)	25.23	20.83	18.63	24.27	25.21	21.13
	PM ₁₀ (100 µg/m ³)	78.63	74.20	68.63	73.60	68.25	68.63
	PM _{2.5} (60 µg/m ³)	28.50	23.90	21.13	28.10	21.88	21.00
	SO ₂ (80 µg/m ³)	21.41	15.62	15.74	21.13	17.99	16.61
Near ETP Plant	NO ₂ (80 µg/m ³)	25.99	20.65	20.54	25.44	21.94	20.79
	PM ₁₀ (100 µg/m ³)	73.88	74.80	62.88	70.30	70.50	65.25
	PM _{2.5} (60 µg/m ³)	23.38	23.40	20.88	24.70	27.00	20.38
	SO ₂ (80 µg/m ³)	20.49	15.14	14.79	19.38	20.80	15.75
Near DMP Plant	NO ₂ (80 µg/m ³)	24.11	19.97	18.85	24.14	24.60	19.25

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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A.4 SOLID/HAZARDOUS WASTE

27	Hazardous/solid waste management shall be as given at the side column table.					<p>Complied.. Hazardous waste management is as per the given column.</p> <p>The hazardous waste inventory during the monitoring period is given in the table below:</p> <table border="1"> <thead> <tr> <th colspan="8">Hazardous waste Disposal (April-2024 to September-2024)</th> </tr> <tr> <th></th> <th>April-24</th> <th>May-24</th> <th>Jun-24</th> <th>Jul-24</th> <th>Aug-24</th> <th>Sep-24</th> <th>Disposal Mode</th> </tr> </thead> <tbody> <tr> <td>ETP sludge Waste</td> <td>0</td> <td>36.39</td> <td>0</td> <td>7.31</td> <td>10.25</td> <td>0</td> <td>Common TSDF</td> </tr> <tr> <td>Residue</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>Pre-Processing/Co-Processing</td> </tr> <tr> <td>Concentrated ML from Reactor Washing</td> <td>0</td> <td>0</td> <td>0</td> <td>18.78</td> <td>0</td> <td>9.54</td> <td>Pre-Processing/Co-Processing</td> </tr> <tr> <td>Mix Garbage</td> <td>0</td> <td>1.86</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>Pre-Processing/Co-Processing</td> </tr> <tr> <td>Discarded Containers/Bags</td> <td>0</td> <td>0</td> <td>0.74</td> <td>0</td> <td>0</td> <td>0</td> <td>Common TSDF</td> </tr> <tr> <td>Used Oil</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td>Insulation Waste</td> <td>0</td> <td>0.85</td> <td>1.86</td> <td>1.36</td> <td>0</td> <td>0</td> <td>Common TSDF</td> </tr> <tr> <td>Spent Carbon</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td>Off-Specification Product</td> <td>0</td> <td>6.860</td> <td>0</td> <td>14.33</td> <td>0</td> <td>0</td> <td>Pre-Processing/Co-Processing</td> </tr> <tr> <td>Non-recyclable Plastic waste/PE waste/PE waste/bags/Cotton Waste</td> <td>0</td> <td>2.46</td> <td>3.49</td> <td>6.89</td> <td>1.3</td> <td>0</td> <td>Common TSDF</td> </tr> <tr> <td>Batteries Waste</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> </tbody> </table>	Hazardous waste Disposal (April-2024 to September-2024)									April-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Disposal Mode	ETP sludge Waste	0	36.39	0	7.31	10.25	0	Common TSDF	Residue	0	0	0	0	0	0	Pre-Processing/Co-Processing	Concentrated ML from Reactor Washing	0	0	0	18.78	0	9.54	Pre-Processing/Co-Processing	Mix Garbage	0	1.86	0	0	0	0	Pre-Processing/Co-Processing	Discarded Containers/Bags	0	0	0.74	0	0	0	Common TSDF	Used Oil	0	0	0	0	0	0	-	Insulation Waste	0	0.85	1.86	1.36	0	0	Common TSDF	Spent Carbon	0	0	0	0	0	0	-	Off-Specification Product	0	6.860	0	14.33	0	0	Pre-Processing/Co-Processing	Non-recyclable Plastic waste/PE waste/PE waste/bags/Cotton Waste	0	2.46	3.49	6.89	1.3	0	Common TSDF	Batteries Waste	0	0	0	0	0	0	-
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Sr. No	Type/Name of Hazardous waste	Source of generation	Category and schedule as per HW rules	Quantity (MT/Annum)	Disposal Method																																																																																																									
1	ETP Waste	ETP	35.3	280	Collection, Storage, Transportation, d TSDF																																																																																																									
2	Discarded containers/bags	Packing material	33.1	20	Collection, Storage, Transportation, d TSDF																																																																																																									
3	Used oil	Maintenance of machineries & equipment	5.1	2.4	Collection, Storage, Transportation, d TSDF																																																																																																									
4	Spent carbon	Process, ETP & APC M	28.3	12	Collection, Storage, Transportation, d TSDF																																																																																																									
5	Residue	Process	20.3	12	Collection, Storage, Transportation, d TSDF																																																																																																									
6	Insulation waste	Plant and machinery	--	20	Collection, Storage, Transportation, d TSDF																																																																																																									
7	Off-specification product	process	--	24	Collection, Storage, Transportation, d TSDF																																																																																																									

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		<table border="1"> <tr> <td>Glass waste</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td>Total</td> <td>0</td> <td>48.42</td> <td>6.09</td> <td>48.67</td> <td>11.55</td> <td>9.54</td> <td></td> </tr> </table> <p>The Unit has been granted CCA Amendment (H- 126209) on 20/11/2023 under which following waste category has been added to latest CCA (AWH-118267) & residue generated is disposed off under these category.The provisional CCA copy is attached as Annexure-13.</p>	Glass waste	0	0	0	0	0	0	-	Total	0	48.42	6.09	48.67	11.55	9.54	
Glass waste	0	0	0	0	0	0	-											
Total	0	48.42	6.09	48.67	11.55	9.54												
28	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>The Unit has obtained membership from BEIL & SEPPL for landfill and pre-processing. The copy has been attached as Annexure-14.</p> <p>Unit is not involved in generation of the any waste under Rule-9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.</p>																
A.5 OTHER																		
29	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Jyoti Om Chemical Research Center Pvt. Ltd., Ankleshwar was submitted by project proponent vide letter no. NIL dated 27/04/2018 and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered.	<p>Complied..</p> <p>Unit is strictly adhering to the commitments made to the SEAC. EMP Compliance Report is attached as Annexure-15.</p>																
B. GENERAL CONDITIONS																		
B.1 CONSTRUCTION PHASE																		
30	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<p>Complied.</p> <p>Construction phase has been completed. We ensured to follow the stipulated conditions during our construction phase. Also, we will ensure to follow the prescribed conditions in future construction phases.</p>																
31	Project proponent 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.																	
32	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.																	

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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33	First Aid Box shall be made readily available in adequate quantity at all the times.	
34	The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Services) Act 1996 and Gujarat rules made there under their subsequent amendments. Local bye-laws of concern authority shall Complied. in letter and spirit.	
35	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 the construction phase.	
36	Use of Diesel Generator (DG) sets during the construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	
37	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	
38	All topsoil excavated during construction activity shall be used in horticulture/ landscape development within the project site.	
39	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 the construction phase shall not create an adverse effect on neighbouring communities.	
40	Project proponents shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.	
41	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.	
B.2 OPERATION PHASE		
B.2.1 WATER		

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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42	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<p>Complied.</p> <p>Unit has installed water meters and maintains the record on a daily basis. The details of consumption records are mentioned in point number 05.</p> <p>The photographs of the water meter are attached as Annexure -16</p>
43	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>The unit has adopted Best Available Technology (BAT) to reduce, recycle and reuse the treated effluent.</p> <p>The unit is using PTRO for recycling of utility wastewater, ultimately reducing the requirement for fresh water.</p> <p>For gardening purposes we are using treated water from STP, MBBR and using low angle sprinkler systems and drip irrigation systems.</p>
B.2.2 AIR		
44	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 institute and study report for impact on Environment and Human Health shall be submitted to GPCB every year along with a half yearly compliance report.	<p>Not Applicable.</p>
45	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 erected Acoustic enclosure to DG sets to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.</p>


**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		 <p align="center">Photo of DG with Acoustic enclosure</p>
46	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	<p>Complied.. Unit has ensured to provide adequate stack height for flue gas emissions. Unit has provided adequate stack height for the boiler. - The stack heights of Boiler 30 mtr.</p> <p>Unit has provided a carbon adsorption system as APCM to control VOCs - Stack height 11 mtr.</p>
47	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.	<p>Complied. Unit has Complied. with the norms as per GPCB/CPCB/MoEF&CC. Monitoring reports for the same are provided in point number 19 as Annexure-6 .</p>
48	All the reactors/ vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<p>Complied. Unit has ensured that all reactors and vessels are in closed loop to reduce the fugitive emission.</p>
B.2.3 HAZARDOUS/SOLID WASTE		
49	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 Waste (Management and Transboundary Movement) Rules 2016, as	<p>Complied. The company strictly complies with the rules and regulations with regards to handling and disposal of hazardous waste in accordance</p>

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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	may be amended from time to time. Authorization of the GPCB shall be obtained for collection/treatment/storage/ disposal of hazardous wastes.	with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Unit has obtained CC&A, Consent No. H-126209 on 20/11/2023 and valid up to 04/03/2025 and a copy has been attached as Annexure-09 .																		
50	Hazardous waste shall be dried, packed and stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Complied. Unit has provided a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility.																		
51	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	Complied. The Unit has obtained membership from BEIL & SEPPL.The copy has been attached as Annexure- 14 .																		
52	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 has ensured 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.																		
53	The design of the Trucks/ tankers shall be such that there is no spillage during transportation.	Complied.. Unit has ensured to deploy trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation. We have implemented and maintained a proper checklist for the same.																		
54	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied. Unit has put all possible efforts for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF. Details of Hazardous waste sent for Pre-Processing/Co-Processing: <table border="1"> <thead> <tr> <th colspan="2">Hazardous waste disposal: April-24 to September-24</th> </tr> <tr> <th>Month</th> <th>Pre-Processing/Co-Processing</th> </tr> </thead> <tbody> <tr> <td>April</td> <td>0</td> </tr> <tr> <td>May</td> <td>8.72</td> </tr> <tr> <td>June</td> <td>0</td> </tr> <tr> <td>July</td> <td>33.11</td> </tr> <tr> <td>August</td> <td>0</td> </tr> <tr> <td>September</td> <td>9.98</td> </tr> <tr> <td>Total</td> <td>51.81</td> </tr> </tbody> </table>	Hazardous waste disposal: April-24 to September-24		Month	Pre-Processing/Co-Processing	April	0	May	8.72	June	0	July	33.11	August	0	September	9.98	Total	51.81
Hazardous waste disposal: April-24 to September-24																				
Month	Pre-Processing/Co-Processing																			
April	0																			
May	8.72																			
June	0																			
July	33.11																			
August	0																			
September	9.98																			
Total	51.81																			
55	Management of fly ash (If any) shall be as per the Fly Ash Notification 2009 & its amendment from time to time and it shall ensure that there is	Not applicable. Unit is not using coal. Hence, fly ash will not be generated from the unit.																		


**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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	100percent utilization of fly ash to be generated from the unit.	
B.2.4 SAFETY		
56	The occupier/ manager shall strictly comply with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.	Complied. The occupier has strictly Complied. with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.
57	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 Explosive 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 Unit has obtained necessary approvals from the Chief Controller of Explosives and Concerned Government authorities as per MSIHC Rules 1989. The copy of PLI act is attached as Annexure-17 . Onsite emergency plan submission O/C copy Annexure-17
58	Main entry and exit shall be separate and clearly marked in the facility.	Complied.. Main entry & Exit are separated and have been constructed accordingly. The photos of the plant with Entry and Exit clearly attached.  <p align="center">Photo of the Entry & Exit Gate</p>
59	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.


M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II, Dist.Bharuch.

		 <p style="text-align: center;"><u>Photos of the Fire Tender</u></p>  <p style="text-align: center;"><u>Photos of Fire Tender at site</u></p>
60	Storage of flammable chemicals shall be sufficiently away from the production area.	<p>Complied.. Unit has been constructed as per prevailing rules of government authorities for storage of flammable chemicals to keep the flammable chemicals sufficiently away from the production area.</p>
61	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<p>Complied.. Unit has erected Sufficient number of fire extinguishers near the plant and storage area. Total 175 Nos. Fire extinguisher available in plant premises.</p>

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		<p>Also, the unit has a fire tender to mitigate any adverse incidents.</p>  <p align="center">Photo of the Fire Tender</p>																		
62	<p>All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.</p>	<p>Complied.. Unit has taken necessary precautions to avoid any kind of accident during storage and handling of toxic and hazardous chemicals as per the prevailing rules of government authorities.</p>																		
63	<p>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.</p>	<p>Complied.. Unit has ensured to maintain optimum quantities of toxic / hazardous chemicals. Also, the unit has ensured to obtain all necessary permissions in this regard before commencing the expansion activities.</p> <p align="center"><u>PESO License No.: P/WC/GJ/15/2711</u></p> <table border="1" data-bbox="792 1157 1565 1583"> <thead> <tr> <th>Classification as per Petroleum class</th> <th>Name of material</th> <th>Volume of tank</th> <th>Consented Quantity</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Class A</td> <td>Toluene</td> <td>30 KL</td> <td rowspan="2">60 KL</td> </tr> <tr> <td>Methenolone</td> <td>30 KL</td> </tr> <tr> <td>Class B</td> <td>Diesel</td> <td>44 KL</td> <td>41 KL</td> </tr> <tr> <td colspan="2">TOTAL</td> <td>104 KL</td> <td>101 KL</td> </tr> </tbody> </table> <p>PESO License has been attached as Annexure-20.</p>	Classification as per Petroleum class	Name of material	Volume of tank	Consented Quantity	Class A	Toluene	30 KL	60 KL	Methenolone	30 KL	Class B	Diesel	44 KL	41 KL	TOTAL		104 KL	101 KL
Classification as per Petroleum class	Name of material	Volume of tank	Consented Quantity																	
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	Methenolone	30 KL																		
Class B	Diesel	44 KL	41 KL																	
TOTAL		104 KL	101 KL																	
64	<p>The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report.</p>	<p>Complied.. The unit has adhered to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Compliance Report submitted earlier.</p>																		

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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65	Only flameproof electrical fittings shall be provided in the plant premises.	<p>Complied.. Unit has installed flameproof electrical fittings in the plant premises. Photograph of flameproof light is attached as Annexure-19 for reference.</p>
66	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks/ containers instead of on single large capacity tank/ containers.	<p>Complied. The unit has ensured minimum storage of hazardous chemicals and the unit has restricted the use of single large capacity tanks/ containers for storage of hazardous chemicals.</p>
67	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.	<p>Complied.</p> <p>Unit has provided necessary engineering controls to avoid leakages and hazardous chemical storage tanks erected inside a Bund / dyke wall for 1st phase and the unit is providing the same for next phases.</p> <p>The tanks are fitted with level control switches linked with the DCS system for optimum safety level.</p> <p>Photograph attached as below,</p> <p>Peso License has been attached as Annexure-20.</p> 

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Photo of raw material storage area with required de-choking facility




Photo of PESO tank farm area


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68	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer to that minimal human exposure occurs.	<p>Complied.</p> <p>Unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer so that minimal human exposure occurs.</p>
69	Tie up shall be done with nearby health care unit/ doctor for seeking immediate medical attention in the case of emergency.	<p>Complied.</p> <p>Unit has tied up with nearby health care units/ doctors for seeking immediate medical attention in the case of emergency. The list of nearby healthcare attached as Annexure-21.</p> <p>Unit has also developed OHC at site.</p> <p>Details of OHC Staff -</p> <p>One full time Factory Medical Officer & 24*7 male nurses are available.</p> <p>Ambulance:</p> <ul style="list-style-type: none"> - Two ambulances with round the clock ambulance driver available at AIL Zone III. <div data-bbox="846 919 1479 1472" data-label="Image"> </div>

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
Dist.Bharuch.**

		 <p style="text-align: center;"><u>Photos of two 24*7 Ambulance Van at Site</u></p>
70	<p>Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.</p>	<p>Complied.. Unit has maintained necessary Personal Protective Equipment (PPEs) and provided the same to workers and Unit has encouraged and ensured that PPE's will be used by workers as per the requirement.</p> <p>PPEs- Helmet, Goggles, Safety Shoes, aprons, safety harness, ear plug & ear muff etc.</p>
71	<p>First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.</p>	<p>Complied.. First Aid Box is available and required Antidotes for the chemicals used in the unit will be made available in adequate quantity.</p>

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		 <p>Details of the First Aid box attached as Annexure-22.</p>						
72	<p>Training shall be imparted to all the workers on safety and health aspects of chemicals handling.</p>	<p>Complied..</p> <p>Adequate Training has been given to all the workers on safety and health aspects of chemicals handling.Attendance Sheet of conducted training is enclosed as Annexure-23.</p> <table border="1" data-bbox="808 1016 1562 1201"> <thead> <tr> <th colspan="2">Safety and Health aspects training to employees</th> </tr> <tr> <th>Duration</th> <th>No. of Employees Trained</th> </tr> </thead> <tbody> <tr> <td>April-24 to September-24</td> <td>82</td> </tr> </tbody> </table>	Safety and Health aspects training to employees		Duration	No. of Employees Trained	April-24 to September-24	82
Safety and Health aspects training to employees								
Duration	No. of Employees Trained							
April-24 to September-24	82							
73	<p>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.</p>	<p>Complied..</p> <p>The unit ensures occupational surveillance of the workers.</p> <p>Unit has done Pre-employment and periodical medical examination for all the workers as per the Factories Act & Rules and records of the same are maintained.</p> <table border="1" data-bbox="808 1478 1481 1751"> <thead> <tr> <th></th> <th>Total Nos. of workers examined in the period April-24 to September-24</th> </tr> </thead> <tbody> <tr> <td>Company employees</td> <td>78</td> </tr> <tr> <td>Contract employees</td> <td>53</td> </tr> </tbody> </table>		Total Nos. of workers examined in the period April-24 to September-24	Company employees	78	Contract employees	53
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**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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74	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	<p>Complied..</p> <p>Unit ensures that the Transportation of hazardous chemicals is done as per the provisions of the Motor Vehicle Act and Rules.</p>																		
75	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<p>Complied..</p> <p>The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.</p>																		
76	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	<p>Complied..</p> <p>Unit has obtained necessary permissions from statutory authorities like PESO, Factory Inspectorate and other statutory bodies prior to commissioning of the project.</p> <p>PESO license is attached in Annexure-20.</p> <table border="1"> <thead> <tr> <th>Classificati on as per Petrolumn class</th> <th>Name of material</th> <th>Volume of Tank</th> <th>Consented Quantity</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Class A</td> <td>Toluene</td> <td>30</td> <td rowspan="2">60 KL</td> </tr> <tr> <td>Methenolone</td> <td>30</td> </tr> <tr> <td>Class B</td> <td>Diesel</td> <td>44</td> <td>41 KL</td> </tr> <tr> <td>Total</td> <td></td> <td>104 KL</td> <td>101 KL</td> </tr> </tbody> </table>	Classificati on as per Petrolumn class	Name of material	Volume of Tank	Consented Quantity	Class A	Toluene	30	60 KL	Methenolone	30	Class B	Diesel	44	41 KL	Total		104 KL	101 KL
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B.2.5 NOISE

77

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 hood, 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.
Noise monitoring reports are attached as [Annexure-25](#).


Unistar NABL Certification No.: TC-7753

		Location									
		Near DFG Plant Entrance Area	Near DFG Melter Area	Near Main Gate	Near ETP Plant	Near Material Gate Area					
Months		Day @ 75 dB (A) Night @70 dB (A)									
Apr-24	Day	Plant under shutdown									
	Night										
May-24	Day										
	Night										
Jun-24	Day						70.2	67.5	65.6	66.9	62.2
	Night						62.3	56.5	57.2	55.4	52.3
Jul-24	Day						68.7	65.4	63.6	65.1	61.7
	Night						60.6	54.7	56.3	54.7	51.6
Aug-24	Day	66.3	64.2	62.2	64.8	62.5					
	Night	61.3	55.8	57.1	55.4	52.6					
		Near DFG Plant Entrance Area	Near DFG Melter Area	New Utility Area	Near ETP Plant	Near Material Gate Area					
Sep-24	Day	65.4	63.7	61.6	63.2	61.8					
	Night	60.4	54.6	56.5	54.2	51.7					
Note: N.D.- Not Detected, BDL - Below Detection Limit											

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		<p>Noise Level Monitoring was not carried out for the month of Apr '24 & May'24 due to the plant under shutdown condition throughout the month due to no product demand. Noise levels are within permissible limits.</p>
B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION		
78	<p>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.</p>	<p>Complied..</p> <p>Unit has taken various Cleaner production methodology likes,</p> <ol style="list-style-type: none"> 1. Reuse of STP treated water for gardening and to maintain greenbelt purposes. 2. Reuse of RO permeate for Cooling tower to reduce freshwater consumption. 3. Utilization of STP treated water in toilet flushing systems for domestic use. 4. Utilization of STP treated water in cooling towers in rainy seasons. 5. Using steam condensate recovery to reduce fresh water consumption in boilers. 6. Using 98percent solvent recovery methodology to reduce fresh solvent consumption in process. 7. Treat RO reject in ETP in secondary treatment to reduce CO2 emissions and to reduce uses of natural resources like Electricity & Fresh water. <p>Unit will carry out a cleaner production assessment through a reputed institute.</p>
79	<p>The company shall undertake various waste minimization measures such as: Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw materials substitutes. Use of automated and close filling to minimize spillages. Use of a close feed system into batch reactors. Venting equipment through vapor recovery system. Use of high pressure hoses for clearing to reduce wastewater generation. Recycling of washes to subsequent batches. Recycling of steam condensate. Sweeping/ mopping the floor instead of floor washing to avoid effluent generation. Regular preventive maintenance for avoiding leakages, spillages etc.</p>	<p>Complied..</p> <p>The Unit has implemented waste minimization measures as mentioned below but not limiting to:</p> <ul style="list-style-type: none"> - Metering and control of quantities of active ingredients to minimize waste. - Unit does not generate by-products. - Unit has ensured use of automated and close filling to minimize spillages -use of a closed feed system into batch reactors is in place. - venting equipment through a vapor recovery system is there. - Use of high pressure hoses for clearing to reduce wastewater generation. - recycling of washes to subsequent batches - Recycling of steam condensate. - Sweeping/ mopping the floor instead of floor washing to avoid effluent generation. - regular preventive maintenance for avoiding leakages, spillages.
B.2.7 GREEN BELT AND OTHER PLANTATION		

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80	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.	<p>Complied..</p> <p>Details of Developed Greenbelt is under -</p> <ul style="list-style-type: none">• The unit has ensured to develop the green belt within premises as per the CPCB guidelines.• Unit has developed 1304 Nos. trees within plant premises.• To fulfill additional requirements for greenbelt, the unit has taken permission from SEZ authority opposite to M/s. Tatva Chintan to develop. The SEZ allotment Letter for Green Belt is attached as Annexure-10 .
81	Drip irrigation/ low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	<p>Complied..</p> <p>Unit has provided a low-angle sprinkler system for the green belt development within the premises.</p> <p>Photo of Drip Irrigation system is attached as below,</p> 

**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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B.3 OTHER CONDITION


82 The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's office memorandum No: F.No.22-65/2017-IA.III Dt: 1/5/2018 to carry out the activities under CER in affected are around the project. The entire activities proposed under CER shall be monitored and a monitoring report shall be submitted to the regional office of MoEFCC as a part of half yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.

Complied..
Attached as [Annexure-26](#).


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83	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	<p>Complied..</p> <p>The unit has ensured to provide a Rain water Harvesting system, which is implemented.</p> <ul style="list-style-type: none"> ● Way forward for implementation of Rainwater harvesting system: <ol style="list-style-type: none"> 1. Rainwater harvesting is a mechanism involved in collecting, storing and using rainwater. 2. A rainwater harvesting system comprises various stages – transporting rain water through pipes or drains, filtration, and storage in tanks for reuse or recharge. There are five components in a rainwater harvesting system namely catchment, conveyance, filtration, Storage and recharge. <p>The unit has ensured rainwater harvesting tanks with a capacity of 200 KLD.</p>																								
84	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.	<p>Complied..</p> <p>The unit has participated financially and technically for common environmental facilities/infrastructure as and when the same is taken up either by the Industrial Association or SEZ / GIDC or GPCB or any such authority created for this purpose by the Govt.</p>																								
85	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.	<p>Complied..</p> <p>Unit has an implemented 20 KW solar panel to utilize energy for illumination of common areas, lighting for gardens and street lighting.</p> <p>Please find the photo below of the solar panel.</p> <table border="1" data-bbox="808 1255 1511 1787"> <thead> <tr> <th>Sr. No.</th> <th>Month</th> <th>Solar Power Generated (kWh)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>April-24</td> <td>3020</td> </tr> <tr> <td>2</td> <td>May-24</td> <td>2971</td> </tr> <tr> <td>3</td> <td>June-24</td> <td>2571</td> </tr> <tr> <td>4</td> <td>July-24</td> <td>1801</td> </tr> <tr> <td>5</td> <td>August-24</td> <td>1946</td> </tr> <tr> <td>6</td> <td>September-24</td> <td>2197</td> </tr> <tr> <td colspan="2">Total Power Generation</td> <td>14506 kWh</td> </tr> </tbody> </table>	Sr. No.	Month	Solar Power Generated (kWh)	1	April-24	3020	2	May-24	2971	3	June-24	2571	4	July-24	1801	5	August-24	1946	6	September-24	2197	Total Power Generation		14506 kWh
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**M/s. Aarti Industries Limited, (Unit-III) Plot no. Z/111/B, GIDC Estate, Dahej SEZ-II,
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		 <p align="center">Photo of Solar Panel Installed at site</p>
86	The area earmarked as green area shall be used only for plantation and shall not be alerted for any other purpose.	<p>Complied.. Unit has not constructed / used the green area for any other purposes.</p>
87	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.	<p>Complied.. Unit is strictly adhering to the commitments/ undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management.</p>
88	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.	<p>Complied.. We are ensuring to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.</p>
89	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.	<p>Complied.. In the event of failure of any pollution control system, the unit is ensured to be safely closed down and not to be restarted until the desired efficiency of the control equipment has been achieved.</p>
90	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	<p>Complied.. The unit has strictly adhered to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.</p>
91	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.	<p>Complied.. Unit has ensured no spillages during material transfer and garland drains have been constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.</p>
92	Pucca flooring/ impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<p>Complied.. Pucca flooring has been provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.</p>

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<p>93</p>	<p>Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly</p>	<p>Complied.. Unit has ensured no leakages from pipes, pumps and if occurs, is ensured to be arrested promptly. Also, the unit has ensured a closed loop transfer system for chemicals.</p>
<p>94</p>	<p>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.</p>	<p>Complied.. Unit has ensured to not take up any further expansion or modifications in the plant likely to cause environmental impacts without obtaining prior Environment Clearance from the concerned authority.</p> <p>EC expansions has been received on vide number SEIAA/GUJ/EC/5(f)/922/2021 dated 22.06.2021 attached in Annexure-27 & vide number SEIAA/GUJ/EC/5(f)/1457/2023 dated 21.11.2023 attached in Annexure-27.</p> <p>Six monthly EC compliance letters attached as Annexure-27 . The advertisement given in the Gujarati and English newspapers on Dated 27/06/2021 & 23/06/2021 is shown as below:</p> 

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95 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.

Noted.
The copy of PLI act is attached as [Annexure-28](#).

96 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.

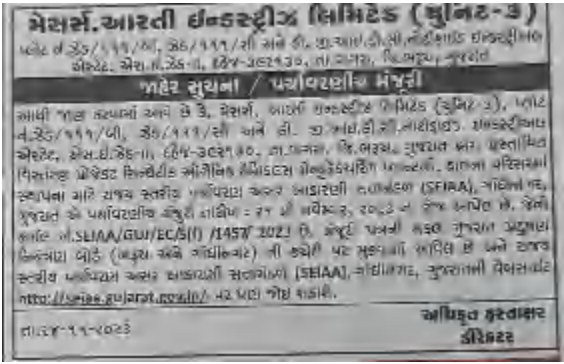
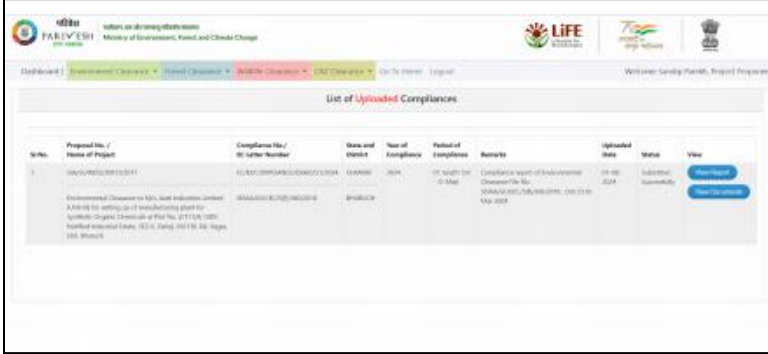
Complied..
The project proponent has Complied. with all the conditions mentioned in “The Companies (Corporate Social Responsibility Policy) Rules 2014” and its amendments from time to time. Details of the CSR mentioned below:-

Name of Associated NGO	Nature of Work	Amount (Rs. in Lakhs)
Jan Seva & Charitable Trust	Grocery, Uniform, Notebooks Cost & Salary for Computer teacher for Tribal Girls Hostel	5.15
Samarth Engineering & Construction	Garden Development @ Luwara Village	12.0
Samarth Engineering	Garden Development	0.30

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		<table border="1"> <tr> <td data-bbox="808 218 1058 268">& Construction</td> <td data-bbox="1058 218 1308 268">@ Luwara Village</td> <td data-bbox="1308 218 1555 268"></td> </tr> <tr> <td data-bbox="808 268 1058 394">Gram Vikas Trust</td> <td data-bbox="1058 268 1308 394">Donation for Vidya Sarthi Project for the Month of March'24</td> <td data-bbox="1308 268 1555 394">2.50</td> </tr> <tr> <td data-bbox="808 394 1058 520">Gram Vikas Trust</td> <td data-bbox="1058 394 1308 520">Donation for Vidya Sarthi Project for the Month of April'24</td> <td data-bbox="1308 394 1555 520">2.50</td> </tr> <tr> <td data-bbox="808 520 1058 646">Gram Vikas Trust</td> <td data-bbox="1058 520 1308 646">Donation for Vidya Sarthi Project for the Month of June'24</td> <td data-bbox="1308 520 1555 646">2.50</td> </tr> <tr> <td data-bbox="808 646 1058 730">Gram Vikas Trust</td> <td data-bbox="1058 646 1308 730">Donation for Vidya Sarthi Project</td> <td data-bbox="1308 646 1555 730">2.50</td> </tr> <tr> <td data-bbox="808 730 1058 898">Gram Vikas Trust</td> <td data-bbox="1058 730 1308 898">Donation for Aarti Play group school at village Dahej & Mira nagar Ankleshwar</td> <td data-bbox="1308 730 1555 898">4.65</td> </tr> <tr> <td data-bbox="808 898 1058 989">Gram Vikas Trust</td> <td data-bbox="1058 898 1308 989">Donation for Vidya Sarthi Project</td> <td data-bbox="1308 898 1555 989">2.50</td> </tr> <tr> <td colspan="2" data-bbox="808 989 1308 1039" style="text-align: center;">Total</td> <td data-bbox="1308 989 1555 1039" style="text-align: center;">34.6</td> </tr> </table>	& Construction	@ Luwara Village		Gram Vikas Trust	Donation for Vidya Sarthi Project for the Month of March'24	2.50	Gram Vikas Trust	Donation for Vidya Sarthi Project for the Month of April'24	2.50	Gram Vikas Trust	Donation for Vidya Sarthi Project for the Month of June'24	2.50	Gram Vikas Trust	Donation for Vidya Sarthi Project	2.50	Gram Vikas Trust	Donation for Aarti Play group school at village Dahej & Mira nagar Ankleshwar	4.65	Gram Vikas Trust	Donation for Vidya Sarthi Project	2.50	Total		34.6
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97	The project management shall ensure that the unit complies with all the environmental protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	<p>Complied.. Unit has Complied. with all the environmental protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report.</p>																								
98	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.	<p>Complied.. Adequate funds have been allotted for implementing the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. Total Invested Amount during the current monitoring period for these following implements-Rs. 38 lakhs.</p> <ul style="list-style-type: none"> ● External Environment Monitoring ● Greenbelt development ● Rain Water Harvesting system. ● 20 KW Solar Panel 																								
99	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of 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	<p>Complied.. The advertisement regarding the environmental clearance was given in the local newspapers named Gujarat Samachar (in Gujarati) and Times of India (in English) dated 24th December, 2018, the copy of the same was submitted to the concerned regional office of GPCB.</p> <p>Attachment of advertisement as per below -</p>																								

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	<p>region, one of which shall be in Gujarati language and the other in English. A copy of each of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	
<p>100</p>	<p>It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned on 1st June and 1st December of each calendar year.</p>	<p>Complied..</p> <p>Last half yearly compliance report for the period of October-2023 to March-2024 submitted on date 27th May 2024.Screenshot of the upload on Parivesh Portal is attached.</p>  <p>*Hard Copy of the Six Monthly EC Compliance Report for the period of October-2023 to March-2024 has been sent to MS Gandhinagar. Received O/C Copy is attached as Annexure-34</p>
<p>101</p>	<p>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.</p>	<p>Noted.</p>
<p>102</p>	<p>The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.</p>	<p>Complied.</p> <p>Unit has ensured to strictly adhere to the stipulations made by the Gujarat Pollution Control Board.</p> <p>Unit has obtained CC&A, Consent No. AWH. 118267 granted on 01/07/2022.</p> <p>Unit has also obtained CC&A Amendment Consent No. H-126209 granted on 20/11/2023 and valid up to 04/03/2025 and compliance to that has been attached as Annexure-36.</p>

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103	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
104	The company in a time bound manner shall implement these conditions. The SIEAA reserves the right to stipulate additional conditions, if the same is found necessary.	Noted.
105	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.	Complied.. Unit has obtained CC&A, Consent No. AWH. 118267 has been granted on 01/07/2022 and valid up to 04/03/2025. Annexure-A
106	This environmental clearance is valid for seven years from the date of issue.	Noted.
107	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.	Noted.
108	Submission of any false or misleading information or data which is material to screening of scoping or appraisal or decision on the application makes this environment clearance canceled.	Noted.

The unit has obtained EC expansion vide number SEIAA/GUJ/EC/5(f)/922/2021 dated 22.06.2021 & SEIAA/GUJ/EC/5(f)/1457/2023 dated 20.11.2023.

Six monthly EC compliance letter along with applicable conditions attached as [Annexure-29](#), [Annexure-30](#), & [Annexure-31](#).

The same will be converted to CTE in the next phase of construction. Unit has applied for EC to CTE permission as attached [Annexure-37](#).



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION(CC & A)

CCA NO: AWH- 108077

NO: GPCB/BRCH/CCA- 265/ID-62935/

DT: ___/10/2020

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) Act-1981 and Authorization under rule 6(2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P) Act-1986.

And whereas Board has received consolidated application dated 05/03/2020 and inward no. 173627 for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

CONSOLIDATED CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid Environmental Acts)

To,
M/S. AARTI INDUSTRIES LTD.(UNIT-III)
PLOT NO:Z/111/B,
SEZ-II, DAHEJ,
TAL. VAGRA, DIST: BHARUCH
PIN-392130.

1. Consent Order No. : AWH-108077 date of Issue 12/05/2020.
2. The consent under Water Act-1974 for conveying the industrial effluent discharge to GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system upto the sea, The consent under Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be valid up to 04/03/2025 to operate industrial plant to manufacture following products:

Sr. No.	Products	Quantity(MT/Month)
1.	Di Methyl Phthalate	1000

Specific conditions:

- a) Unit shall comply with all the conditions stipulated by SEIAA / MoEF in the order of Environment Clearance issue vide letter No.SEIAA / GUJ / EC / 5(f) / 1360 / 2018, dated: 14/12/2018.
- b) Unit shall provide a flow meter at inlet and outlet to GIDC drainage line and maintain a daily record of the same
- c) All the efforts shall be made to send hazardous waste to cement industry for Co-processing first and there after it shall be disposed through other option.

3. CONDITION UNDER THE WATER ACT:

3.1 The quantity of total water consumption shall not exceed 325 KLD as per break up mentioned in form D submitted for consent application under the Water (Prevention and Control of Pollution) Act-1974. Source of freshwater shall only from GIDC supply.

- a) Industrial: 255 KLD
- b) Domestic: 10 KLD
- c) Gardening: 60 KLD

3.2 The quantity of total waste water generation shall not exceed 57 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

- a) Industrial: 48 KL/Day
- b) Domestic: 9 KL/Day

3.3 Mode of disposal of wastewater:

- i. 48 KL/Day Treated industrial effluent shall be disposed to GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system up to Sea for final disposal at NIO designated point after meeting the standards prescribed in sr no. 3.4.
- ii. 9 KL/Day Domestic sewage shall be disposed off through septic tank/ soak pit system

3.4 The quality of industrial effluent shall conform to the following standards (as per GPCB norms, whichever is applicable)(For discharge into GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system upto the sea for final disposal at NIO designated point)

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	pH	6 to 9
2	Temperature	Shall not exceed more than 5 °C above receiving water temperature
3	Total Suspended Solids	100 mg/l
4	Oil and Grease	10 mg/l
5	Phenolic Compounds	5 mg/l
6	Cyanide (as CN)	0.2 mg/l
7	Fluorides (as F)	15 mg/l
8	Sulphides (as P)	5.0 mg/l
9	Total Residual Chlorine	1.0 mg/l
10	Ammonical Nitrogen (as N)	50 mg/l
11	Total Kjeldahl Nitrogen (TKN)	50 mg/l
12	Nitrate Nitrogen	50 mg/l
13	Biochemical Oxygen demand [3 day at 27 °C]	100 mg/l
14	Chemical Oxygen Demand	250 mg/l
15	Arsenic (as AS)	0.2 mg/l
16	Mercury (as Hg)	0.01 mg/l
17	Lead (as Pb)	0.1 mg/l
18	Cadmium (as Cd)	0.05 mg/l



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19	Trivalent Chromium	2.0 mg/l
20	Hexavalent Chromium (as Cr± 6)	0.1 mg/l
21	Copper (as Cu)	3.0 mg/l
22	Zinc (as Zn)	15 mg/l
23	Selenium (as Se)	0.05 mg/l
24	Nickel (as Ni)	3.0 mg/l
25	Manganese (as Mn)	2 mg/l
26	Iron (as Fe)	3 mg/l
27	Vanadium (as V)	0.2 mg/l
28	Bio assay test	90% survival of fish after 96 hours in 100% effluent

- 3.5 The effluent conforming to the above standards shall be discharged into GIDC SewerLine- Dahej Vilayat Pipeline/ Common Disposal system upto the sea for final disposal at NIO designated point.
- 3.6 Unit shall be a member of Dahej CETP as & when come up and send their treated effluent, if required.
- 3.7 Unit shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.
- 3.8 Unit shall implement & follow communication plan so that respected work can be done in minimum response time in case of emergencies.
- 3.9 Unit shall install continuous / online monitoring system and shall transmit online data so generated simultaneously to GPCB and CPCB as well for the parameters such as pH, TOC, TSS, other sector specific parameters etc. with recorder & magnetic flow meters for flow measurement of treated wastewater as per CPCB guideline.
- 3.10 Unit shall have only one authorized outlet over the ground with full access from outside the premises. Also name of unit and technical details shall be prominently written / printed on mouth of pipeline opening in GIDC U/G drain & shall be made visible to inspecting staff.
- 3.11 In case of shut-down of plant for more than three (3) days for any reason, member unit shall intimate to GIDC/ Pipeline Project authority & GPCB well in advance for the better operation & management of pipeline.
- 3.12 Unit shall make fixed arrangement for discharge of the effluent from their Final collection tanks to the underground drainage network of GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system. Unit shall not keep any by-pass line or system or loose or flexible pipe line for discharge of the effluent into underground drainage network of Pipeline.
- 3.13 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent discharged into the underground

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drainage network of GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system.

- 3.14 Unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act - 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.
- 3.15 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system upto the sea for final disposal at NIO designated point.
- 3.16 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process, the name of proprietor/partners /directors of the unit, GIDC Pipeline Project membership number & date of joining of GIDC Pipeline Project membership, the electricity consumer number as on the record of DGVCL.
- 3.17 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises, if applicable as per CPCB norms.
- 3.18 Unit shall either stop or curtail its production activities if the effluent is not conforming to the standards of GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system specified by GPCB.
- 3.19 The authorized representative of GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system project shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of Unit.
- 3.20 Unit shall have to keep accurate records of quality & quantity of effluent discharged to GIDC Sewer Line- Dahej Vilayat Pipeline/ Common Disposal system on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.
- 3.21 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the compiled record of each month to GPCB on or before fifth day of the succeeding month.
- 3.22 In case of incinerators or MEE, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel oil, Furnace oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber



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shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.

- 3.23 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.24 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the GIDC SewerLine- Dahej Vilayat Pipeline/ Common Disposal system.
- 3.25 If the GIDC SewerLine- Dahej Vilayat Pipeline/ Common Disposal system Project authority terminates the membership of Pipeline Project, the member unit shall have to close down the manufacturing activities/Industrial operation of the process plant immediately until the membership is resumed.
- 3.26 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issued. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.
- 3.27 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 3.28 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 3.29 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.
- 3.30 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

4. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as fuel:

Sr. No.	Name of fuel	Quantity
1.	Natural Gas for Boiler	600 Nm ³ /Hr
2.	Diesel for D.G. Sets (2 Nos.)	600 Lit/Hr.

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

Stack No.	Stack attached to	Capacity	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
1.	Boiler	3TPH	30	-	PM SO _x NO _x	150 mg/Nm ³ 100 ppm 50 ppm
2.	DG Set - 2 Nos	1500 KVA Each Stand by	11	-		

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

Stack No.	Stack attached to	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
1.	Vessels & Vacuum Pumps	11	Water Scrubber followed by Carbon adsorption tower	VOC	--

4.2 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /m ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Oxides of Sulphur (SO ₂)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
 - 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- 4.4 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.
- 4.5 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.



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- 4.6 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4.7 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- 4.8 All efforts shall be made to control VOC emissions and odor problem, if any.
- 4.9 Total control of odor nuisance from the plant premises, shall be achieved & maintained by the unit continuously
- 4.10 Unit shall install continuous / online monitoring system in the stacks and shall transmit online data so generated simultaneously to GPCB and CPCB as well for the parameters such as PM, SO₂, NO_x, NH₃, HCl, other sector specific parameters etc., if applicable as per CPCB guideline.

5 GENERAL CONDITIONS: -

- 5.1 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.
- 5.2 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 5.3 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of DGVCL.

6. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 6(2)).

6.1 Number of authorization: AWH-108077 date of Issue 12/05/2020.

6.2 M/s.AARTI INDUSTRIES LTD is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at PLOT NO. Z/111/B, DAHEJ SEZ-II, TAL. VIAGRA, BHARUCH - 392130.

Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year	Facility
1	ETP Waste	35.3	1680	Collection, Storage, Transportation, disposal to TSDF -SEPPL.
2	Residue	26.1	12	Collection, Storage, transportation, disposal at CHWIF-SEPPL /Co - processing at RSPL
3	Discarded containers/bag	33.1	20	Collection, Storage, Decontamination, Disposal by sold

	s			to reprocessor/ Contaminated containers/bags to authorized recyclers.
4	Used oil	5.1	2.4	Collection, Storage, Transportation, Disposal by selling to registered re-processors/recyclers.
5	Insulation Waste	33.1	20	Collection, Storage, Transportation, disposal to TSDF -SEPPL.
6	Spent Carbon	36.2	12	Collection, Storage, transportation, disposal at CHWIF-SEPPL /Co - processing at RSPL
7	Off-specification product	26.1	24	Collection, Storage, transportation, disposal at CHWIF-SEPPL /Co - processing at RSPL
8	Non recyclable Plastic waste/PPE waste/bags/Cotton waste	33.1	25	Collection, Storage, Transportation, disposal to TSDF -SEPPL.
9	Batteries Waste	--	50 Nos	Collection, Storage, Transportation, Disposal by selling to authorized recyclers or buyback

Other Waste:

Sr. No.	Name of Waste	Quantity	Facility
1.	Glass Waste (Z 13)	2 MT/Year	Collection, Storage, Transportation, Disposal by selling to authorized recyclers
2.	Wooden Waste	2 MT/Year	Collection, Storage, Transportation, Disposal by selling to authorized recyclers
3.	E-waste & Electrical waste	1 MT/Year	Collection, Storage, Transportation, Disposal by selling to authorized recyclers

6.3 The authorization is granted to operate a facility as above.

6.4 The authorization shall be in force for a period up to 04/03/2025..

6.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

7. TERMS AND CONDITIONS OF AUTHORISATION;

7.1 The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

7.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.



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- 7.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 7.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 7.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation 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;
- 7.6 The person authorised 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"
- 7.7 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- 7.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 7.10 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.
- 7.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any.
- 7.12 An application for the renewal of an authorization shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016.
- 7.13 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.
- 7.14 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
- 7.15 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.
- 7.16 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
- 7.17 Unit shall have to manage used or spent oil; empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986 and shall apply Authorization for all applicable waste.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(P.B Patel)

Dy. ENVIRONMENT ENGINEER



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By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION(CC & A - Amendment)

CCA AMENDMENT NO: AWH-118267

NO: GPCB/BRCH-B/CCA- 265(2)/ID-62935/

DT: /07/2022

To,
M/s. Aarti Industries Ltd.(Unit-III),
Plot No: Z/111/B,
SEZ-II, Dahej,
Tal: Vagra, Dist-Bharuch.

SUB: Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.

REF: (1) Your application No. 207786 dated 08/12/2021
(2) CTE No. 97244 dated: 28/05/2018
(3) CCA No. AWH - 108077 dated: 05/03/2020 CCA (Fresh)

Sir,

This has reference to the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA- 265/ID-62935 dated 12/10/2020 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The Validity of this order will be up to 04/03/2025

1. **The list of proposed products to be manufactured shall be as follows:**

Sr. No.	Products	Quantity (MT/Month)		
		Existing	Proposed	Total
1	Di Methyl Phthalate	1000	--	1000
2	Aryl Dianhydride	--	1350	1350
3	Aryl phthalimide	--	920	920
4	Di Octyl phthalate	--	1000	1000
TOTAL		1000	3270	4270

2. **Specific conditions:**

- Unit shall not carry out any construction activities and production which attracts provisions of Environment Clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.
- Unit shall sell out their hazardous waste to authorized endusers who is having authorization with valid CCA and rule 9 permission to receive this waste. Unit shall make MoU with such authorized endusers and submit MoU.
- All the efforts shall be made to send hazardous waste to cement industry for Co-processing first & there after it shall be disposed through other option.
- Unit shall follow spent solvent management guideline framed by board and shall make MoU with outside distillation units, if any. Also submit the prescribed forms as per guideline.
- Unit shall install online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB for real time data transfer for boiler more than 8 TPH capacity or equivalent capacity of HRSG.

3. CONDITION UNDER THE WATER ACT:

3.1 The condition No. 3.1 for Water Consumption under Water Act of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

- a. Domestic: 27 KL/Day (Existing 10 KLD + Proposed 17 KLD)
- b. Industrial: 732 KL/Day (Existing 255 KLD + Proposed 477 KLD (424 Fresh + 53 Reuse) [Total: 679 KLD fresh + fresh 33 KLD reuse]
- c. Gardening: 85 KL/Day (Existing 60 KLD + Proposed 25 KLD)

Total: 844 KL/Day (Existing 325 KLD + Proposed 519 KLD (441 Fresh + 78 Reused))

3.2 The condition No. 3.2 for Wastewater Generation under Water Act of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

- a. Domestic: 25 KL/Day (Existing 9 KLD + Proposed 16 KLD)
 - b. Industrial: 105 KL/Day (Existing 48 KLD + Proposed 57 KLD)
- Total: 130 KL/Day (Existing 57 KLD + Proposed 73 KLD)**

3.3 Mode of disposal of wastewater:

- a) Existing 48 KLD treated industrial effluent shall be disposed to GIDC sewer line- Dahej Vilayat pipeline / common disposal system up to sea for final disposal at NIO designated point after meeting the standards prescribed in sr no . 3.4 .
- b) Proposed industrial waste water from boiler blow down (17KLD) , cooling blow down 972 KLD and washing (10 KLD) total 99 KLPD will be sent to RC.RO permeate 53 KLD will be reused and 46 KLD RO reject with 59 KLD from process water due to reaction (Total 105 KLD) will be treated in ETP and discharged to GIDC drainage .
- c) 25 KLD domestic sewage shall be treated in STP and reused in gardening.

3.4 The quality of industrial effluent shall conform to the following standards (as per GPCB norms, whichever is applicable) (For discharge into GIDC effluent collection system Line- Dahej Vilayat Pipeline/ Common Disposal system upto the sea for final disposal at NIO designated point)

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	pH	6 to 9
2	Temperature	Shall not exceed more than 5 °C above receiving water temperature
3	Total Suspended Solids	100 mg/l
4	Oil and Grease	10 mg/l
5	Phenolic Compounds	5 mg/l
6	Cyanide (as CN)	0.2 mg/l
7	Fluorides (as F)	15 mg/l
8	Sulphides (as S)	5.0 mg/l
9	Total Residual Chlorine	1.0 mg/l
10	Ammonical Nitrogen (as N)	50 mg/l
11	Total Kjeldahl Nitrogen (TKN)	50 mg/l
12	Nitrate Nitrogen	50 mg/l
13	Biochemical Oxygen demand [3 day at 27°C]	100 mg/l



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14	Chemical Oxygen Demand	250 mg/l
15	Arsenic (as AS)	0.2 mg/l
16	Mercury (as Hg)	0.01 mg/l
17	Lead (as Pb)	0.1 mg/l
18	Cadmium (as Cd)	0.05 mg/l
19	Trivalent Chromium	2.0 mg/l
20	Hexavalent Chromium (as Cr± 6)	0.1 mg/l
21	Copper (as Cu)	3.0 mg/l
22	Zinc (as Zn)	15 mg/l
23	Selenium (as Se)	0.05 mg/l
24	Nickel (as Ni)	3.0 mg/l
25	Manganese (as Mn)	2 mg/l
26	Iron (as Fe)	3 mg/l
27	Vanadium (as V)	0.2 mg/l
28	Bio assay test	90% survival of fish after 96 hours in 100% effluent

4. CONDITIONS UNDER THE AIR ACT:

- 4.1 The condition No. 4.1 for Fuel Consumption under Air Act of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

Sr. No.	Name of fuel	Quantity		
		Existing	Proposed	Total
1	Natural Gas	600 Nm ³ /Hr	300 Nm ³ /Hr	900 Nm ³ /Hr
2	Diesel	660 Nm ³ /Hr	--	660 Nm ³ /Hr

- 4.2 The condition No. 4.1.1 for Flue gas stacks under Air Act of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

Stack No.	Stack attached to	Stack Height in Meter	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
Existing					
1	Boiler (Capacity: 3 TPH)	30	--	PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2	D.G. Set-2 Nos. 1500 KVA of each	11	--	PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
Proposed					
1	Thermo pack (22LacKcal/hr)	30	--	PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 pm

Clean Gujarat Green Gujarat

- Steam shall be taken from sister concern unit Aarti Industries Limited (Unit-I) Dahej, SEZ-II [ID-41201] and condensate sent back to the same unit.

4.3 The condition No. 4.2 for Process gas stacks under Air Act of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

Stack No.	Stack attached to	Stack Height in Meter	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
Existing					
1	Vessels and vacuum Pumps	11	Water scrubber followed by carbon adsorption tower	VOC	--
Proposed					
1	Storage Tanks	11	Water scrubber followed by carbon adsorption tower	VOC	--

4.4 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /M ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Oxides of Sulphur (SO _x)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
- 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.5 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition as above.

5 CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016

5.1 Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.

5.2 The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-E/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan

Sector-10-A, Gandhinagar-382 010.

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year			Facility
			Exi.	Pro.	Total	
1	ETP Waste	35.3	1680	-1400	280	Collection, Storage, Transportation, disposal to TSDF/Coprocessing
2	Discarded containers/bags	33.1	20	0	20	Collection, Storage, Decontamination, Disposal by sold to selling to re-processor/ Contaminated/containers/bags to authorized recyclers/ Co-processing unit
3	Used oil	5.1	2.4	0	2.4	Collection, Storage, Transportation, Disposal by selling to registered re-processors/recyclers.
4	Spent Carbon	28.3	12	0	12	Collection, Storage, transportation send to common re-processing facility /common co processing facility/CHWIF
5	Residue	26.1	12	0	12	Collection, Storage, transportation, disposal at CHWIF.
6	Insulation Waste	—	20	0	20	Collection, Storage, Transportation disposal by at TSDF
7	Off-specification product	26.1	24	0	24	Collection, Storage, Transportation disposal to co processing/pre-processing/CHWIF
8	Non recyclable Plastic waste/PPE waste/bags/Cotton/Paper waste	33.1	50	0	50	Collection, Storage, Transportation disposal by at TSDF Sites/Pre/ Co-processing
9	Batteries Waste		50 Nos.	0	50 Nos.	Collection, Storage, Transportation,

					Disposal by selling to authorized recyclers or buyback
Non Hazardous					
1	Glass Waste (Z 13)	2 MT/Year	-	2 MT/Year	--
2	Wooden Waste	2 MT/Year	—	2 MT/Year	Authorized recycler
3	E-waste & Electrical waste	1 MT/Year	—	1 MT/Year	Authorized E-Waste handlers
4	Paper Waste (Z 44)	—	1 MT/Year	1 MT/Year	Landfill site
5	Cotton Waste	—	1 MT/Year	1 MT/Year	Incineration Facility
6	Bio-Medical Waste	—	0.5 MT/Year	0.5 MT/Year	Will be disposed off as per Bio Medical Waste Rules

6 All other conditions of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 will remain same.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

9/10
(IRFAN KAGZI)
ENVIRONMENT ENGINEER

Outward No:676744,01/07/2022



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A - Amendment)
CCA AMENDMENT NO: H-126209

NO: GPCB/BRCH-B/CCA- 265(3)/ID-62935/

DT: /11/2023

To,
M/s. ~~Karti~~ Industries Limited (U-III)
Plot no: Z/111/B, SEZ-II, Dahej,
Tal: Vagra, Dist: Bharuch.

SUB: Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.

REF: (1) Your application No. 269311 dated 06/11/2023
(2) CTE No. 124234 dated: 05/04/2023
(3) CCA No. AWH -108077 dated: 12/10/2020 (CCA Fresh)
(4) CCA - Amendment No. AWH -118267 dated: 01/07/2022

This has reference to the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The validity of this order shall be up to 04/03/2025.

1. Specific conditions:

- Unit shall not procure any hazardous waste without obtaining Rule-9 under HOWER-2016 and CTE/CCA -Amendment.
- Unit shall comply with all conditions of EC dated 14/12/2018 and 22/06/2021.
- There shall be no change in raw material, process and product profile.
- Unit shall not carry out any construction activities and production which attracts provisions of Environment Clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.

2. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016

- Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.
- The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 which stands amended as under.

Sr. No.	Name of Haz. Waste	Category Number	Quantity, MT/Year			Facility
			Exl.	Pro.	Total	
1	ETP Waste	35.3	280	0	280	Collection, Storage, Transportation and send common TSDF Site.

2	Discarded containers/bags	33.1	20	0	20	Collection, Storage, Decontamination/ detoxification and send to authorized decontamination facility.
3	Used Oil	5.1	2.4	0	2.4	Collection, Storage, Transportation and send to authorized reprocesses/Recyclers.
4	Spent Carbon	36.2	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
5	Residue	26.1	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
6	Concentrated ML from rector tank & equipment washing	26.1	0	94	94	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
7	Spent Solvent	26.4	0	38	38	
8	Off specification product	26.1	24	0	24	
9	Non-recyclable plastic waste/PPEs Waste/Bags/cotton/paper waste	33.1	50	--	50	Collection, Storage, Transportation and send to common TSDF Site.
10	Packaging material decontamination & detoxification	34.1	0	45	45	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.

Note: Insulation waste- 20 TPA and Batteries waste- 50 Nos./Annum shall be managed/ disposed as per applicable prevailing rules/ notification amended from time to time.

3. All other conditions of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 shall remain unchanged.

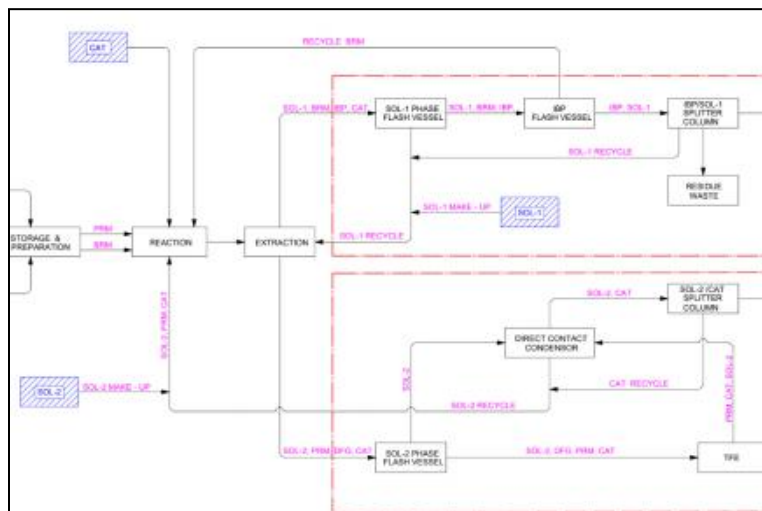
For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M.R. Macwana)
Unit Head- Bharuch

GAS DETECTOR LIST									
Sr No	Tag No.	Detail	Service	Range	Make	Model No	Sr. No	Alarm Setting high (A1)	Alarm Setting high (A2)
Sr No	Tag No.	Detail	Service	Range	Make	Model No	Sr. No	Alarm Setting high (A1)	Alarm Setting high (A2)
1	1-GD-TEA-1	DFG G FLOOR NEAR 1P0145A/B	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045101	5 PPM	10 ppm
2	1-GD-TEA-2	DFG G FLOOR UNDER 1ST0101	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045105	5 PPM	10 ppm
3	1-GD-TEA-3	DFG G FLOOR UNDER 1R0102	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045106	5 PPM	10 ppm
4	1-GD-TEA-5	DFG G FLOOR OUT NEAR 1SU0790	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045102	5 PPM	10 ppm
5	1-GD-TEA-6	DFG 1ST FLOOR NEAR 1ST0101	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045108	5 PPM	10 ppm
6	1-GD-TEA-7	DFG 1ST FLOOR NEAR 1R0102	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045104	5 PPM	10 ppm
7	1-GD-TEA-8	DFG 2ND FLOOR NEAR 1V0140	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045103	5 PPM	10 ppm
8	1-GD-TEA-9	DFG G FLOOR NEAR 1ST0102	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045107	5 PPM	10 ppm
9	1-GD-TEA-10	DFG 3ED FLOOR NEAR 1PK0130	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D6045109	5 PPM	10 ppm
10	1-AI-0101	DFG 2ND FLOOR ON 1R0103	TEA - Toxic	0 to 50 PPM	TRITECH	2X	D5889	5 PPM	10 ppm
11	1-GD-TOLUENE-1	DFG G FLOOR NEAR 1P0171A/B	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046101	10 % LEL	20 % LEL
12	1-GD-TOLUENE-2	DFG G FLOOR UNDER 1E0160	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046105	10 % LEL	20 % LEL
13	1-GD-TOLUENE-3	DFG G FLOOR UNDER 1V0155	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046106	10 % LEL	20 % LEL
14	1-GD-TOLUENE-4	PESO AREA	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046103	10 % LEL	20 % LEL
15	1-GD-TOLUENE-5	PESO AREA	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046104	10 % LEL	20 % LEL
16	1-GD-TOLUENE-6	DFG 1ST FLOOR NEAR 1V0170	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046109	10 % LEL	20 % LEL
17	1-GD-TOLUENE-7	DFG 1ST FLOOR NEAR 1V0146	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046102	10 % LEL	20 % LEL
18	1-GD-TOLUENE-8	DFG 2ND FLOOR NEAR 1C0170	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046105	10 % LEL	20 % LEL
19	1-GD-TOLUENE-9	DFG 2ND FLOOR NEAR 1E0146	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046107	10 % LEL	20 % LEL
20	1-GD-TOLUENE-10	DFG 3ED FLOOR NEAR 1PK0170	TOLUENE - FI	0 to 100% LEL	TRITECH	FL-TX	D6046110	10 % LEL	20 % LEL
21	1-GD-METH-01	PESO AREA	METHANOL -	0 to 100% LEL	HONEYWELL	SPXCDALMTXF	K025362003210		
22	1-GD-METH-02	DMP 1ST FLOOR	METHANOL -	0 to 100% LEL	HONEYWELL	SPXCDALMTXF	K0253619352049		
23	1-GD-METH-03	DMP TOP FLOOR	METHANOL -	0 to 100% LEL	HONEYWELL	SPXCDALMTXF	ON HEIGHT		
24	1-GD-METH-04	DMP TANKFARM	METHANOL -	0 to 100% LEL	HONEYWELL	SPXCDALMTXF	K0253619361277		
25	1-GD-NG-01	NG STATION	NG - FLAMAB	0 to 100% LEL	TRITECH	2XSERIES	2918/E/21		
26	1-GD-NG-02	HOT OIL AREA	NG - FLAMAB	0 to 100% LEL	TRITECH	2XSERIES	7866/C/21		
27	1-GD-NG-03	DMP BOILER	Z	0 to 100% LEL	HONEYWELL	SPXCDALMTXF	K0253619341143		
28	1-GD-O2-01	BRM Wearhouse PTS	Oxygen Gas D	0.0 – 30.0 % Vol.	TRITECH	OX-XT	01030D7411/01		
29	1-GD-O2-02	PRM Wearhouse PTS	Oxygen Gas D	0.0 – 30.0 % Vol.	TRITECH	OX-XT	01030D7411/02		
30	AT-251(W/H)	BRM Wearhouse PTS	Oxygen Gas D	0.0 – 30.0 % Vol.	TRITECH	OX-XT	01030D7337/05		
31	AT-250 (W/H)	PRM Wearhouse PTS	Oxygen Gas D	0.0 – 30.0 % Vol.	TRITECH	OX-XT			

Components	Frequency of monitoring	Repair Schedule
	Quarterly (semiannual after two consecutive periods with < 2percent leaks and annual after 5 periods with 2percent leaks)	Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general hydrocarbons. 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	
Any components with visible leaks	Immediately	Immediately
Any components after repair/replacement	Within Five days	-

Close loop Solvent Recovery System(Toluene)			
	Volume	Unit	Solvent recovery in percent
Feed rate to extraction column	7600	kg/hr	-
Recovery from the stripper column	7448	kg/hr solvent	98percent





GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION
(A GOVT. OF GUJARAT UNDERTAKING)
Office of the Dy. Executive Engineer (DRG)
1st FLOOR ,NARMADA COMM. COMPLEX,
STATION ROAD, PANCHBATTI,
BHARUCH -392001PH :242432/244184 FAX:(02642)241902
Mail ID: gidcbharuch@rediffmail.com

NO: GIDC/BRH/DEE (DRG)/ 769

Date: 16/10/2018

To,

M/s Aarti Industries Limited,
Plot No .Z/111/B,
SEZ-II, Dahej,
Dist- Bharuch

Sub : Assurance letter to discharge of 125.00 klpd of industrial effluent by M/s Aarti Industries Limited, Plot no. Z/111/B.

Ref: - Your Letter Dated. 16/10/2018

Dear Sir,

Vide letter under reference, you have demanded a confirmation letter to discharge of 125.00 Klpd of industrial effluent.

Till date, you have not taken drainage connection.

In this regard, this office assures that 125.00 Klpd of industrial effluent can be discharged by M/s Aarti Industries Limited Plot no. Z/111/B, subject to the following conditions:

1. Availability of infrastructure.
2. Availability of spare quantity in design capacity of sewer line.
3. The allottee pays the contribution and other applicable charge for the said quantity industrial effluent.
4. The allottee has to make their own provision to discharge industrial effluent in to GIDC's sewer line or in to collection well if the quantity demanded is more than the entitled quantity.
5. The effluent discharge connection would only be released after the approvals from the competent authority are taken for upward revision of effluent discharge from the quantity mentioned in the agreement.
6. The effluent discharge connection shall only be released after the submission of GPCB consent as per the approved the quantity.

This is for your Information Please.

[Handwritten Signature]
16/10/18

Dy. Executive Engineer (DRG),
GIDC Bharuch.

Month	Industrial Treated Effluent discharge	
	Total KL/Month	Average KL/Day
	—	Limit: 121 KLD
April-24	0	0
May-24	365	11.774
June-24	783	26.1
July-24	1058	34.129
August-24	862	27.806
September-24	797	26.567



ETP Equipment checklist				
Sr.no.	Name of equipment	Capacity, KL	MOC	Quantity
1	Screen Chamber	1.76	RCC	1
2	Oil & Grease trap	2.91	RCC	1
3	Collection Tank	136	PP-FRP	1
4	Neutralization Tank	3	MS-FRP	1
5	Flash Mixer Tank	1.5	MS-FRP	1
6	Flocculator Tank	3	MS-FRP	1
7	Primary Tube Settler	24	MS-FRP	1
8	Aeration Tank	66.47	MS-FRP	4
9	Sludge Holding Tank	14.73	MS-FRP	1
10	Secondary Tube Settler	24	MS-FRP	1
11	Intermediate Storage Tank	10.8	MS-FRP	1
12	Treated Water Tank	10.8	MS-FRP	1

2.0 STACK MONITORING REPORT



Period: April - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/04/AIL-3/S-001	Report Issue Date	03/05/2024
Service Request form No.	UERL/AIR/D/SRF/04/S-001	Service Request Date	27/04/2024
Sample ID No.	UERL/AIR/D/ID/S-24/04/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/04/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/04/2024	Date of Testing	29/04/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.		Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	--
5.	Flue Gas Temperature	°C	--
6.	Exit Gas Velocity	m/s	--
7.	Exit Gas Flow	Nm ³ /h	--

➤ **Test Parameter Results**

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

Note: 1) D.G. Set –1 : Not In Operation. 2) TVOCs Limit Not Defines in GPCB CC&A.,

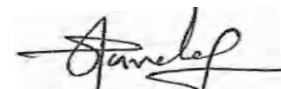
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/04/AIL-3/S-002	Report Issue Date	03/05/2024
Service Request form No.	UERL/AIR/D/SRF/04/S-002	Service Request Date	27/04/2024
Sample ID No.	UERL/AIR/D/ID/S-24/04/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/04/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/04/2024	Date of Testing	29/04/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	--
5.	Flue Gas Temperature	°C	--
6.	Exit Gas Velocity	m/s	--
7.	Exit Gas Flow	Nm ³ /h	--

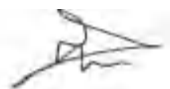
➤ **Test Parameter Results**

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

Note: 1) D.G. Set –2: Not In Operation. 2) TVOCs - Limit Not Defines in GPCB CC&A.

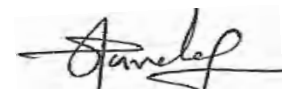
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: May - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/05/AIL-3/S-001	Report Issue Date	01/06/2024
Service Request form No.	UERL/AIR/D/SRF/05/S-001	Service Request Date	29/05/2024
Sample ID No.	UERL/AIR/D/ID/S-24/05/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/05/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	29/05/2024	Date of Testing	30/05/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.		Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	35
5.	Flue Gas Temperature	°C	--
6.	Exit Gas Velocity	m/s	--
7.	Exit Gas Flow	Nm ³ /h	--


➤ **Test Parameter Results**

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

Note: 1) D.G. Set –1 : Not In Operation. 2) TVOCs Limit Not Defines in GPCB CC&A.,

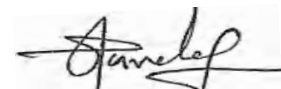
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/05/AIL-3/S-002	Report Issue Date	01/06/2024
Service Request form No.	UERL/AIR/D/SRF/05/S-002	Service Request Date	29/05/2024
Sample ID No.	UERL/AIR/D/ID/S-24/05/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/05/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	29/05/2024	Date of Testing	30/05/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	35
5.	Flue Gas Temperature	°C	--
6.	Exit Gas Velocity	m/s	--
7.	Exit Gas Flow	Nm ³ /h	--

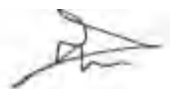
➤ **Test Parameter Results**

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

Note: 1) **D.G. Set –2:** Not In Operation. 2) **TVOCs** - Limit Not Defines in GPCB CC&A.

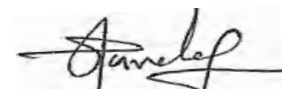
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: June - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

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Auditor (Schedule-II)

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ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/06/AIL-3/S-001	Report Issue Date	01/07/2024
Service Request form No.	UERL/AIR/D/SRF/06/S-001	Service Request Date	27/06/2024
Sample ID No.	UERL/AIR/D/ID/S-24/06/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/06/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/06/2024	Date of Testing	28/06/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	20/06/2024	Next Calibration Due On	19/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.		Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm ³ /h	3817.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	80	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	18	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	34	50	IS 11255(Part 7)
4.	TVOCs	ppm	3.3	**	GC Method

Note: 1) D.G. Set –1 : Not In Operation. 2) TVOCs Limit Not Defines in GPCB CC&A.,

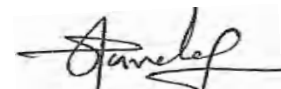
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/06/AIL-3/S-002	Report Issue Date	01/07/2024
Service Request form No.	UERL/AIR/D/SRF/06/S-002	Service Request Date	27/06/2024
Sample ID No.	UERL/AIR/D/ID/S-24/06/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/06/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/06/2024	Date of Testing	28/06/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	20/06/2024	Next Calibration Due On	19/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	10.9
7.	Exit Gas Flow	Nm ³ /h	3705.6

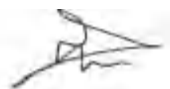
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	76	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	21	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.8	**	GC Method

Note: 1) **D.G. Set –2:** Not In Operation. 2) **TVOCs** - Limit Not Defines in GPCB CC&A.

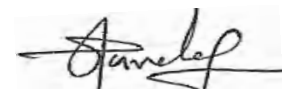
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: July - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

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Auditor (Schedule-II)

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ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/07/AIL-3/S-001	Report Issue Date	05/08/2024
Service Request form No.	UERL/AIR/D/SRF/07/S-001	Service Request Date	23/07/2024
Sample ID No.	UERL/AIR/D/ID/S-24/07/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/07/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	23/07/2024	Date of Testing	24/07/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.		Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm ³ /h	3817.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	74	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	23	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	32	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.2	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

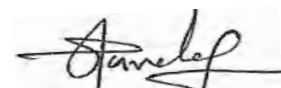
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/07/AIL-3/S-002	Report Issue Date	05/08/2024
Service Request form No.	UERL/AIR/D/SRF/07/S-002	Service Request Date	23/07/2024
Sample ID No.	UERL/AIR/D/ID/S-24/07/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/07/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	23/07/2024	Date of Testing	24/07/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	10.6
7.	Exit Gas Flow	Nm ³ /h	3570.9

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	70	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	21	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	34	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.4	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

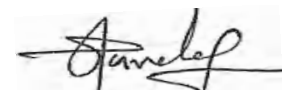
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: August - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
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Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/08/AIL-3/S-001	Report Issue Date	05/09/2024
Service Request form No.	UERL/AIR/D/SRF/08/S-001	Service Request Date	22/08/2024
Sample ID No.	UERL/AIR/D/ID/S-24/08/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/08/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	22/08/2024	Date of Testing	23/08/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Unit of Measurement	Observation
1.	Stack Height	m 30
2.	Stack Dia	mm 400
3.	Stack Area	m ² 0.1256
4.	Ambient Temperature	°C 28
5.	Flue Gas Temperature	°C 125
6.	Exit Gas Velocity	m/s 11.2
7.	Exit Gas Flow	Nm ³ /h 3719.9

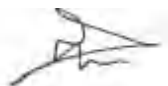
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	72	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.8	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

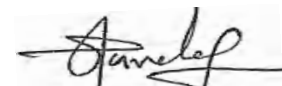
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/08/AIL-3/S-002	Report Issue Date	05/09/2024
Service Request form No.	UERL/AIR/D/SRF/08/S-002	Service Request Date	22/08/2024
Sample ID No.	UERL/AIR/D/ID/S-24/08/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/08/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	22/08/2024	Date of Testing	23/08/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	10.9
7.	Exit Gas Flow	Nm ³ /h	3666.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	75	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	23	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	37	50	IS 11255(Part 7)
4.	TVOCs	ppm	3.1	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

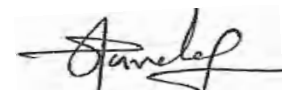
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: September - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/09/AIL-3/S-001	Report Issue Date	01/10/2024
Service Request form No.	UERL/AIR/D/SRF/09/S-001	Service Request Date	26/09/2024
Sample ID No.	UERL/AIR/D/ID/S-24/09/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/09/001
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	26/09/2024	Date of Testing	27/09/2024
Stack Sampling Attached to	D.G. Set –1 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.		Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	10.8
7.	Exit Gas Flow	Nm ³ /h	3614.1

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	68	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	17	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	32	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.6	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

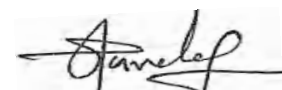
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandell
(Manager - Operations)

TEST REPORT
(STACK MONITORING)

Test Report No.	UERL-D/24/09/AIL-3/S-002	Report Issue Date	01/10/2024
Service Request form No.	UERL/AIR/D/SRF/09/S-002	Service Request Date	26/09/2024
Sample ID No.	UERL/AIR/D/ID/S-24/09/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/09/002
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	26/09/2024	Date of Testing	27/09/2024
Stack Sampling Attached to	D.G Set –2 (1500 KVA)		
Air Pollution Control Device	--		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	400
3.	Stack Area	m ²	0.1256
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	118
6.	Exit Gas Velocity	m/s	10.7
7.	Exit Gas Flow	Nm ³ /h	3608.1

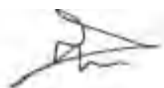
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	72	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	21	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	TVOCs	ppm	2.8	**	GC Method

Note: TVOCs - Limit Not Defines in GPCB CC&A.

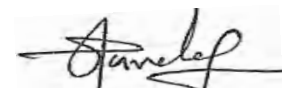
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandell
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: April - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

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Consultant Organization

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Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/04/AIL-3/S-003	Report Issue Date	03/05/2024
Service Request form No.	UERL/AIR/D/SRF/04/S-003	Service Request Date	27/04/2024
Sample ID No.	UERL/AIR/D/ID/S-24/04/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/04/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/04/2024	Date of Testing	29/04/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	29/04/2024	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	--

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Process Stack (Storage Tank): Not In Operation.
2) TVOCs - Limit Not Defines in GPCB.

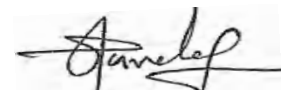
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandell
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/04/AIL-3/S-005	Report Issue Date	03/05/2024
Service Request form No.	UERL/AIR/D/SRF/04/S-005	Service Request Date	27/04/2024
Sample ID No.	UERL/AIR/D/ID/S-24/04/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/04/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/04/2024	Date of Testing	29/04/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	28

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

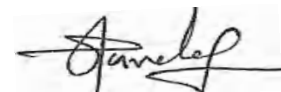
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: May - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
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ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/05/AIL-3/S-003	Report Issue Date	01/06/2024
Service Request form No.	UERL/AIR/D/SRF/05/S-003	Service Request Date	29/05/2024
Sample ID No.	UERL/AIR/D/ID/S-24/05/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/05/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	29/05/2024	Date of Testing	30/05/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	30/05/2024	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	35

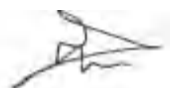
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Process Stack (Storage Tank): Not In Operation.
2) TVOCs - Limit Not Defines in GPCB.

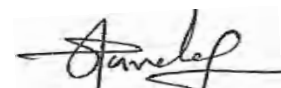
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandell
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/05/AIL-3/S-005	Report Issue Date	01/06/2024
Service Request form No.	UERL/AIR/D/SRF/05/S-005	Service Request Date	29/05/2024
Sample ID No.	UERL/AIR/D/ID/S-24/05/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/05/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	29/05/2024	Date of Testing	30/05/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	21/06/2023	Next Calibration Due On	20/06/2024

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	35

➤ **Test Parameter Results**


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

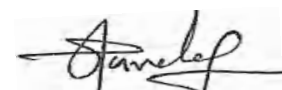
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: June - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
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Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/06/AIL-3/S-003	Report Issue Date	01/07/2024
Service Request form No.	UERL/AIR/D/SRF/06/S-003	Service Request Date	27/06/2024
Sample ID No.	UERL/AIR/D/ID/S-24/06/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/06/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/06/2024	Date of Testing	28/06/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	20/06/2024	Next Calibration Due On	19/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	32

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	BDL (MDL:.01)	**

Note: 1) Process Stack (Storage Tank): Not In Operation.

2) TVOCs - Limit Not Defines in GPCB.

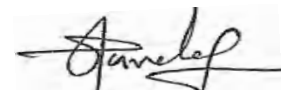
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandell
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/06/AIL-3/S-005	Report Issue Date	01/07/2024
Service Request form No.	UERL/AIR/D/SRF/06/S-005	Service Request Date	27/06/2024
Sample ID No.	UERL/AIR/D/ID/S-24/06/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/06/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	27/06/2024	Date of Testing	28/06/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	20/06/2024	Next Calibration Due On	19/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	32

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

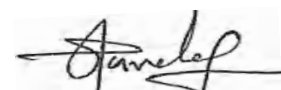
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: July - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
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ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/07/AIL-3/S-003	Report Issue Date	05/08/2024
Service Request form No.	UERL/AIR/D/SRF/07/S-003	Service Request Date	23/07/2024
Sample ID No.	UERL/AIR/D/ID/S-24/07/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/07/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	23/07/2024	Date of Testing	24/07/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

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

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	BDL (MDL:.01)	**

Note: TVOCs - Limit Not Defines in GPCB.

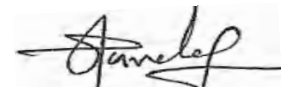
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/07/AIL-3/S-005	Report Issue Date	05/08/2024
Service Request form No.	UERL/AIR/D/SRF/07/S-005	Service Request Date	23/07/2024
Sample ID No.	UERL/AIR/D/ID/S-24/07/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/07/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	23/07/2024	Date of Testing	24/07/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

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

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

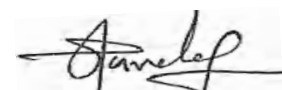
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: August - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
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ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/08/AIL-3/S-003	Report Issue Date	05/09/2024
Service Request form No.	UERL/AIR/D/SRF/08/S-003	Service Request Date	22/08/2024
Sample ID No.	UERL/AIR/D/ID/S-24/08/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/08/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	22/08/2024	Date of Testing	23/08/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

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

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	BDL (MDL:.01)	**

Note: TVOCs - Limit Not Defines in GPCB.

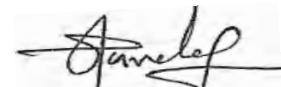
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/08/AIL-3/S-005	Report Issue Date	05/09/2024
Service Request form No.	UERL/AIR/D/SRF/08/S-005	Service Request Date	22/08/2024
Sample ID No.	UERL/AIR/D/ID/S-24/08/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/08/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	22/08/2024	Date of Testing	23/08/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	28

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

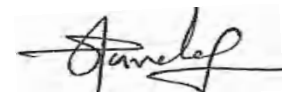
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: September - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/09/AIL-3/S-005	Report Issue Date	01/10/2024
Service Request form No.	UERL/AIR/D/SRF/09/S-005	Service Request Date	26/09/2024
Sample ID No.	UERL/AIR/D/ID/S-24/09/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/09/005
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	26/09/2024	Date of Testing	27/09/2024
Stack Sampling Attached to	Vessels & Vacuum Pumps		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

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

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	--	**

Note: 1) Vessels & Vacuum Pumps: Not in Operation.

2) TVOCs - Limit Not Defines in GPCB CC&A.

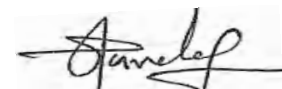
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

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ISO 9001 : 2015
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Certified Company

**TEST REPORT
(STACK MONITORING)**

Test Report No.	UERL-D/24/09/AIL-3/S-003	Report Issue Date	01/10/2024
Service Request form No.	UERL/AIR/D/SRF/09/S-003	Service Request Date	26/09/2024
Sample ID No.	UERL/AIR/D/ID/S-24/09/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/09/003
Name & Address of Customer	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Date of Sampling	26/09/2024	Date of Testing	27/09/2024
Stack Sampling Attached to	Process Stack (Storage Tank)		
Fuel Used	--		
Air Pollution Control Device	Water Scrubber Followed by Carbon Adsorption Tower.		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 2015
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

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

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits
1.	TVOCs	ppm	BDL (MDL:01)	**

Note: TVOCs - Limit Not Defines in GPCB.

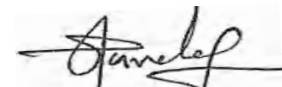
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)



DAHEJ SEZ LIMITED

(A Joint Venture of GIDC & ONGC)

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

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

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

Website : www.dahejsez.com, CIN - U45209GJ2004PLC044779

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

Date: 25th Sep, 2020

To,

✓ Aarti Industries Ltd.

Plot No. Z/103/H,

Dahej SEZ Part-2.

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

Ref.: Your e-mail dated 25.09.2020

Dear Sir,

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

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

Thanking you,

Yours faithfully,

Manager (Infra.)
Dahej SEZ Limited.

Copy to:

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



SEZ PART - II



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Approx. Area for
Green Belt development
L B Area
 $350 \text{ mt} \times 40 \text{ mt} = 14000 \text{ Sq.mt}$

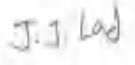
LEGEND		NOTE:
	SEZ BOUNDARY	1. ALL DIMENSIONS ARE IN METER.
	ROAD	2. ANY DISCREPANCY IN THE DRG. OR PLAN MUST BE NOTIFIED TO C.E.O.
	PLOT BOUNDARY	3. NO PART OF THIS PLAN SHOULD BE CHANGED WITHOUT CONSENT OF THE C.E.O.
	UTILITY CORRIDOR	4. THE ROAD WIDTH REFER TO THE ROAD RIGHT OF WAY.
	GIDC ROAD (OUT SIDE SEZ)	5. THE MAP WAS COMPUTERIZED BY S.K. PARMAR ON AUTOCAD IN GIDC Dt. 16/03/1994
	NON PROCESSING AREA	6. THE DEVELOPMENT PLAN WAS MODIFIED IN GIDC Dt. 08/07/2008
	PLOT NUMBER	7. DEVELOPMENT PLAN OF DANESJ SEZ IS MODIFIED BY P&E. Dt. 16/03/1994
	CRZ LINE(V/S)	
	CRZ LINE(R)	

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/06/WAM/AIL/U3/001

- 1. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 2. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 3. Name of the Department / Plant:** - ETP Plant.
- 4. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 5. Particulars of sampling:** - Work Place Monitoring.
- 6. Date of Monitoring:** - 27/06/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near ETP Plant.	Total Dust	Handy Sampler	01	0.015	0.015	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

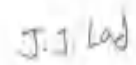
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/07/WAM/AIL/U3/001

- 1. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 2. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 3. Name of the Department / Plant:** - ETP Plant.
- 4. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 5. Particulars of sampling:** - Work Place Monitoring.
- 6. Date of Monitoring:** - 23/07/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near ETP Plant.	Total Dust	Handy Sampler	01	0.012	0.012	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

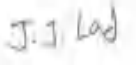
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/08/WAM/AIL/U3/001

- 1. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 2. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 3. Name of the Department / Plant:** -Boiler Plant.
- 4. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 5. Particulars of sampling:** - Work Place Monitoring.
- 6. Date of Monitoring:** - 22/08/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near Boiler Plant.	Total Dust	Handy Sampler	01	0.018	0.018	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

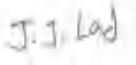
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/09/WAM/AIL/U3/001

- 1. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 2. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 3. Name of the Department / Plant:** -Boiler Plant.
- 4. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 5. Particulars of sampling:** - Work Place Monitoring.
- 6. Date of Monitoring:** - 26/09/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near Boiler Plant.	Total Dust	Handy Sampler	01	0.021	0.021	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

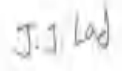
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/06/WAM/AIL/U3/002

- Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- Name of the Department / Plant:** - Extraction Column
- Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- Particulars of sampling:** - Work Place Monitoring.
- Date of Monitoring:** - 27/06/2024

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near 50L-2 Phase-Recycle Tank.	TVOC'S (ppm)	Handy Sampler	01	BDL (MDL: 0.1)	BDL (MDL: 0.1)	**	GC Method	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

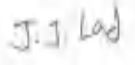
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/07/WAM/AIL/U3/001

- 7. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 8. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 9. Name of the Department / Plant:** - BRN FLAKER.
- 10. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 11. Particulars of sampling:** - Work Place Monitoring.
- 12. Date of Monitoring:** - 23/07/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near BRN Flaker Tank Melting Tank Area.	Total Dust	Handy Sampler	01	0.28	0.28	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

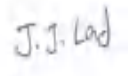
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/07/WAM/AIL/U3/002

- 1. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 2. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 3. Name of the Department / Plant:** - Extraction Column
- 4. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 5. Particulars of sampling:** - Work Place Monitoring.
- 6. Date of Monitoring:** - 23/07/2024

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near 50L-2 Phase-Recycle Tank.	TVOC'S (ppm)	Handy Sampler	01	BDL (MDL: 0.1)	BDL (MDL: 0.1)	**	GC Method	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Note: Limit of TVOCs Not Define in Factory Act.

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

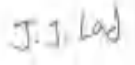
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/09/WAM/AIL/U3/002

- 7. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 8. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 9. Name of the Department / Plant:** - DFG Plant.
- 10. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 11. Particulars of sampling:** - Work Place Monitoring.
- 12. Date of Monitoring:** - 26/09/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near DFG Plant Ground Flour.	TVOC'S (ppm)	Handy Sampler	01	BDL (MDL: 0.1)	BDL (MDL: 0.1)	**	GC Method	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

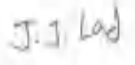
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/08/WAM/AIL/U3/002

- 7. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 8. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 9. Name of the Department / Plant:** - DFG Plant.
- 10. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 11. Particulars of sampling:** - Work Place Monitoring.
- 12. Date of Monitoring:** - 22/08/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near DFG Plant Ground Flour.	TVOC'S (ppm)	Handy Sampler	01	BDL (MDL: 0.1)	BDL (MDL: 0.1)	**	GC Method	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

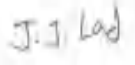
(Manager - Operations)

FORM NO. 37
(Prescribed under Rule 12-B)

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

Test Report No. UERL/24/06/WAM/AIL/U3/001

- 7. Name of Industries: M/s. Aarti Industries Ltd. (Dahej SEZ Unit Saffron)**
- 8. Address:** Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.
- 9. Name of the Department / Plant:** - BRN FLAKER.
- 10. Raw materials, by-products and finished products involved in the process: - Raw Material & Product: - -**
- 11. Particulars of sampling:** - Work Place Monitoring.
- 12. Date of Monitoring:** - 27/06/2024.

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Airborne Contamination		Average	TWA Concentration (As Given in Schedule-II as Per Factory Act.)	Reference Method	Number of Workers Exposed at the Location Being Monitored	Remarks	Signature of Person Taking Samples	Name (In Block Letters)
				Number of Samples	Range							
1	Near BRN Flaker Tank Melting Tank Area.	Total Dust	Handy Sampler	01	0.31	0.31	10 mg/m ³	NIOSH0600	06	All Process Activities are Not Running Due to Plant Shut Down.		JITEN LAD

Work Place Monitoring done by M/s. Unistar Environment & Research Labs Pvt. Ltd., Vapi.

Authorized By:



Jaivik S. Tandel

(Manager - Operations)





Ambient air monitoring station

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: April - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-001

Report Issue Date: 03/05/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NO _x µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	81	28	18.3	27.6
2	04/04/2024	75	24	20.3	25.1
3	11/04/2024	78	26	24.1	22.6
4	12/04/2024	82	31	21.3	25.1
5	18/04/2024	74	23	19.5	23.6
6	19/04/2024	76	24	17.4	24.1
7	23/04/2024	82	32	21.3	25.4
8	24/04/2024	85	35	22.5	28.3
Max.		85	35	24.1	28.3
Min.		74	23	17.4	22.6
98th Percentile		84.6	34.6	23.9	28.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

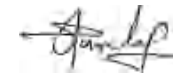
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-002

Report Issue Date: 03/05/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	78	26	20.1	24.3
2	04/04/2024	81	29	24.3	28.6
3	11/04/2024	76	24	22.4	24.1
4	12/04/2024	71	31	18.7	26.2
5	18/04/2024	78	26	21.6	22.6
6	19/04/2024	82	31	22.8	26.8
7	23/04/2024	84	32	23.1	29.6
8	24/04/2024	79	29	18.3	25.7
Max.		84	32	24.3	29.6
Min.		71	24	18.3	22.6
98th Percentile		83.7	31.9	24.1	29.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: May - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-001

Report Issue Date: 01/06/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	78	27	18.2	21.4
2	03/05/2024	86	30	16.8	21.6
3	09/05/2024	83	28	15.8	20.5
4	10/05/2024	76	25	14.6	18.6
5	14/05/2024	86	29	15.3	21.5
6	15/05/2024	79	26	15.8	22.6
7	21/05/2024	86	30	16.2	20.5
8	22/05/2024	77	26	17.5	21.3
9	28/05/2024	83	28	14.1	18.8
10	29/05/2024	75	24	15.8	22.3
Max.		86	30	18.2	22.6
Min.		75	24	14.1	18.6
98th Percentile		86	30.0	18.1	22.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

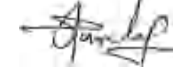
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-002

Report Issue Date: 01/06/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	72	23	16.2	22.5
2	03/05/2024	78	26	14.6	19.8
3	09/05/2024	71	24	13.6	19.2
4	10/05/2024	74	23	15.2	20.3
5	14/05/2024	81	27	16.2	22.1
6	15/05/2024	74	25	16.7	21.2
7	21/05/2024	77	26	17.5	22.6
8	22/05/2024	75	24	14.2	18.5
9	28/05/2024	72	23	15.6	21.4
10	29/05/2024	68	18	16.4	20.8
Max.		81	27	17.5	22.6
Min.		68	18	13.6	18.5
98th Percentile		81	26.8	17.4	22.6
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-003

Report Issue Date: 01/06/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NO _x µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	70	19	15.3	20.4
2	03/05/2024	84	28	15.8	19.2
3	09/05/2024	77	26	17.2	22.5
4	10/05/2024	70	22	18.3	24.2
5	14/05/2024	79	26	14.5	20.2
6	15/05/2024	81	28	13.8	18.3
7	21/05/2024	75	23	14.5	19.5
8	22/05/2024	71	20	16.2	20.6
9	28/05/2024	69	22	12.6	16.5
10	29/05/2024	72	20	13.2	18.3
Max.		84	28	18.3	24.2
Min.		69	19	12.6	16.5
98th Percentile		84	28.0	18.1	23.9
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-003

Report Issue Date: 03/05/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	69	22	17.8	22.5
2	04/04/2024	75	25	22.4	25.1
3	11/04/2024	77	26	20.3	23.4
4	12/04/2024	80	25	18.7	22.6
5	18/04/2024	76	23	18.4	22.4
6	19/04/2024	68	21	20.3	23.4
7	23/04/2024	75	23	24.2	28.2
8	24/04/2024	71	22	21.8	25.3
Max.		80	26	24.2	28.2
Min.		68	21	17.8	22.4
98th Percentile		79.6	25.9	23.9	27.8
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: June - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
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QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-001

Report Issue Date: 05/07/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	69	19	14.2	18.3
2	04/06/2024	74	21	15.3	19.3
3	10/06/2024	68	18	16.8	21.7
4	11/06/2024	66	20	15.9	20.1
5	17/06/2024	72	25	13.8	17.4
6	18/06/2024	64	22	13.2	16.2
7	24/06/2024	70	24	14.6	19.8
8	25/06/2024	65	22	13.2	16.2
Max.		74	25	16.8	21.7
Min.		64	18	13.2	16.2
98th Percentile		74	24.9	16.7	21.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

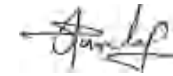
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-002

Report Issue Date: 05/07/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	72	20	13.5	20.2
2	04/06/2024	70	25	16.5	20.8
3	10/06/2024	65	21	18.2	22.5
4	11/06/2024	72	24	12.6	18.3
5	17/06/2024	74	26	15.1	20.2
6	18/06/2024	62	19	15.6	19.4
7	24/06/2024	66	16	18.8	23.5
8	25/06/2024	68	18	15.6	19.4
Max.		74	26	18.8	23.5
Min.		62	16	12.6	18.3
98th Percentile		74	25.9	18.7	23.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-003

Report Issue Date: 05/07/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	65	22	12.4	16.6
2	04/06/2024	60	19	13.1	16.2
3	10/06/2024	58	18	15.3	19.4
4	11/06/2024	63	21	13.6	17.5
5	17/06/2024	68	23	16.2	19.8
6	18/06/2024	67	24	16.8	21.5
7	24/06/2024	60	19	14.1	18.3
8	25/06/2024	62	21	16.8	21.5
Max.		68	24	16.8	21.5
Min.		58	18	12.4	16.2
98th Percentile		68	23.9	16.8	21.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: July - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QCI-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-001

Report Issue Date: 05/08/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	65	22	17.6	25.3
2	04/07/2024	67	23	20.4	24.6
3	12/07/2024	72	25	16.5	23.1
4	13/07/2024	68	26	18.6	27.6
5	17/07/2024	74	31	15.5	20.8
6	18/07/2024	70	29	18.2	23.4
7	26/07/2024	71	26	21.2	26.3
8	27/07/2024	69	22	22.4	25.3
9	30/07/2024	67	19	19.4	22.6
10	31/07/2024	75	28	18.2	23.7
Max.		75	31	22.4	27.6
Min.		65	19	15.5	20.8
98th Percentile		74.8	30.6	22.2	27.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

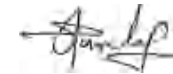
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-002

Report Issue Date: 05/08/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	72	24	21.1	24.3
2	04/07/2024	70	25	20.5	26.4
3	12/07/2024	71	28	19.4	25.4
4	13/07/2024	68	26	22.6	28.4
5	17/07/2024	77	31	17.2	22.4
6	18/07/2024	76	29	18.8	24.5
7	26/07/2024	72	29	24.3	27.2
8	27/07/2024	76	30	23.4	25.6
9	30/07/2024	80	32	21.8	23.7
10	31/07/2024	74	27	22.2	26.5
Max.		80	32	24.3	28.4
Min.		68	24	17.2	22.4
98th Percentile		79.5	31.8	24.1	28.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-003

Report Issue Date: 05/08/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	74	21	19.6	22.5
2	04/07/2024	72	22	21.3	24.6
3	12/07/2024	70	26	20.5	23.7
4	13/07/2024	66	27	17.4	26.4
5	17/07/2024	72	29	16.4	22.3
6	18/07/2024	67	24	15.8	20.6
7	26/07/2024	72	25	18.7	24.6
8	27/07/2024	73	28	22.6	23.7
9	30/07/2024	68	22	20.2	27.4
10	31/07/2024	69	23	21.3	25.6
Max.		74	29	22.6	27.4
Min.		66	21	15.8	20.6
98th Percentile		73.8	28.8	22.4	27.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: August - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
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ISO 9001 : 2015
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Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-001

Report Issue Date: 05/09/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	74	25	17.2	24.2
2	09/08/2024	69	28	20.6	27.3
3	16/08/2024	72	30	19.3	22.4
4	17/08/2024	70	22	16.6	25.6
5	21/08/2024	67	27	18.4	23.5
6	22/08/2024	76	20	17.7	26.2
7	29/08/2024	74	24	21.2	28.1
8	30/08/2024	71	31	20.5	24.4
Max.		76	31	21.2	28.1
Min.		67	20	16.6	22.4
98th Percentile		75.7	30.9	21.1	28.0
Permissible Limit (As Per NAAQMS)		100	60	80	80

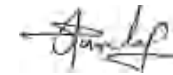
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-002

Report Issue Date: 05/09/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	66	24	16.4	21.3
2	09/08/2024	71	21	20.1	23.5
3	16/08/2024	64	18	17.4	20.2
4	17/08/2024	68	19	18.7	22.7
5	21/08/2024	70	22	14.7	19.6
6	22/08/2024	73	28	19.3	24.2
7	29/08/2024	65	23	20.5	21.6
8	30/08/2024	69	20	16.8	22.4
Max.		73	28	20.5	24.2
Min.		64	18	14.7	19.6
98th Percentile		72.7	27.4	20.4	24.1
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-003

Report Issue Date: 05/09/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	71	25	21.3	23.3
2	09/08/2024	74	29	23.6	25.2
3	16/08/2024	68	30	18.5	21.6
4	17/08/2024	73	23	22.4	26.7
5	21/08/2024	66	24	20.6	27.2
6	22/08/2024	71	29	19.8	23.5
7	29/08/2024	69	26	21.5	26.6
8	30/08/2024	72	30	18.7	22.7
Max.		74	30	23.6	27.2
Min.		66	23	18.5	21.6
98th Percentile		73.9	30.0	23.4	27.1
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: September - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
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Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-001

Report Issue Date: 01/10/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	74	26	15.8	22.7
2	05/09/2024	72	24	14.3	18.4
3	11/09/2024	63	18	18.1	24.0
4	12/09/2024	66	19	16.2	21.5
5	19/09/2024	69	21	14.5	20.2
6	20/09/2024	76	24	16.9	20.8
7	25/09/2024	76	23	15.4	19.1
8	26/09/2024	65	19	16.2	22.3
Max.		76	26	18.1	24.0
Min.		63	18	14.3	18.4
98th Percentile		76.0	25.7	17.9	23.8
Permissible Limit (As Per NAAQMS)		100	60	80	80

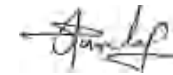
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-002

Report Issue Date: 01/10/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	70	22	18.6	23.4
2	05/09/2024	66	19	17.5	20.2
3	11/09/2024	69	20	16.4	19.8
4	12/09/2024	74	23	19.2	20.2
5	19/09/2024	65	20	13.6	19.7
6	20/09/2024	67	22	15.7	21.2
7	25/09/2024	72	21	16.1	22.3
8	26/09/2024	66	21	15.8	19.5
Max.		74	23	19.2	23.4
Min.		65	19	13.6	19.5
98th Percentile		73.7	22.9	19.1	23.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



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(Chemist)

Authorized By:



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(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-003

Report Issue Date: 01/10/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	65	19	16.4	20.2
2	05/09/2024	70	22	15.2	19.2
3	11/09/2024	66	21	14.7	18.0
4	12/09/2024	62	20	15.3	18.4
5	19/09/2024	69	16	14.1	17.1
6	20/09/2024	61	18	17.2	19.7
7	25/09/2024	67	24	14.8	18.6
8	26/09/2024	62	23	18.3	22.8
Max.		70	24	18.3	22.8
Min.		61	16	14.1	17.1
98th Percentile		69.9	23.9	18.1	22.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Hazardous waste Disposal (April-2024 to September-2024)							
	April-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Disposal Mode
ETP sludge Waste	0	36.39	0	7.31	10.25	0	Common TSDF
Residue	0	0	0	0	0	0	Pre-Processing/Co-Processing
Concentrated ML from Reactor Washing	0	0	0	18.78	0	9.54	Pre-Processing/Co-Processing
Mix Garbage	0	1.86	0	0	0	0	Pre-Processing/Co-Processing
Discarded Containers/Bags	0	0	0.74	0	0	0	Common TSDF
Used Oil	0	0	0	0	0	0	-
Insulation Waste	0	0.85	1.86	1.36	0	0	Common TSDF
Spent Carbon	0	0	0	0	0	0	-
Off-Specification Product	0	6.860	0	14.33	0	0	Pre-Processing/Co-Processing
Non-recyclable Plastic waste/PPE waste/PPE waste/bags/Cotton Waste	0	2.46	3.49	6.89	1.3	0	Common TSDF
Batteries Waste	0	0	0	0	0	0	-
Glass waste	0	0	0	0	0	0	-
Total	0	48.42	6.09	48.67	11.55	9.54	



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A - Amendment)
CCA AMENDMENT NO: H-126209

NO: GPCB/BRCH-B/CCA- 265(3)/ID-62935/

DT: /11/2023

To,
~~M/s. Karti Industries Limited (U-III)~~
Plot no: Z/111/B, SEZ-II, Dahej,
Tal: Vagra, Dist: Bharuch.

SUB: Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.

REF: (1) Your application No. 269311 dated 06/11/2023
(2) CTE No. 124234 dated: 05/04/2023
(3) CCA No. AWH -108077 dated: 12/10/2020 (CCA Fresh)
(4) CCA - Amendment No. AWH -118267 dated: 01/07/2022

This has reference to the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The validity of this order shall be up to 04/03/2025.

1. Specific conditions:

- Unit shall not procure any hazardous waste without obtaining Rule-9 under HOWER-2016 and CTE/CCA -Amendment.
- Unit shall comply with all conditions of EC dated 14/12/2018 and 22/06/2021.
- There shall be no change in raw material, process and product profile.
- Unit shall not carry out any construction activities and production which attracts provisions of Environment Clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.

2. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016

- Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.
- The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 which stands amended as under.

Sr. No.	Name of Haz. Waste	Category Number	Quantity, MT/Year			Facility
			Exl.	Pro.	Total	
1	ETP Waste	35.3	280	0	280	Collection, Storage, Transportation and send common TSDF Site.

2	Discarded containers/bags	33.1	20	0	20	Collection, Storage, Decontamination/ detoxification and send to authorized decontamination facility.
3	Used Oil	5.1	2.4	0	2.4	Collection, Storage, Transportation and send to authorized reprocesses/Recyclers.
4	Spent Carbon	36.2	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
5	Residue	26.1	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
6	Concentrated ML from rector tank & equipment washing	26.1	0	94	94	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
7	Spent Solvent	26.4	0	38	38	
8	Off specification product	26.1	24	0	24	
9	Non-recyclable plastic waste/PPEs Waste/Bags/cotton/paper waste	33.1	50	--	50	Collection, Storage, Transportation and send to common TSDF Site.
10	Packaging material decontamination & detoxification	34.1	0	45	45	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.

Note: Insulation waste- 20 TPA and Batteries waste- 50 Nos./Annum shall be managed/ disposed as per applicable prevailing rules/ notification amended from time to time.

3. All other conditions of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 shall remain unchanged.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M.R. Macwana)
Unit Head- Bharuch



BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

30TH MARCH, 2022

To,
AARTI INDUSTRIES LIMITED (UNIT-3)
PLOT NO. Z/111/B,
DAHEJ SEZ II, TAL: VAGRA,
DIST: BHARUCH, DAHEJ.

Sub: Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of **BEIL INFRASTRUCTURE LIMITED** (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Ankleshwar. You have booked quantity of **49 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/BD/123**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For, BEIL INFRASTRUCTURE LIMITED


AUTHORISED SIGNATORY



30TH MARCH, 2022

TO,
AARTI INDUSTRIES LIMITED (UNIT-3)
PLOT NO. Z/111/B,
DAHEJ SEZ II, TAL: VAGRA,
DIST: BHARUCH, DAHEJ.

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 **353 MT/Year**. You have also paid your capacity commitment charges. Your Membership No. is **OTH/986**.

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:** 830992 MT
- 4) **Spare Capacity:** 1069008 MT

Thanking you,

Yours faithfully,

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

AUTHORISED SIGNATORY



DETOX INDIA
operated by  **VEOLIA**

Certificate

Certificate No.: 130000485

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (U-III)

PLOT NO:Z/111/B,
SEZ II DAHEJ,
TAL:VAGRA,

BHARUCH
is a valid member of

DETOX INDIA PRIVATE LIMITED

for

Integrated Common Hazardous Waste Management Facility

This membership is valid for a period of

5 Years

Date of Issue : 11.02.2021

Date of Expiration : 10.02.2026

Place of Issue : Surat

For, Detox India Private Limited

Director

SUBJECT TO SURAT JURISDICTION

Detox India Private Limited

(Formerly : Ankleshwar Cleaner Process Technology Centre Pvt. Ltd.)

R.S.No. : 418, VIII : Juna Kataria, B/h. Gail Pump Station, Samakhiali-Radhanpur Highway, Tal. : Bhachau, Dist. : Kutch-370 150 (Guj.) INDIA

Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat-395 002 (Guj.) INDIA

Ph. : +91 261 2351248, 2346181, E-mail : info@detoxindia.com | CIN : U90000GJ2010PTC060122



Certificate

Certificate No.: 130000485

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (U-III)

PLOT NO:Z/111/B,
SEZ II DAHEJ,
TAL:VAGRA,

BHARUCH
is a valid member of

SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for

Integrated Common Incineration Facility

This membership is valid for a period of

5 Years

Date of Issue : 11.02.2021

For, Saurashtra Enviro Projects Pvt. Ltd.

Date of Expiration : 10.02.2026

Place of Issue : Surat

Director

SUBJECT TO SURAT JURISDICTION

Compliance of EMP Conditions

Sr. No.	Conditions	Compliance
Construction Phase		
i	Site Preparation	
1	Uplift of dust during the excavation, leveling operations etc. Control Measure: Sprinkling of water over land, and provision of enclosure.	Complied Regular sprinkling of water over land, and provision of enclosure done for dust reduction in workplace
ii	Sanitization	
1	Sanitization facilities. Control Measure: Sewage will be sent to soak pit.	Complied Sewage water is now treated in the STP plant.
iii	Noise	
1	Movement of vehicles like truck, Dozer, Cranes. Control Measure: Restrict movement of vehicle between 10 p.m. to 6 a.m. All vehicles will be maintained in well condition	Complied Restrict movement of vehicle between 10 p.m. to 6 a.m. All vehicles are maintained in well condition
2	Construction activity. Control Measure: Engineering control, Provide noise protection devices like earmuffs, ear plug to worker, Rotation of work to minimize exposure.	Complied Engineering control, noise protection devices like earmuffs, ear plug to worker, Rotation of work are provided to minimize exposure.
iv	Wastes from construction equipment	
1	Dozer, Cranes Control Measures: Avoid spillage, proper storage, disposal by selling to reprocessor.	Complied Unit has avoided spillage, proper storage, disposal by selling to reprocessor.
2	Painting Control Measures: Proper storage, disposal by selling to authorized buyers/incineration.	Complied Unit has properly stored and disposed to authorized buyers/incineration.
3	Construction. Control Measures: Use for leveling purpose within premises	Complied Use has used leveling purpose for filling of low lying area.
Operation Phase		
A.	Air Environment	
1	Flue Gas Emissions: Unit shall provide acoustic enclosure and adequate stack height for D.G Set	Complied Unit has provided acoustic enclosure and adequate stack height for D.G Set
2	Process Gas Emissions: Unit shall provide APCM and adequate stack height for control of process gaseous emissions	Complied. Unit has provided a scrubber system and adequate stack height to all process gas emissions.
3	Fugitive Emissions:	Complied
B.	Water Environment	
1	Water Consumption The total water consumption of the proposed new unit will be 1429 KL/day. Out of the total water of 1429 KLD, fresh water will be 1253 KLD (Domestic requirement will be 47 KLD and industrial requirement will be 1262 KLD).	Agreed Unit will ensure, the permitted water consumption value will not be exceeded.
2	Wastewater Generation: Total waste water generation shall not exceed permissible limit	Agreed Unit will ensure, the permitted wastewater generation value will not be exceeded.
C.	Noise Environment	
1	Transportation activities Control Measures: a. Green belt, Restriction on transportation between 08 p.m. to 9 a.m., Maintain vehicle in good condition.	Agreed Unit had initiate the development of the green belt area. already unit is restricting on transportation between 08 p.m. to 9 a.m.,and maintaining vehicle in good condition.
2	D.G. Set Control Measures: a. Acoustic enclose, Engineering control, b. Provision of PPE, Green belt,	Complied Provided acoustic enclose, Engineering control in D. G. Set for preventing noise pollution
3	Plant/Process area	Complied
D.	Land Environment	

1	Development of greenbelt comprising of appropriately selected species of shrubs and trees. It is recommended that plantation be made on sites, road sides, around waste treatment units.	Complied Green belt developed with appropriate species of shrubs and trees like Gulmohar, Neem and Pelta Farm. Plantation is done on site, road sides, around waste treatment units.
E.	Raw Material and Product Storage Area	
1	Raw materials will be stored in M.S tanks, S.S tank and HDPE Carboys, HDPE bags,etc in sepeerate storage room	Complied Raw materials are stored in M.S tanks, S.S tank and HDPE Carboys, HDPE bags,etc in sepeerate storage room for first phase production will do the same in next phases
2	Separate collection system is provided for collection of spillage material. Impervious layer, RCC roads and flooring is provided to area, where the chemical storage and handling activities is involved	Complied Separate collection system is provided for collection of spillage material. Impervious layer, RCC roads and flooring is provided to area, where the chemical storage and handling activities is involved for first phase production will do the same in next phases
3	Hazardous flammable substances are separately stored within premises. Solvent transfer will be done by pumps. Reactor & solvent handling pump have mechanical seal	Complied Hazardous flammable substances are separately stored within premises. Solvent transfer is done by pumps. Reactor & solvent handling pump which have mechanical seal for first phase production will do the same in next phases
4	The acid tanks will be provided with dyke wall to control spread of leakages.	Complied The acid tanks are provided with dyke wall to control spread of leakages for first phase production will do the same in next phases
F.	Vehicular Pollution Control	
1	All vehicles will be maintained in well condition by regular preventive maintenance to reduce the exhaust level.	Complied All vehicles are maintained in well condition by regular preventive maintenance to reduce the exhaust level. Spark arrestor is used for all vehicles entering the site.
2	Drivers of all vehicles used in the transportation will be trained in transportation of Hazardous chemicals to prevent any accident. Fitness and training test certificate approved by R.T.O to be maintained on the vehicle at all times to ensure transport worthiness.	Complied Unit has developed a checklist which is checked by the security personnel at the entry of material gate. The checklist consists of all the mentioned points which is attached as
G.	Safety Measures to Prevent the Occupational Health Hazards	
1	All reasonably practical measures will be adopted by the unit to minimize the risk of accidents within a chemical manufacturing unit	Complied All reasonable practical measures like: a. Work specified PPEs b. Safety Showers c. Fire extinguishers d. Hydrant tank with circulated networks e. DG Sets etc. are provided to minimize the risk of accidents.
2	All building plans and installations will be as per relevant laws and will be approved by competent authority	Agreed & Complied Unit has considered to construct Green Buildings which will be approved by the competent authority
3	Suitable personnel protective equipments and fire extinguishers at strategic locations and suitable personal protective equipments will be provided	Complied Unit has provided PPEs and Fire Extinguishers at Strategic Locations.
4	Training will be imparted to all workers for all the hazardous process operations within the plant and will be supervised by experienced supervisors	Complied Trainings have been for all workers who deal with hazardous process operations within the plant
5	Flame proof electrical fittings, flame arrestors etc will be installed	Complied Unit has provided Flame proof electric fittings, flame arrestors etc.
6	All the raw materials will be stored in designated storage area equipped with necessary safety features	Complied All the raw materials have been stored in the RM Warehouse and which is equipped with specific safety features.
7	Periodic inspection & testing of pressure vessels, equipments, and machineries will be done.	Complied Regular preventive maintenance and periodic inspection of machines is done by the Unit for first phase of produciton and will do the same for next phases.

8	Good housekeeping will be ensured within the factory premises	Complied Good house keeping is ensured within the factory.
9	All designated staff & workers will be trained for the fire-fighting, work permit system, first aid and safe handballing of hazardous chemicals.	Complied All designated staff & workers are properly trained and regular trainings are provided for fire-fighting, work permit system, first aid and safe handballing of hazardous chemicals.
10	Incident/accident reporting system will be developed and all the employees will be made aware for the same.	Agreed & Comply Unit will report incident or accident to all the employees for their awareness.
11	Suitable notices/boards will be displayed at designated locations indicating appropriate hazard warnings.	Agreed and will Comply Proper boards/notices will be displayed at designated locations indicating hazard warnings.
12	Antidotes as well as MSDS for all the chemicals will be made available within the factory premises.	Complied Antidotes are MSDS are available for all chemicals within company premises.
13	Pre-employment medical checkup at the time of employment will be carried out. In order to safe guard the health of the employees, all the employees undergo periodic health checkup at every six month.	Complied Pre-employment medical checkup at the time of employment is carried out. All the employees undergo periodic health checkup at every six month.
H.	Storm Water Management	
1	The drains for storm water will be kept clean and dry in summer and winter. The storm water drains will be connected to holding tank. The rain water of the premises will be collected in this holding tank through storm water drains. The collected water will be analyzed for any contamination of pollutants for 1st and 2nd rain during monsoon. If analysis indicates any contamination, the collected water will be diverted to ETP plant. In case of no contamination, the collected water will be used in cooling tower and other applications.	Agreed and will comply.
I.	Energy Conservation Programme	Agreed and will comply. 1. Unit has planned to consider the solar panels on the roofs of admin and security buildings. 2. Unit will ensure the Preventive Maintenance of equipments which may cause excess energy expenditure.
j.	Water Conservation Programme	Agreed and will comply Unit has provided ETP and will provide RO & MEE to recycle water which will result in reduction of freshwater consumption. Unit has started the STP operation and sweage water are treated in STP Plant we will reuse the treated water from STP to the gardening purpose. Unit will ensure to provide Stormwater reserrior to reuse water for various industrial purposes.
K.	Management of Traffic	
	Parking space for vehicles will be provided for loading and unloading products. Adequate roads to cater to two way traffic and to meet the fire regulations are planned in the complex.	Complied Unit has provided wide two-way RCC roads for managment of traffic. Proper parking space will be provided for loading and unloading products.
L.	Social Welfare measures for Future Planning	
1	Providing materials and monetary aid to schools, primary health centers, hospitals, sports, clubs and places of worship.	Complied CER & CSR activity has been done by the unit.





Ambient air monitoring station

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: April - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-001

Report Issue Date: 03/05/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NO _x µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	81	28	18.3	27.6
2	04/04/2024	75	24	20.3	25.1
3	11/04/2024	78	26	24.1	22.6
4	12/04/2024	82	31	21.3	25.1
5	18/04/2024	74	23	19.5	23.6
6	19/04/2024	76	24	17.4	24.1
7	23/04/2024	82	32	21.3	25.4
8	24/04/2024	85	35	22.5	28.3
Max.		85	35	24.1	28.3
Min.		74	23	17.4	22.6
98th Percentile		84.6	34.6	23.9	28.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

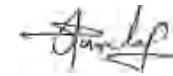
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-002

Report Issue Date: 03/05/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	78	26	20.1	24.3
2	04/04/2024	81	29	24.3	28.6
3	11/04/2024	76	24	22.4	24.1
4	12/04/2024	71	31	18.7	26.2
5	18/04/2024	78	26	21.6	22.6
6	19/04/2024	82	31	22.8	26.8
7	23/04/2024	84	32	23.1	29.6
8	24/04/2024	79	29	18.3	25.7
Max.		84	32	24.3	29.6
Min.		71	24	18.3	22.6
98th Percentile		83.7	31.9	24.1	29.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: May - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
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ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-001

Report Issue Date: 01/06/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NO _x µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	78	27	18.2	21.4
2	03/05/2024	86	30	16.8	21.6
3	09/05/2024	83	28	15.8	20.5
4	10/05/2024	76	25	14.6	18.6
5	14/05/2024	86	29	15.3	21.5
6	15/05/2024	79	26	15.8	22.6
7	21/05/2024	86	30	16.2	20.5
8	22/05/2024	77	26	17.5	21.3
9	28/05/2024	83	28	14.1	18.8
10	29/05/2024	75	24	15.8	22.3
Max.		86	30	18.2	22.6
Min.		75	24	14.1	18.6
98th Percentile		86	30.0	18.1	22.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

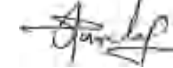
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-002

Report Issue Date: 01/06/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	72	23	16.2	22.5
2	03/05/2024	78	26	14.6	19.8
3	09/05/2024	71	24	13.6	19.2
4	10/05/2024	74	23	15.2	20.3
5	14/05/2024	81	27	16.2	22.1
6	15/05/2024	74	25	16.7	21.2
7	21/05/2024	77	26	17.5	22.6
8	22/05/2024	75	24	14.2	18.5
9	28/05/2024	72	23	15.6	21.4
10	29/05/2024	68	18	16.4	20.8
Max.		81	27	17.5	22.6
Min.		68	18	13.6	18.5
98th Percentile		81	26.8	17.4	22.6
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : May 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/05/AIL-3/A-003

Report Issue Date: 01/06/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	02/05/2024	70	19	15.3	20.4
2	03/05/2024	84	28	15.8	19.2
3	09/05/2024	77	26	17.2	22.5
4	10/05/2024	70	22	18.3	24.2
5	14/05/2024	79	26	14.5	20.2
6	15/05/2024	81	28	13.8	18.3
7	21/05/2024	75	23	14.5	19.5
8	22/05/2024	71	20	16.2	20.6
9	28/05/2024	69	22	12.6	16.5
10	29/05/2024	72	20	13.2	18.3
Max.		84	28	18.3	24.2
Min.		69	19	12.6	16.5
98th Percentile		84	28.0	18.1	23.9
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : April 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/04/AIL-3/A-003

Report Issue Date: 03/05/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/04/2024	69	22	17.8	22.5
2	04/04/2024	75	25	22.4	25.1
3	11/04/2024	77	26	20.3	23.4
4	12/04/2024	80	25	18.7	22.6
5	18/04/2024	76	23	18.4	22.4
6	19/04/2024	68	21	20.3	23.4
7	23/04/2024	75	23	24.2	28.2
8	24/04/2024	71	22	21.8	25.3
Max.		80	26	24.2	28.2
Min.		68	21	17.8	22.4
98th Percentile		79.6	25.9	23.9	27.8
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: June - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-001

Report Issue Date: 05/07/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	69	19	14.2	18.3
2	04/06/2024	74	21	15.3	19.3
3	10/06/2024	68	18	16.8	21.7
4	11/06/2024	66	20	15.9	20.1
5	17/06/2024	72	25	13.8	17.4
6	18/06/2024	64	22	13.2	16.2
7	24/06/2024	70	24	14.6	19.8
8	25/06/2024	65	22	13.2	16.2
Max.		74	25	16.8	21.7
Min.		64	18	13.2	16.2
98th Percentile		74	24.9	16.7	21.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

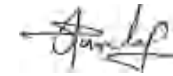
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-002

Report Issue Date: 05/07/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	72	20	13.5	20.2
2	04/06/2024	70	25	16.5	20.8
3	10/06/2024	65	21	18.2	22.5
4	11/06/2024	72	24	12.6	18.3
5	17/06/2024	74	26	15.1	20.2
6	18/06/2024	62	19	15.6	19.4
7	24/06/2024	66	16	18.8	23.5
8	25/06/2024	68	18	15.6	19.4
Max.		74	26	18.8	23.5
Min.		62	16	12.6	18.3
98th Percentile		74	25.9	18.7	23.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : June 2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/06/AIL-3/A-003

Report Issue Date: 05/07/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/06/2024	65	22	12.4	16.6
2	04/06/2024	60	19	13.1	16.2
3	10/06/2024	58	18	15.3	19.4
4	11/06/2024	63	21	13.6	17.5
5	17/06/2024	68	23	16.2	19.8
6	18/06/2024	67	24	16.8	21.5
7	24/06/2024	60	19	14.1	18.3
8	25/06/2024	62	21	16.8	21.5
Max.		68	24	16.8	21.5
Min.		58	18	12.4	16.2
98th Percentile		68	23.9	16.8	21.5
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: July - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
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Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-001

Report Issue Date: 05/08/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	65	22	17.6	25.3
2	04/07/2024	67	23	20.4	24.6
3	12/07/2024	72	25	16.5	23.1
4	13/07/2024	68	26	18.6	27.6
5	17/07/2024	74	31	15.5	20.8
6	18/07/2024	70	29	18.2	23.4
7	26/07/2024	71	26	21.2	26.3
8	27/07/2024	69	22	22.4	25.3
9	30/07/2024	67	19	19.4	22.6
10	31/07/2024	75	28	18.2	23.7
Max.		75	31	22.4	27.6
Min.		65	19	15.5	20.8
98th Percentile		74.8	30.6	22.2	27.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

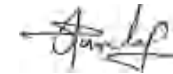
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS:** National Ambient Air Quality Monitoring Standard.3) **RDS:** Respirable Dust Sampler & 4) **FPS:** Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-002

Report Issue Date: 05/08/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	72	24	21.1	24.3
2	04/07/2024	70	25	20.5	26.4
3	12/07/2024	71	28	19.4	25.4
4	13/07/2024	68	26	22.6	28.4
5	17/07/2024	77	31	17.2	22.4
6	18/07/2024	76	29	18.8	24.5
7	26/07/2024	72	29	24.3	27.2
8	27/07/2024	76	30	23.4	25.6
9	30/07/2024	80	32	21.8	23.7
10	31/07/2024	74	27	22.2	26.5
Max.		80	32	24.3	28.4
Min.		68	24	17.2	22.4
98th Percentile		79.5	31.8	24.1	28.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : July-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/07/AIL-3/A-003

Report Issue Date: 05/08/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	03/07/2024	74	21	19.6	22.5
2	04/07/2024	72	22	21.3	24.6
3	12/07/2024	70	26	20.5	23.7
4	13/07/2024	66	27	17.4	26.4
5	17/07/2024	72	29	16.4	22.3
6	18/07/2024	67	24	15.8	20.6
7	26/07/2024	72	25	18.7	24.6
8	27/07/2024	73	28	22.6	23.7
9	30/07/2024	68	22	20.2	27.4
10	31/07/2024	69	23	21.3	25.6
Max.		74	29	22.6	27.4
Min.		66	21	15.8	20.6
98th Percentile		73.8	28.8	22.4	27.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: August - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
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Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QC-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

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Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-001

Report Issue Date: 05/09/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	74	25	17.2	24.2
2	09/08/2024	69	28	20.6	27.3
3	16/08/2024	72	30	19.3	22.4
4	17/08/2024	70	22	16.6	25.6
5	21/08/2024	67	27	18.4	23.5
6	22/08/2024	76	20	17.7	26.2
7	29/08/2024	74	24	21.2	28.1
8	30/08/2024	71	31	20.5	24.4
Max.		76	31	21.2	28.1
Min.		67	20	16.6	22.4
98th Percentile		75.7	30.9	21.1	28.0
Permissible Limit (As Per NAAQMS)		100	60	80	80

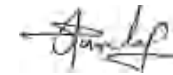
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-002

Report Issue Date: 05/09/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	66	24	16.4	21.3
2	09/08/2024	71	21	20.1	23.5
3	16/08/2024	64	18	17.4	20.2
4	17/08/2024	68	19	18.7	22.7
5	21/08/2024	70	22	14.7	19.6
6	22/08/2024	73	28	19.3	24.2
7	29/08/2024	65	23	20.5	21.6
8	30/08/2024	69	20	16.8	22.4
Max.		73	28	20.5	24.2
Min.		64	18	14.7	19.6
98th Percentile		72.7	27.4	20.4	24.1
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : August-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/08/AIL-3/A-003

Report Issue Date: 05/09/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	08/08/2024	71	25	21.3	23.3
2	09/08/2024	74	29	23.6	25.2
3	16/08/2024	68	30	18.5	21.6
4	17/08/2024	73	23	22.4	26.7
5	21/08/2024	66	24	20.6	27.2
6	22/08/2024	71	29	19.8	23.5
7	29/08/2024	69	26	21.5	26.6
8	30/08/2024	72	30	18.7	22.7
Max.		74	30	23.6	27.2
Min.		66	23	18.5	21.6
98th Percentile		73.9	30.0	23.4	27.1
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

1.0 AMBIENT AIR QUALITY MONITORING REPORT



Period: September - 2024

FOR

**M/s. Aarti Industries Limited., (Unit – 3)
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-001

Report Issue Date: 01/10/2024

Location : AAQM-1 : Near Main Gate

Instrument: RDS (Sr. No. 248 G 2020) & FPS (Sr. No. 434 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	74	26	15.8	22.7
2	05/09/2024	72	24	14.3	18.4
3	11/09/2024	63	18	18.1	24.0
4	12/09/2024	66	19	16.2	21.5
5	19/09/2024	69	21	14.5	20.2
6	20/09/2024	76	24	16.9	20.8
7	25/09/2024	76	23	15.4	19.1
8	26/09/2024	65	19	16.2	22.3
Max.		76	26	18.1	24.0
Min.		63	18	14.3	18.4
98th Percentile		76.0	25.7	17.9	23.8
Permissible Limit (As Per NAAQMS)		100	60	80	80

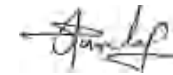
NOTE:1).Ambient Air Monitoring carried out for 24 hours time period , 2). **NAAQMS**: National Ambient Air Quality Monitoring Standard.3) **RDS**: Respirable Dust Sampler & 4) **FPS**: Fine Particulate Dust Sampler.

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-002

Report Issue Date: 01/10/2024

Location : AAQM-2 : Near ETP Plant

Instrument: RDS (Sr. No. 251 G 2020) & FPS (Sr. No. 437 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	70	22	18.6	23.4
2	05/09/2024	66	19	17.5	20.2
3	11/09/2024	69	20	16.4	19.8
4	12/09/2024	74	23	19.2	20.2
5	19/09/2024	65	20	13.6	19.7
6	20/09/2024	67	22	15.7	21.2
7	25/09/2024	72	21	16.1	22.3
8	26/09/2024	66	21	15.8	19.5
Max.		74	23	19.2	23.4
Min.		65	19	13.6	19.5
98th Percentile		73.7	22.9	19.1	23.2
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Ambient Air Quality Monitoring Data
For M/s. AARTI INDUSTRIES LIMITED. (Dahej SEZ Unit-3 Saffron)
Plot No. Z/111/B, Dahej SEZ Part -II, Dahej 392130, Tal. Vagara, Dist. Bharuch, Gujarat.
By – UniStar Environment and Research Labs Pvt. Ltd.

Month : September-2024

DISCIPLINE: CHEMICAL TESTING

NAME OF GROUP: ATMOSPHERIC POLLUTION

Test Report No: UERL/24/09/AIL-3/A-003

Report Issue Date: 01/10/2024

Location : AAQM-3 : Near DMP Plant

Instrument: RDS (Sr. No. 252 G 2020) & FPS (Sr. No. 438 G 2020)

Sr. No.	Date of Monitoring	Parameter with Results			
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	Sox µg/m ³	NOx µg/m ³
		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)
1	04/09/2024	65	19	16.4	20.2
2	05/09/2024	70	22	15.2	19.2
3	11/09/2024	66	21	14.7	18.0
4	12/09/2024	62	20	15.3	18.4
5	19/09/2024	69	16	14.1	17.1
6	20/09/2024	61	18	17.2	19.7
7	25/09/2024	67	24	14.8	18.6
8	26/09/2024	62	23	18.3	22.8
Max.		70	24	18.3	22.8
Min.		61	16	14.1	17.1
98th Percentile		69.9	23.9	18.1	22.4
Permissible Limit (As Per NAAQMS)		100	60	80	80

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

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Hazardous waste Disposal (April-2024 to September-2024)							
	April-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Disposal Mode
ETP sludge Waste	0	36.39	0	7.31	10.25	0	Common TSDF
Residue	0	0	0	0	0	0	Pre-Processing/Co-Processing
Concentrated ML from Reactor Washing	0	0	0	18.78	0	9.54	Pre-Processing/Co-Processing
Mix Garbage	0	1.86	0	0	0	0	Pre-Processing/Co-Processing
Discarded Containers/Bags	0	0	0.74	0	0	0	Common TSDF
Used Oil	0	0	0	0	0	0	-
Insulation Waste	0	0.85	1.86	1.36	0	0	Common TSDF
Spent Carbon	0	0	0	0	0	0	-
Off-Specification Product	0	6.860	0	14.33	0	0	Pre-Processing/Co-Processing
Non-recyclable Plastic waste/PPE waste/PPE waste/bags/Cotton Waste	0	2.46	3.49	6.89	1.3	0	Common TSDF
Batteries Waste	0	0	0	0	0	0	-
Glass waste	0	0	0	0	0	0	-
Total	0	48.42	6.09	48.67	11.55	9.54	



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A - Amendment)
CCA AMENDMENT NO: H-126209

NO: GPCB/BRCH-B/CCA- 265(3)/ID-62935/

DT: /11/2023

To,
M/s. ~~Karti~~ Industries Limited (U-III)
Plot no: Z/111/B, SEZ-II, Dahej,
Tal: Vagra, Dist: Bharuch.

SUB: Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.

REF: (1) Your application No. 269311 dated 06/11/2023
(2) CTE No. 124234 dated: 05/04/2023
(3) CCA No. AWH -108077 dated: 12/10/2020 (CCA Fresh)
(4) CCA - Amendment No. AWH -118267 dated: 01/07/2022

This has reference to the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The validity of this order shall be up to 04/03/2025.

1. Specific conditions:

- Unit shall not procure any hazardous waste without obtaining Rule-9 under HOWER-2016 and CTE/CCA -Amendment.
- Unit shall comply with all conditions of EC dated 14/12/2018 and 22/06/2021.
- There shall be no change in raw material, process and product profile.
- Unit shall not carry out any construction activities and production which attracts provisions of Environment Clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.

2. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016

- Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.
- The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 which stands amended as under.

Sr. No.	Name of Haz. Waste	Category Number	Quantity, MT/Year			Facility
			Exl.	Pro.	Total	
1	ETP Waste	35.3	280	0	280	Collection, Storage, Transportation and send common TSDF Site.

2	Discarded containers/bags	33.1	20	0	20	Collection, Storage, Decontamination/ detoxification and send to authorized decontamination facility.
3	Used Oil	5.1	2.4	0	2.4	Collection, Storage, Transportation and send to authorized reprocesses/Recyclers.
4	Spent Carbon	36.2	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
5	Residue	26.1	12	0	12	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
6	Concentrated ML from rector tank & equipment washing	26.1	0	94	94	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.
7	Spent Solvent	26.4	0	38	38	
8	Off specification product	26.1	24	0	24	
9	Non-recyclable plastic waste/PPEs Waste/Bags/cotton/paper waste	33.1	50	--	50	Collection, Storage, Transportation and send to common TSDF Site.
10	Packaging material decontamination & detoxification	34.1	0	45	45	Collection, Storage, Transportation & send to cement industry for pre/co processing registered with XGN OR send to CHWIF.

Note: Insulation waste- 20 TPA and Batteries waste- 50 Nos./Annum shall be managed/ disposed as per applicable prevailing rules/ notification amended from time to time.

3. All other conditions of the CCA order No: AWH-108077, issued vide letter no. GPCB/ BRCH/ CCA-265(3)/ID-62935/569750, dated 12/10/2020 and further amended dated 01/07/2022 shall remain unchanged.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M.R. Macwana)
Unit Head- Bharuch



30TH MARCH, 2022

To,
AARTI INDUSTRIES LIMITED (UNIT-3)
PLOT NO. Z/111/B,
DAHEJ SEZ II, TAL: VAGRA,
DIST: BHARUCH, DAHEJ.

Sub: Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of **BEIL INFRASTRUCTURE LIMITED** (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Ankleshwar. You have booked quantity of **49 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/BD/123**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For, BEIL INFRASTRUCTURE LIMITED


AUTHORISED SIGNATORY



30TH MARCH, 2022

TO,
AARTI INDUSTRIES LIMITED (UNIT-3)
PLOT NO. Z/111/B,
DAHEJ SEZ II, TAL: VAGRA,
DIST: BHARUCH, DAHEJ.

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 **353 MT/Year**. You have also paid your capacity commitment charges. Your Membership No. is **OTH/986**.

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:** 830992 MT
- 4) **Spare Capacity:** 1069008 MT

Thanking you,

Yours faithfully,

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

AUTHORISED SIGNATORY



DETOX INDIA
operated by  **VEOLIA**

Certificate

Certificate No.: 130000485

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (U-III)

PLOT NO:Z/111/B,
SEZ II DAHEJ,
TAL:VAGRA,

BHARUCH
is a valid member of

DETOX INDIA PRIVATE LIMITED

for

Integrated Common Hazardous Waste Management Facility

This membership is valid for a period of

5 Years

Date of Issue : 11.02.2021

Date of Expiration : 10.02.2026

Place of Issue : Surat

For, Detox India Private Limited

Director

SUBJECT TO SURAT JURISDICTION

Detox India Private Limited

(Formerly : Ankleshwar Cleaner Process Technology Centre Pvt. Ltd.)

R.S.No. : 418, VIII : Juna Kataria, B/h. Gail Pump Station, Samakhiali-Radhanpur Highway, Tal. : Bhachau, Dist. : Kutch-370 150 (Guj.) INDIA

Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat-395 002 (Guj.) INDIA

Ph. : +91 261 2351248, 2346181, E-mail : info@detoxindia.com | CIN : U90000GJ2010PTC060122



Certificate

Certificate No.: 130000485

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (U-III)

PLOT NO:Z/111/B,
SEZ II DAHEJ,
TAL:VAGRA,

BHARUCH
is a valid member of

SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for

Integrated Common Incineration Facility

This membership is valid for a period of

5 Years

Date of Issue : 11.02.2021

For, Saurashtra Enviro Projects Pvt. Ltd.

Date of Expiration : 10.02.2026

Place of Issue : Surat

Director

SUBJECT TO SURAT JURISDICTION

Compliance of EMP Conditions

Sr. No.	Conditions	Compliance
Construction Phase		
i	Site Preparation	
1	Uplift of dust during the excavation, leveling operations etc. Control Measure: Sprinkling of water over land, and provision of enclosure.	Complied Regular sprinkling of water over land, and provision of enclosure done for dust reduction in workplace
ii	Sanitization	
1	Sanitization facilities. Control Measure: Sewage will be sent to soak pit.	Complied Sewage water is now treated in the STP plant.
iii	Noise	
1	Movement of vehicles like truck, Dozer, Cranes. Control Measure: Restrict movement of vehicle between 10 p.m. to 6 a.m. All vehicles will be maintained in well condition	Complied Restrict movement of vehicle between 10 p.m. to 6 a.m. All vehicles are maintained in well condition
2	Construction activity. Control Measure: Engineering control, Provide noise protection devices like earmuffs, ear plug to worker, Rotation of work to minimize exposure.	Complied Engineering control, noise protection devices like earmuffs, ear plug to worker, Rotation of work are provided to minimize exposure.
iv	Wastes from construction equipment	
1	Dozer, Cranes Control Measures: Avoid spillage, proper storage, disposal by selling to reprocessor.	Complied Unit has avoided spillage, proper storage, disposal by selling to reprocessor.
2	Painting Control Measures: Proper storage, disposal by selling to authorized buyers/incineration.	Complied Unit has properly stored and disposed to authorized buyers/incineration.
3	Construction. Control Measures: Use for leveling purpose within premises	Complied Use has used leveling purpose for filling of low lying area.
Operation Phase		
A.	Air Environment	
1	Flue Gas Emissions: Unit shall provide acoustic enclosure and adequate stack height for D.G Set	Complied Unit has provided acoustic enclosure and adequate stack height for D.G Set
2	Process Gas Emissions: Unit shall provide APCM and adequate stack height for control of process gaseous emissions	Complied. Unit has provided a scrubber system and adequate stack height to all process gas emissions.
3	Fugitive Emissions:	Complied
B.	Water Environment	
1	Water Consumption The total water consumption of the proposed new unit will be 1429 KL/day. Out of the total water of 1429 KLD, fresh water will be 1253 KLD (Domestic requirement will be 47 KLD and industrial requirement will be 1262 KLD).	Agreed Unit will ensure, the permitted water consumption value will not be exceeded.
2	Wastewater Generation: Total waste water generation shall not exceed permissible limit	Agreed Unit will ensure, the permitted wastewater generation value will not be exceeded.
C.	Noise Environment	
1	Transportation activities Control Measures: a. Green belt, Restriction on transportation between 08 p.m. to 9 a.m., Maintain vehicle in good condition.	Agreed Unit had initiate the development of the green belt area. already unit is restricting on transportation between 08 p.m. to 9 a.m.,and maintaining vehicle in good condition.
2	D.G. Set Control Measures: a. Acoustic enclose, Engineering control, b. Provision of PPE, Green belt,	Complied Provided acoustic enclose, Engineering control in D. G. Set for preventing noise pollution
3	Plant/Process area	Complied
D.	Land Environment	

1	Development of greenbelt comprising of appropriately selected species of shrubs and trees. It is recommended that plantation be made on sites, road sides, around waste treatment units.	Complied Green belt developed with appropriate species of shrubs and trees like Gulmohar, Neem and Pelta Farm. Plantation is done on site, road sides, around waste treatment units.
E. Raw Material and Product Storage Area		
1	Raw materials will be stored in M.S tanks, S.S tank and HDPE Carboys, HDPE bags,etc in sepeerate storage room	Complied Raw materials are stored in M.S tanks, S.S tank and HDPE Carboys, HDPE bags,etc in sepeerate storage room for first phase production will do the same in next phases
2	Separate collection system is provided for collection of spillage material. Impervious layer, RCC roads and flooring is provided to area, where the chemical storage and handling activities is involved	Complied Separate collection system is provided for collection of spillage material. Impervious layer, RCC roads and flooring is provided to area, where the chemical storage and handling activities is involved for first phase production will do the same in next phases
3	Hazardous flammable substances are separately stored within premises. Solvent transfer will be done by pumps. Reactor & solvent handling pump have mechanical seal	Complied Hazardous flammable substances are separately stored within premises. Solvent transfer is done by pumps. Reactor & solvent handling pump which have mechanical seal for first phase production will do the same in next phases
4	The acid tanks will be provided with dyke wall to control spread of leakages.	Complied The acid tanks are provided with dyke wall to control spread of leakages for first phase production will do the same in next phases
F. Vehicular Pollution Control		
1	All vehicles will be maintained in well condition by regular preventive maintenance to reduce the exhaust level.	Complied All vehicles are maintained in well condition by regular preventive maintenance to reduce the exhaust level. Spark arrestor is used for all vehicles entering the site.
2	Drivers of all vehicles used in the transportation will be trained in transportation of Hazardous chemicals to prevent any accident. Fitness and training test certificate approved by R.T.O to be maintained on the vehicle at all times to ensure transport worthiness.	Complied Unit has developed a checklist which is checked by the security personnel at the entry of material gate. The checklist consists of all the mentioned points which is attached as
G. Safety Measures to Prevent the Occupational Health Hazards		
1	All reasonably practical measures will be adopted by the unit to minimize the risk of accidents within a chemical manufacturing unit	Complied All reasonable practical measures like: a. Work specified PPEs b. Safety Showers c. Fire extinguishers d. Hydrant tank with circulated networks e. DG Sets etc. are provided to minimize the risk of accidents.
2	All building plans and installations will be as per relevant laws and will be approved by competent authority	Agreed & Complied Unit has considered to construct Green Buildings which will be approved by the competent authority
3	Suitable personnel protective equipments and fire extinguishers at strategic locations and suitable personal protective equipments will be provided	Complied Unit has provided PPEs and Fire Extinguishers at Strategic Locations.
4	Training will be imparted to all workers for all the hazardous process operations within the plant and will be supervised by experienced supervisors	Complied Trainings have been for all workers who deal with hazardous process operations within the plant
5	Flame proof electrical fittings, flame arrestors etc will be installed	Complied Unit has provided Flame proof electric fittings, flame arrestors etc.
6	All the raw materials will be stored in designated storage area equipped with necessary safety features	Complied All the raw materials have been stored in the RM Warehouse and which is equipped with specific safety features.
7	Periodic inspection & testing of pressure vessels, equipments, and machineries will be done.	Complied Regular preventive maintenance and periodic inspection of machines is done by the Unit for first phase of produciton and will do the same for next phases.

8	Good housekeeping will be ensured within the factory premises	Complied Good house keeping is ensured within the factory.
9	All designated staff & workers will be trained for the fire-fighting, work permit system, first aid and safe handballing of hazardous chemicals.	Complied All designated staff & workers are properly trained and regular trainings are provided for fire-fighting, work permit system, first aid and safe handballing of hazardous chemicals.
10	Incident/accident reporting system will be developed and all the employees will be made aware for the same.	Agreed & Comply Unit will report incident or accident to all the employees for their awareness.
11	Suitable notices/boards will be displayed at designated locations indicating appropriate hazard warnings.	Agreed and will Comply Proper boards/notices will be displayed at designated locations indicating hazard warnings.
12	Antidotes as well as MSDS for all the chemicals will be made available within the factory premises.	Complied Antidotes are MSDS are available for all chemicals within company premises.
13	Pre-employment medical checkup at the time of employment will be carried out. In order to safe guard the health of the employees, all the employees undergo periodic health checkup at every six month.	Complied Pre-employment medical checkup at the time of employment is carried out. All the employees undergo periodic health checkup at every six month.
H.	Storm Water Management	
1	The drains for storm water will be kept clean and dry in summer and winter. The storm water drains will be connected to holding tank. The rain water of the premises will be collected in this holding tank through storm water drains. The collected water will be analyzed for any contamination of pollutants for 1st and 2nd rain during monsoon. If analysis indicates any contamination, the collected water will be diverted to ETP plant. In case of no contamination, the collected water will be used in cooling tower and other applications.	Agreed and will comply.
I.	Energy Conservation Programme	Agreed and will comply. 1. Unit has planned to consider the solar panels on the roofs of admin and security buildings. 2. Unit will ensure the Preventive Maintenance of equipments which may cause excess energy expenditure.
j.	Water Conservation Programme	Agreed and will comply Unit has provided ETP and will provide RO & MEE to recycle water which will result in reduction of freshwater consumption. Unit has started the STP operation and sweage water are treated in STP Plant we will reuse the treated water from STP to the gardening purpose. Unit will ensure to provide Stormwater reserrior to reuse water for various industrial purposes.
K.	Management of Traffic	
	Parking space for vehicles will be provided for loading and unloading products. Adequate roads to cater to two way traffic and to meet the fire regulations are planned in the complex.	Complied Unit has provided wide two-way RCC roads for managment of traffic. Proper parking space will be provided for loading and unloading products.
L.	Social Welfare measures for Future Planning	
1	Providing materials and monetary aid to schools, primary health centers, hospitals, sports, clubs and places of worship.	Complied CER & CSR activity has been done by the unit.



**PUBLIC LIABILITY ACT POLICY
POLICY SCHEDULE**

Agent/Broker Name -PRUDENT INSURANCE BROKERS PVT. LTD.

Agent/Broker License Code - 291:Agent/Broker :Contact No - 2233066000 (mobile or landline)

Attaching to and forming part of Policy No. 0304011371 00 00
Name of Insured Owner: AARTI INDUSTRIES LIMITED
Business: CHEMICAL MANUFACTURING

Address: 71, UDYOG KSHETRA, 2ND FLR. MULUND-GOREGAON, LINK ROAD,
MULUND (W), MUMBAI
MUMBAI - 400080
MUMBAI
MAHARASHTRA
INDIA
27AABCA2787L1ZC(GSTIN Number)
Place of supply -MAHARASHTRA
State code -27

Territorial limits: Anywhere in India

Policy Period: From: 09/01/2024 12:00 AM/ PM
To Midnight of: 08/01/2025 12:00 AM/ PM

Indemnity limit:Rs 50,000,000.00 in respect of any one accident and not exceeding 3 times thereof in the aggregate during the policy period.

Service Tax Registration No:

Premium	₹ 10,135.94
UGST/SGST @9 %	₹ 912.00
CGST @9 %	₹ 912.00

**Contribution to the
Environment Relief Fund:₹ 10,135.94**

Date of Proposal and declaration:09/01/2024

In witness whereof the undersigned being duly authorized by the company and on behalf of the company has hereto set his hand at MUMBAI on 18/01/2024

The stamp duty of 0.5 paid in cash or demand draft or by pay order,vide Receipt/Challan no: LOA/CSD/01/2023/4269 dated the 25/10/2023

For Tata AIG General Insurance Company Limited



Authorized Signatory

Date :18/01/2024

Place :MUMBAI

**Policy Servicing Office
Tata AIG General Insurance Company Limited**

2ND FLOOR, CITI TOWER, 61, DR. S.S.RAO ROAD,, NEXT TO M.G.M HOSPITAL, PAREL(E), MUMBAI - 400012,MUMBAI,MAHARASHTRA,MUMBAI-400012
Tel No:22-22-62606600

Tata-AIG General Insurance Company Limited



Attached and Forming Part of the Policy Number:- 0304011371 00 00

Location	Location Address
Alchemie Organics	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
AMINE	285,286/1 A 322 12 23 24 NA 40SHED AREA GIDC PHASE II DIST-VALSAD, VAPI 396195
APPLE ORGANICS	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
Baroda	Block number 1, 3rd floor, R S No 3, Keval Corporate Park, Village channi, Baroda-390002 BLOCK NO 5 R S NO 380 VILLAGE CHANNI KEVAL CORPORATE PARK BUILDING T P SCHEME NO 48 FP NO 43/1 OPP CHHANI GEB NEAR PRAKRUTI RESTAURANT BARODA - 391740 PARKWAY REALTY LLP
DAHEJ- NEO	PLOT NO.Z/103/C DAHEJ SEZ II, TAL VAGRA, DIST. BHARUCH, GUJARAT-392130
DAHEJ-DIAMOND	PLOT NO Z-103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130,
DAHEJ-SAFRON	PLOT NO - Z 111 B, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH-392130
NASCENT	PLOT NO. 24, PHASE-I, G.I.D.C., DIST. VALSAD, VAPI 396195
R & D MHAPE/Turbe	PLOT NO A-94/1 MIDC , TTC IND AREA,NAVI MUMBAI - DIST THANE
ACID	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
R & D VAPI - Organic	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
SSP Fertiliser	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Vapi Unit - Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195

3M (New Location)	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110
Jaghadia (Pearl,Ruby, Jade,Gold)	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364 Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 & Survey No. 122 Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat
TARAPUR UNIT -2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar.
Kutch	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8-A, KUTCH BHACHAU, GUJARAT 370140
Mulund	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080
Vikhroli	Tower C, 4th Floor, 247 Embassy Park, LBS Marg, Vikhroli (W), Mumbai- 400083



For Tata AIG General Insurance Company Limited

Authorized Signatory

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

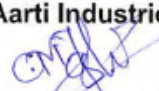
Subject: Submission of documents as advised during discussion.

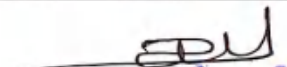
Respected Sir,

This is with reference to the discussion held on 01/07/2023 at Bharuch, Please find following documents as advised.

Sr. No.	Particulars	Status
1	Pressure Vessel testing of all vessels as per RULE61 of GFR 1963.	Total no. of Pressure Vessels : 37 Nos. Testing Completed: 37 Nos. Annexure A: (<u>Summary and List of Pressure Vessels</u>)
2	Third Party Safety Audit Report as per IS 14489:2018 , Its Recommendations & Compliance.	A Third Party Safety audit was conducted on Oct. 22 and compliance report is attached as an Annexure B. Annexure B: (<u>Compliance Report</u>)
3	Updated Onsite Emergency Plan	The Updated Onsite Emergency Plan is attached as on Oct 2022 Annexure C1: (<u>On site emergency plan</u>) Annexure C2: (<u>Office Copy of submitted Onsite Emergency Plan</u>)
4	Workplace area monitoring report , Form No-37	The workplace monitoring is being carried out on a weekly basis at key identified locations. . Annexure D (<u>Workplace Area Monitoring Record</u>)
5	Medical Examination report as per targeted organs	Medical Examination is being conducted periodically. The list of tests are attached for your reference , Sample report is attached Annexure E1 : <u>Medical test Reports</u> Annexure E2 : <u>Sample Periodical Medical Examination Report.</u> Annexure E3 : <u>CIH certificate of FMO.</u>
6	Fire adequacy Study & Report	1. The <u>Provisional Fire NOC</u> was obtained from Bharuch Nagarpalika in Nov. 2019 attached as reference. 2. Compliance as per <u>GFR 1963 Rule 66A</u> . 3. PO Copy of Fire Adequacy study is attached and work will be completed before 30.09.2023. PO NO: <u>4580511386 & 4580511623</u> Annexure F1: <u>Provisional Fire NOC</u> Annexure F2: <u>Compliance report of Rule 66 A</u> Annexure F3: <u>PO copy for Fire Adequacy Study.</u>
7	DISH Circular Compliance	The compliance to DISH circular is attached herewith. Annexure G1 : <u>Compliance Report as per DISH Circular</u> Annexure G2: <u>CO2 Flooding system installation certificate</u>

Thanking You,
For, Aarti Industries Limited,


Charudatta Joshi
(Authorized Signatory)

 14/7/2023
કુનિયર જોશી
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય
ભરૂચ



PESO License No.: P/WC/GJ/15/2711

Classification as per Petrolumn class	Name of material	Volume of tank	Consented Quantity
Class A	Toluene	30 KL	60 KL
	Methenolone	30 KL	
Class B	Diesel	44 KL	41 KL
TOTAL		104 KL	101 KL



भारत सरकार /Government of India
वाणिज्य और उद्योग मंत्रालय /Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो) /Petroleum & Explosives Safety Organisation (PESO)
PESO's ONLINE LICENSING SYSTEM

इमेल /E-mail : explosives@explosives.gov.in
दूरभाष /Phone/Fax No : 0712 -2510248, Fax-2510577
दिनांक/Dated : 30/11/2020

संख्या/No : P/WC/GJ/15/2711(P424841)

सेवा में / To,

M/s. Aarti Industries Ltd,
PLOT NO. 801,801/23, IIIRD PHASE,
VAPI,
Valsad,
District: VALSAD,
State: Gujarat
PIN: 396195

विषय / Sub : License to import and store petroleum in an installation situated at Plot No, Z-111-B, DAHEJ SEZ -II, Vagra, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130, Licence no. P/WC/GJ/15/2711(P424841) granted in Form XV of the Petroleum Rules, 2002 – Online Renewal of Licence regarding.

महोदय / Sir(s),

Please refer to your online renewal application filed in the PESO's online Licensing System on 30/11/2020. The license No. P/WC/GJ/15/2711(P424841) granted under Petroleum Rules, 2002 has been renewed up to 31/12/2025 and PESO's records have been updated accordingly.

The validity of the subject license can be verified by entering Dockey through the Public Domain link available on PESO's website : <http://peso.gov.in>. You are advised to keep this communication attached with your subject original/latest amended license issued by this organisation.

For further renewal, please submit application online on or before the date on which the subject license expires.

This is a system generated online letter which does not require signature and reply to this letter is not warranted.

PESO's ONLINE LICENSING SYSTEM

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्ये 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>)

PESO Online Payment Receipt / Status

Details of the transaction

Transaction Status	SUCCESS
Receipt No.	654202
Application No.	OIN654203
Transaction Reference Number	VICI9514425172
Transaction Date and Time	30-11-2020 13:25:39
Bank Reference Number	2132562846
Rule	Petroleum Rules
Form No. (Purpose)	FORM-XV UG (License to import and store petroleum in Underground tanks only)
Doc Key	P424841
Subject	Self Online Renewal
Licensee Name	M/s. M/s. Aarti Industries Ltd
Transaction Amount ₹	52500.00
Transaction Amount(In Words)	Fifty Two Thousand Five Hundred Rupees
(Payment Receipt is system generated hence No Signature is required.)	

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

अनुज्ञप्ति सं. (Licence No.) : P/WC/GJ/15/2711(P424841)

फीस रूपए (Fee Rs.) 10500/- per year

M/s. Aarti Industries Ltd, PLOT NO. 801,801/23, IIIRD PHASE, VAPI, Valsad, District: VALSAD, State: Gujarat, PIN: 396195 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 101.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/WC/GJ/15/2711(P424841) तारीख 30/11/2020 जो कि इससे उपाबद्ध हैं, 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, PLOT NO. 801,801/23, IIIRD PHASE, VAPI, Valsad, District: VALSAD, State: Gujarat, PIN: 396195 valid only for the importation and storage of 101.00 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/WC/GJ/15/2711(P424841) dated 30/11/2020 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 2025 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2025

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	60.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	41.00 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	101.00 KL

March 9, 2020

For Jt. Chief Controller of Explosives
WC, Mumbai

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: Z-111-B, DAHEJ SEZ -II, Vagra, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130 स्थान पर अवस्थित है तथा उसमें निम्नलिखित 2 Under Ground tank(s) for CLASS A , 1 Under Ground tank(s) for CLASS B 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: Z-111-B, DAHEJ SEZ -II, Vagra, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130** and consists of **2 Under Ground tank(s) for CLASS A, 1 Under Ground tank(s) for CLASS B** together with connected facilities.

document does not require signature.

Note:-This is system generated

अनुज्ञप्ति संख्या-(Licence No.) P/WC/GJ/15/2711 (P424841)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों यानवीकरण की तारीख समाप्ति की तारीख अनुज्ञापन प्राधिकारी के हस्ताक्षर उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी।
Date of Renewal Date of Expiry of license और स्टाम्प
Signature and office stamp of the licencing authority.

This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

1). 30/11/2020 31/12/2025 License Renewed Online

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

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

Online Inward Number : OIN654203

Online Inward Date : 30/11/2020

Application for Self Online Renewal license - License to import and store petroleum in Underground tanks only

FORM IX

(see rules 143,147,148 and 156)

(Documents listed below must be enclosed with this application,if it is for the grant of licence in Forms XIV,XV and XVI or in Special Form)

The replies to be given in this column

- 1 Applicant's name M/s. M/s. Aarti Industries Ltd,
Applicant's calling Aarti Industries Limited
Applicant's full postal address PLOT NO. 801,801/23, IIIRD PHASE ,VAPI ,Valsad ,District:
VALSAD, State: Gujarat PIN: 396195
- 2 Situation of the premises where Petroleum is to be stored
Plot No: Z-111-B, DAHEJ SEZ -II
State Gujarat
District BHARUCH
Taluka Vagra
Town and Village
PIN 392130
Police Station DAHEJ
Nearest Railway Station BARUCH

- 3 Quantity (in liters) of petroleum proposed to be imported and stored

		in Bulk	Not in Bulk	Total
(i)	Petroleum Class A	NIL	NIL	NIL
(ii)	Petroleum Class B	NIL	NIL	NIL
(iii)	Petroleum Class C	NIL	NIL	NIL
Total of all classes of Petroleum		NIL	NIL	NIL

- 4 Quantity (in liters) of petroleum already stored in the premises

		in Bulk	Not in Bulk	Total
(i)	Petroleum Class A	60.00 KL	NIL	60.00 KL
(ii)	Petroleum Class B	41.00 KL	NIL	41.00 KL
(iii)	Petroleum Class C	NIL	NIL	NIL
Total of all classes of Petroleum		101.00 KL	NIL	101.00 KL

- <%-- Number of licence held for the P/WC/GJ/15/2711(P424841) M/s. M/s. Aarti Industries Ltd
5.--%> premises and the full name of the holder of the licence.

I hereby declare that the statements made above have been checked up by me and are true and I undertake to abide by the terms and conditions of the licence which will be granted to me.

Remark

Details of Online Payment :

- (i). No. VICI9514425172 Date 30/11/2020 worth Rs. 52500/- Branch Name :ONLINE

Following below self declaration particulars and hereby agree and certify the same. :

1. I/We hereby confirm that the site whose details are mentioned in the license is under my/our legal / physical possession and have clear right to use the same for storage of petroleum.
I/We hereby confirm that I /We have clear rights to use the site whose details are mentioned above for storage of petroleum. The site is, however, under legal / physical possession of the dealer. (Applicable for dealer owned / controlled sites).
2. I / We hereby confirm that no order whatsoever have been passed towards cancellation of the lease or eviction of the site by any Competent Court of Law.
3. I / We hereby confirm that no litigation / court proceeding are under way in any court of law.

Online Inward Number : OIN654203**Online Inward Date : 30/11/2020**

4. I / We hereby confirm that there is no change in the quantity of petroleum to be stored in the licenced premises.
5. I / We hereby confirm that the lease agreement ; partnership deed/ memorandum and article of association; approval/clearance/permit as applicable from the district / local administrative authorities is valid and in place as on date.
6. I / We hereby confirm that no amendment / addition / alteration of any type has been undertaken in the subject premises without approval of licencing authority; the construction, dimensions, class of petroleum stored and overall site layout of the premises is matching with the approved plan issued along with licence during grant / amendment of licence. If any modification is undertaken in the premises; approval from the respective office shall be sought, in accordance with Act & Rules.
7. I / We hereby confirm that no part or any section of the licenced premises has been sub-let for conducting any type of commercial / non- commercial / residential or any kind of activities. Premises is not being used as a thoroughfare for approaching other premises.
8. I / We also confirm that there is no inspection remark, show cause notice, suspension notice is issued.
9. A valid agreement in between I / We and petroleum supplier exists and is valid as on date.
10. I / We hereby confirm that the No Objection Certificate issued by the District Authority is valid and no order has been issued for Show cause/ suspension / withdrawal of No Objection Certificate.
11. I / We hereby declare that the subject license does not form part of a refinery or cross country pipeline .

If Yes

- I / We hereby declare that the subject license forms part of a refinery / cross country pipeline and the Approval of refinery/ pipeline under Petroleum Rules 2002 is still valid and no order has been issued for Show cause/ suspension / stop order under refinery/ pipeline approval .
12. I hereby certify that the petroleum storage premises conform to all the provisions of the Petroleum Rules and conditions of the license Form XV issued under the Petroleum Rules, 2002.
 13. I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately.
 14. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it and suitable action under the Petroleum Act, 1934 (30 of 1934).

Date of application **30/11/2020**

Signature and designation of the applicant

Annexure-21_EMERGENCY DOCTOR'S/ HOSPITAL CONTACT LIST

	Doctor's Name	Location	Address	Contact No.	Service
1	Dr. Avanika Parmar	Bharuch	14 link bungalows, Behind unnati school ,link road ,Bharuch	7069004371	FMO
2	Dr. Naitik S. Modi	Bharuch	I /303 Shranam Residency ,Zadeshwar Bharuch.	6358920854	FMO

HOSPITAL CONTECT LIST

	Name of Hospitals	Location	Address	Contact No.	Service
1	Baroda heart multispeciality hospital	Bharuch	Panchbatti Bharuch-392001	(02642) 260551, 260552	Multispeciality hospital
2	Eye Q Hospital	Bharuch	Panchbatti Bharuch-392001	02642 261 888	Eye care
3	Healing Touch Multispeciality Hospital	Bharuch	2-3rd Floor R.K.Casta, Behind Supermarket Bharuch-392001	9825306787	Multispeciality hospital
4	Orchid Hospital	Bharuch	Moti Doongri, Bharuch, Gujarat 392001		Multispeciality hospital
5	Palmland Hospital	Bharuch	fulshriti nagar, Bharuch	097378 55550	Multispeciality hospital
6	Apex hospital	Bharuch	Adarsh Market, Panchbatti, Bharuch	(02642)264800	Multispeciality hospital

BLOOD BANK CONTECT LIST

	Name of Blood Bank	Location	Address	Contact No.	Service
1	Kumar Pal Gandhi Blood Bank	Ankleshwar	Circle, Nagar Palika Shopping Center, Near Tin Rasta, Ankleshwar	(02646) 224530	Blood Bank
2	Red Cross Blood Bank	Bharuch	Main Road, Sevashram Hospital Compound Bharuch-392001	(02646)243603, 9427879628	Blood Bank
3	Manav Blood Bank	Bharuch	Golden Plaza, 109, Railway Station Road, Telephone Exchange, Panch Batti, Bharuch - 392001	9327197202	Blood Bank



Photos of two 24*7 Ambulance Van at Site

Saffron-FIRST AID BOX DETAILS

Sr No	Name of Area	FAB No.	Plant Manager	Telephone No.
1	SECURITY OFFICE (MAIN GATE)	AIL/SAF/FAB-01	Ranjit (S/O)	3003
2	ELECTRICAL ROOM (H.T)	AIL/SAF/FAB-02	Sachin Patel	3060
3	QC LAB	AIL/SAF/FAB-03	Dharmendra Chouhan	3023
4	MCC ROOM	AIL/SAF/FAB-04	Sachin Patel	3060
5	DCS ROOM	AIL/SAF/FAB-05	Vijay Kumar Barde	3010
6	DMP ROOM	AIL/SAF/FAB-06	Vijay Kumar Barde	3084
7	ETP/RO OFFICE	AIL/SAF/FAB-07	Vijay Kumar Barde	3080
8	UTILITY	AIL/SAF/FAB-08	RAVI VADIYA	3083
9	PESO TANK	AIL/SAF/FAB-09	Vijay Kumar Barde	3065
10	HR/ADMIN BUILDING	AIL/SAF/FAB-10	Pathik Patel	3110
11	STORE	AIL/SAF/FAB-11	SIDDARTH DOSHI	3057

પ્રાથમિક સારવાર
પેટી અહીં
ઉપલબ્ધ છે.



Aarti Industries Ltd. Dahej (Saffron)	
Emergency Contact No.	
OHC Intercome	3004/3005
OHC	706 9011 583
Ambulance	706 9002 592
Dr.Avanika	706 9004 371
Dr.Naitik Modi	635 8920 854
NDO/DDO	706 9002 335

External Hospital Tie UP Contact No.			
Sl. No.	Name of Hospital	Address of Hospital	Contact No.
1
2
3
4
5
6
7
8
9
10

- SC24265
- M79

Aarti Industries Limited
Training/Meeting Attendance Sheet



Session Title:		Sustainability One Day Mandatory Training				
Date:	29/07/2024	Duration:	8 Hrs			
Site:	Dahej	Division/Plant:	All			
Trainer:	Manish Pandey, Hiten Patel					
Sr. No.	Employee Code	Name	Designation	Function	Division	Signature
1	59000769	Vishal Jashi	Fire	Safety	Diamond	V. Jashi
2	59000686	Sufiyam Indiyaly	Male nurse	Safety	Saffron	[Signature]
3	59000819	Shammi Patel	Fire	Safety	Diamond	[Signature]
4	59000339	Kavi Upadhyay	Fireman	Safety	Neo	[Signature]
5	59001557	Zubeen Kaur	mech	TECH	Diamond	[Signature]
6	59001279	Sansay. Rathod	MECH	mech	Diamond	[Signature]
7	59000578	Lati F. R. Raw	DCS Operator	Process	Diamond	[Signature]
8	59000749	Gohil kishor P	MECH	MECH	Diamond	[Signature]
9	59001800	Yamin Bapu	Tech	mech.	Diamond	[Signature]
10	59001833	Ahix Jaimish M	Tech	mech	Diamond	[Signature]
11	59001108	Chirag Machhi	Tech	Mech	"	Machhi C.M
12	59000260	Hitesh Jashi	OPP.	E.T.P.	Neo	[Signature]
13	59001822	Irfan munsoni	OPA	E.T.P.	Diamond	[Signature]
14	59001929	Bhramit Chauhan	Tech	Instrumentation	Diamond	[Signature]
15	59001797	Ratel Rajiv	A.T	Utility (mech)	Saffron	[Signature]
16	59000411	Saurabh Kumar	Sr. Tech.	MECH.	Diamond	[Signature]
17	59001181	Chauhan Ajay	Tech	mech	Diamond	[Signature]
18	59001143	Yatin Muchhi	Sr. Tech	"	"	[Signature]
19	59001687	ANKUR PATEL	TECH	"	"	[Signature]
20	590					
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Remarks:						
Sign of HR	[Signature]			Sign of Faculty	Hiten - [Signature]	

[Signature]

Hiten - [Signature]

[Signature]

	Total Nos. of workers examined in the period April-24 to September-24
Company employees	78
Contract employees	53

Nos. of medical tests that are conducted during medical examination	
1	Physical examination
2	Hematology
3	Biochemistry
4	Urine analysis
5	Audiogram
6	Spirometry
7	ECG

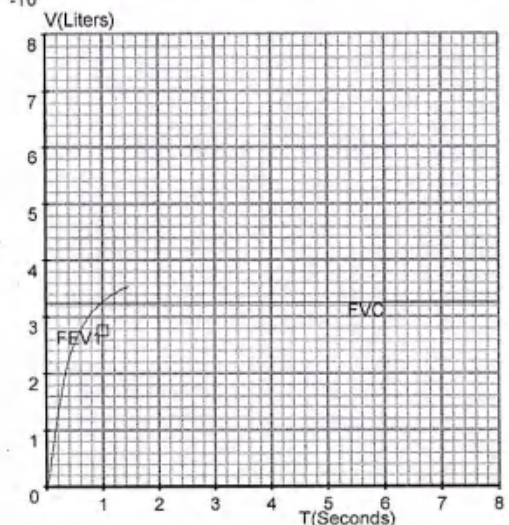
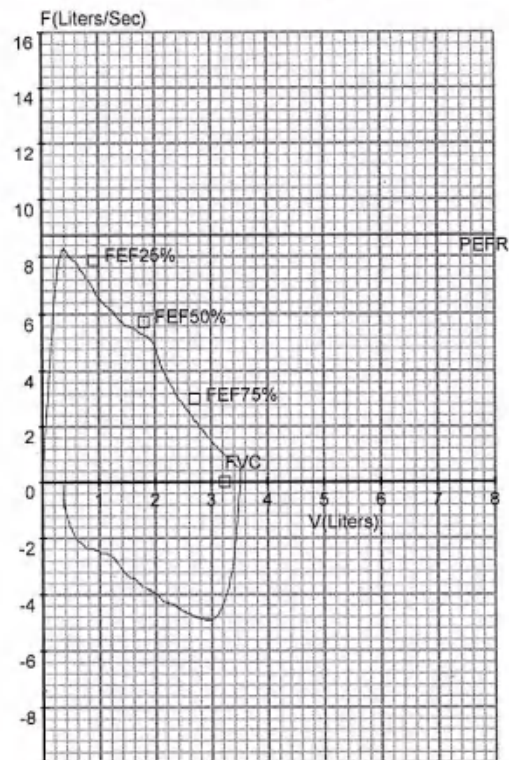


MEDICAL CHECKUP SUMMARY-YEAR-2024

NAME: Jatinkumar Prajapati		AGE: 30	SEX: Male	DATE:18.09.2024	SR NO.A-194			
EMPLOYEE NO.59000113		HEIGHT. 163 CM	WEIGHT:69.0 KG		BMI:26.0			
COMPANY NAME		Aarti Industries Limited, Dahej.-Saffron						
DEPT.Safety Zone 3		DESI. Safety Fireman						
GENERAL EXAMINATION								
PRESENT COMPLAINS: <u>NO</u>		PAST ILLNESS HISTORY: <u>NO</u>						
FAMILY HISTORY: <u>NO</u>		PERSONAL HISTORY: <u>NO</u>						
KNOWN ALLERGY: <u>NO</u>		ADDICTION: <u>NO</u>						
BP: 110/70MMHG		PULSE:60 /MIN						
SYSTEMIC EXAMINATION								
RS.: NAD	CVS: NAD	CNS: NAD	AS- NAD	MUS.SKEL EX.-NAD	DENT.EX.-NAD	SKIN EX.-NAD		
ACUITY OF VISION		RT.EYE	LT.EYE	AUDIOMETRY				
WITHOUT GLASS	DISTANT	6/6	6/6	RIGHT EAR	NA			
	NEAR	N/6	N/6	LEFT EAR	NA			
WITH GLASS	DISTANT			PFT TEST	NORMAL			
	NEAR			X RAY CHEST	NA			
COLOUR BLINDNESS:		NO		ECG TEST	NA			
BLOOD TEST								
HB	13.1	g/dl	CREATININE	1.06	Mg/dl	RBS	101	Mg/dl
WBC	6310	/Cmm	UREA	25.98	Mg/dl	SGPT	22.26	U/L
PLATELET	258000	/Cmm	URIC ACID	5.37	Mg/dl	SGOT	22.91	U/L
BILIRUBIN	1.2	Mg/dl				A. PHOSPATE	64.3	U/L
DIRECT	0.4	Mg/dl	METHAEMOGLOBIN	0	%	GGT	17.00	U/L
INDIRECT	0.8	Md/dl	URINE PHENOL	0	MG PHENOL/GM CREATININE			
URINE TEST	GLUCOSE	Nil	mg/dl	U. BILIRUBIN	Nil	RED BLOOD CELL	Nil/HPF	
	PROTEIN	Nil	Gm/dl	UROBILINOGEN	Nil	PUS CELL	1 - 3/hpf/HPF	
REMARK:	NIL							
ADVICE:	NIL							
HE/SHE HAS NOT BEEN FOUND SUFFERING FROM ANY INFECTION/CONTAGIOUS DISEASE/OPEN WOUND OR FEVER AT THE TIME OF EXAMINATION.HE /SHE IS FIT FOR DUTY.								

DR. JAYESH M PATEL
RE NO. G-34998(M.B.B.S, CIH)
FACTORY MEDICAL OFFICER





Parameter	Pred	Pre	Pre%	Post	Post%	Imp%
FVC	[L]	3.24	3.52	109	--	--
FEV1	[L]	2.76	3.29	119	--	--
FEV.5	[L]	--	2.61	--	--	--
FEV3	[L]	3.14	--	--	--	--
FEV6	[L]	--	--	--	--	--
PEFR	[L/s]	8.70	8.26	95	--	--
FEF25-75	[L/s]	4.26	5.02	118	--	--
FEF75-85	[L/s]	--	2.04	--	--	--
FEF.2-1.2	[L/s]	7.21	7.00	97	--	--
FEF25%	[L/s]	7.84	7.79	99	--	--
FEF50%	[L/s]	5.74	6.00	105	--	--
FEF75%	[L/s]	3.03	2.59	86	--	--
FEV.5/FVC	[%]	--	73.99	--	--	--
FEV1/FVC	[%]	85.19	93.39	110	--	--
FEV3/FVC	[%]	97.00	--	--	--	--
FEV6/FVC	[%]	--	--	--	--	--
FEV1/FEV6	[%]	--	--	--	--	--
FET	[S]	--	1.39	--	--	--
ExpTime	[S]	--	0.07	--	--	--
LungAge	[Y]	30.00	24.00	80	--	--
FIVC	[L]	--	3.15	--	--	--
PIFR	[L/s]	--	4.93	--	--	--
FIF25%	[L/s]	--	8.41	--	--	--
FIF50%	[L/s]	--	6.54	--	--	--
FIF75%	[L/s]	--	4.49	--	--	--
FIV.5	[L]	--	1.70	--	--	--
FIV1	[L]	--	2.99	--	--	--
FIV3	[L]	--	--	--	--	--
FIV.5/FIVC	[%]	--	53.89	--	--	--
FIV1/FIVC	[%]	--	95.19	--	--	--
FIV3/FIVC	[%]	--	--	--	--	--

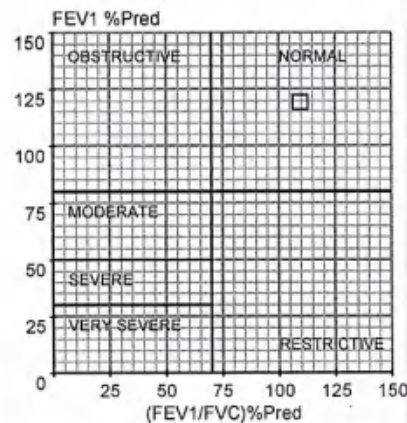
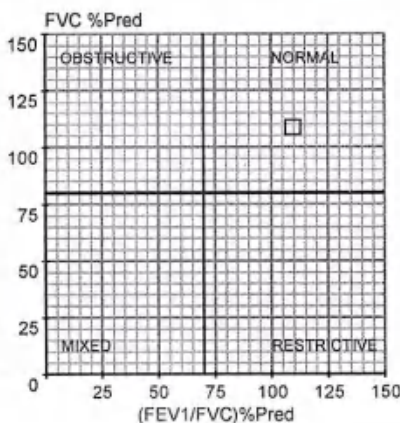
- Pre Medication Report :

Spirometry within Normal range as FVC% >= 80 And FEV1/FVC% > 70

- Pre COPD Severity Report:

COPD Severity within Normal range

- Doctor's Comments :



Dr. Jayesh M. Patel
Reg. No. G-34986 (M.B.B.S.IH)
Factory Medical Officer



TEST REPORT

Name : Mr. Jatinkumar Prajapati A-194
Age/Sex : 30 Years / Male
Ref. By :
Client Name :
Employee ID : 59000113

Reg. No : 409100216
Reg. Date : 18-Sep-2024 07:48 PM
Collected On : 18-Sep-2024 07:53 PM
Printed On :
Department : Safety Fireman

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
CBC			
Hematocrit (Electrical Impedance)	39.90	%	47 - 52
RBC Count (Electrical Impedance)	4.16	million/cm ³	4.7 - 6.0
MCH (Calculated)	31.5	Pg	27 - 31
Lymphocytes (%)	48	%	20 - 45
LFT			
Conjugated Bilirubin	0.4	mg/dL	0.0 - 0.3

Abnormal Result(s) Summary End

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TEST REPORT

Name : Mr. Jatinkumar Prajapati A-194
Age/Sex : 30 Years / Male
Ref. By :
Client Name :
Employee ID : 59000113

Reg. No : 409100216
Reg. Date : 18-Sep-2024 07:48 PM
Collected On : 18-Sep-2024 07:53 PM
Printed On : 23-Sep-2024 10:53 AM
Department : Safety Fireman

Parameter	Results	Unit	Biological Ref. Interval
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COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	13.1	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	L 39.90	%	47 - 52
RBC Count (Electrical Impedance)	L 4.16	million/cmm	4.7 - 6.0
MCV (Calculated)	95.9	fL	78 - 110
MCH (Calculated)	H 31.5	Pg	27 - 31
MCHC (Calculated)	32.8	%	30 - 35
RDW (Calculated)	12.7	%	11.5 - 14.0
WBC Count (Flowcytometry)	6310	/cmm	4000 - 10500
Platelet Count	258000	/cmm	150000 - 450000
MPV	10.4	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT	[%]	EXPECTED VALUES	[Abs]	EXPECTED VALUES
Neutrophils (%)	45	% 42.0 - 75.2	2840 /cmm	
Lymphocytes (%)	H 48	% 20 - 45	3029 /cmm	
Eosinophils (%)	1	% 1 - 4	63 /cmm	
Monocytes (%)	6	% 2 - 8	379 /cmm	
Basophils (%)	0	% 0 - 1	0 /cmm	

PERIPHERAL SMEAR STUDY

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	Reactive lymphocytes are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.



**TEST REPORT**

Name : Mr. Jatinkumar Prajapati A-194
Age/Sex : 30 Years / Male
Ref. By :
Client Name :
Employee ID : 59000113

Reg. No : 409100216
Reg. Date : 18-Sep-2024 07:48 PM
Collected On : 18-Sep-2024 07:53 PM
Printed On : 23-Sep-2024 10:53 AM
Department : Safety Fireman

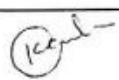
Parameter	Result	Unit	Biological Ref. Interval
Random Blood Sugar (RBS) <i>Glucose Oxidase-Peroxidase</i>	101	mg/dL	70 - 140
Creatinine <i>ENZYMATIC</i>	1.06	mg/dL	0.8 - 1.5
Uric Acid <i>Uricase Colorimetry</i>	5.37	mg/dL	3.5 - 8.5
UREA <i>Urease end point reaction</i>	25.98	mg/dL	16.0 - 43.0

LIVER FUNCTION TEST

SGOT <i>Multipoint-Rate/Uv With P-5-P</i>	22.91	U/L	17 - 59
SGPT <i>Multipoint-Rate/Uv With P-5-P</i>	22.26	U/L	0 - 50
Total Bilirubin <i>Colorimetric method</i>	1.2	mg/dL	0.1 - 1.4
Conjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.4	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.8	mg/dL	0.0 - 1.1
Alakaline Phosphatase <i>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</i>	64.3	U/L	38 - 126
GGT <i>G-glutamyl-p-nitroanilide</i>	17.00	U/L	15 - 73

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Page 3 of 4


Dr.K.R Prajapati
MD.Patho (G-28517)





TEST REPORT

Name : Mr. Jatinkumar Prajapati A-194	Reg. No : 409100216
Age/Sex : 30 Years / Male	Reg. Date : 18-Sep-2024 07:48 PM
Ref. By :	Collected On : 18-Sep-2024 07:53 PM
Client Name :	Printed On : 23-Sep-2024 10:53 AM
Employee ID : 59000113	Department : Safety Fireman

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	20 cc
Colour	Colorless Straw
Clarity	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	5.5	4.6 - 8.0
Sp. Gravity	1.010	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	3 - 4/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

----- End Of Report -----

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ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing

MEDICAL CHECKUP SUMMARY-YEAR-2024

NAME: BINDRESH		AGE: 28	SEX: M	DATE:20.09.2024	SR NO.CONT-A213			
EMPLOYEE NO.9301400007		HEIGHT. 172 CM	WEIGHT:66.0 KG		BMI:22.3			
COMPANY NAME		Aafti Industries Limited, Dahej-Saffion						
CONT-M B ENTERPRISES - (Saffron)		DESI. Forclip driver						
GENERAL EXAMINATION								
PRESENT COMPLAINS: <u>NO</u>			PAST ILLNESS HISTORY: <u>NO</u>					
FAMILY HISTORY: <u>NO</u>			PERSONAL HISTORY: <u>NO</u>					
KNOWN ALLERGY: <u>NO</u>			ADDICTION: <u>NO</u>					
BP: 120/80MMHG			PULSE:66 /MIN					
SYSTEMIC EXAMINATION								
RS.: NAD	CVS: NAD	CNS: NAD	AS- NAD	MUS.SKEL EX.-NAD	DENT.EX.-NAD	SKIN EX.-NAD		
ACUITY OF VISION		RT.EYE	LT.EYE	AUDIOMETRY				
WITHOUT GLASS	DISTANT	6/6	6/6	RIGHT EAR		NA		
	NEAR	N/6	N/6	LEFT EAR		NA		
WITH GLASS	DISTANT			PFT TEST		NORMAL		
	NEAR			X RAY CHEST		NA		
COLOUR BLINDNESS:		NO		ECG TEST		NA		
BLOOD TEST								
HB	14.1	g/dl	CREATININE	0.91	Mg/dl	RBS	85	Mg/dl
WBC	9950	/Cmm	UREA	19.57	Mg/dl	SGPT	54.93	U/L
PLATELET	157000	/Cmm	URIC ACID	5.92	Mg/dl	SGOT	40.67	U/L
BILIRUBIN	0.6	Mg/dl				A. PHOSPATE	94.4	U/L
DIRECT	0.2	Mg/dl	METHAEMOGLOBIN	0	%	GGT	70.72	U/L
INDIRECT	0.4	Md/dl	URINE PHENOL	0	MG PHENOL/GM CREATININE			
URINE TEST	GLUCOSE	Nil	mg/dl	U. BILIRUBIN	Nil	RED BLOOD CELL	Nil/HPF	
	PROTEIN	Nil	Gm/dl	UROBILINOGEN	Nil	PUS CELL	1 - 3/hpf/HPF	
REMARK:	HIGH SGPT							
ADVICE: PHYSICIAN OPINION								
HE/SHE HAS NOT BEEN FOUND SUFFERING FROM ANY INFECTION/CONTAGIOUS DISEASE/OPEN WOUND OR FEVER AT THE TIME OF EXAMINATION.HE /SHE IS FIT FOR JOB.								

DR. JAYESH M PATEL

RE NO. G-34998(M.B.B.S, CIH)

FACTORY MEDICAL OFFICER



ATHHARV TOXSCREEN

MEDICAL CHECKUP FORM

CODE:CONT-A213

DATE: 20-09-2024

NAME: BINDRESH

AGE: 28

SEX: M

EMPLOYEE NO. 9301400007 DEPT: Saffron DESI. Forclip driver

HEIGHT: 172 CM

WEIGHT: 66 KG

GENERAL EXAMINATION

PRESENT COMPLAINS: *Joint*

PAST ILLNESS HISTORY: *Joint*

FAMILY HISTORY

PERSONAL HISTORY

KNOWN ALLERGY

ADDICTION

BP 120/80 mmHg

PULSE: 66 /MIN

SYSTEMIC EXAMINATION

RS clear S1 + S2 + CNS: ? AS: ?

MUS-SKEL. EX - DENTAL EX - SKIN EX. -

more on noise

ACUITY OF VISION		RT. EYE	LT. EYE				
WITHOUT GLASS	DISTANT	6/6	6/6				
	NEAR	2/6	2/6				
WITH GLASS	DISTANT						
	NEAR						
COLOUR BLINDNESS:		NO					
CLINICAL EXM.	VISION TEST	BLOOD TEST	URINE-PHENOL	PFT	AUDIO	ECG	X-RAY
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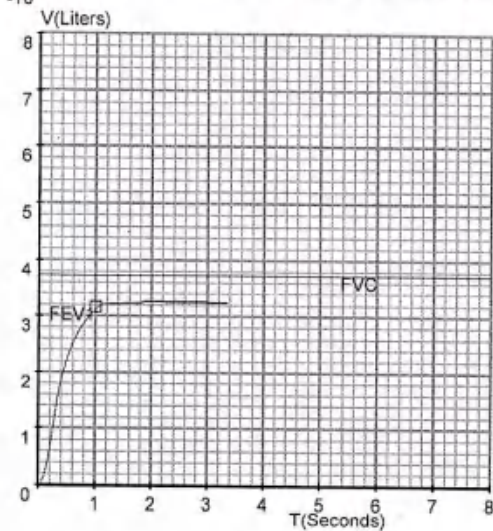
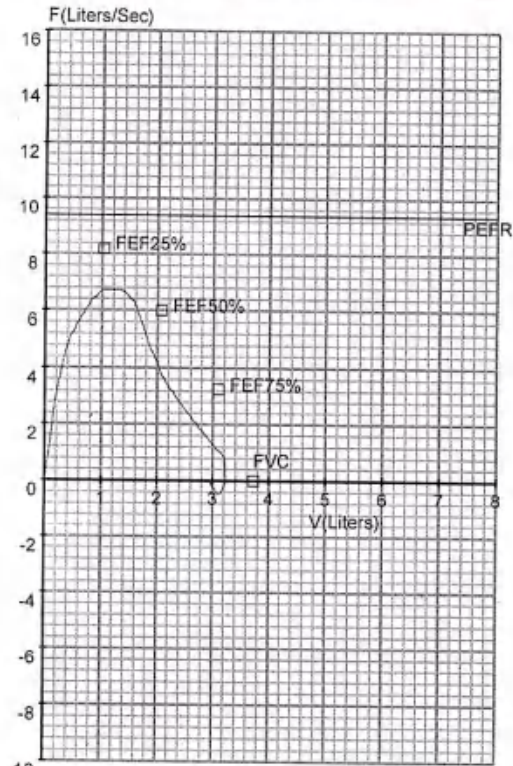


Dr. HARSH B. PATEL
 (MBBS, CIH)
 Reg No. G-81671
 Family and Industrial Physician

CONT-A213 - 9301400007 BINDRESH
28 Years / Male / Ht 172 Cms /66 Kgs / Non-Smoker

FVC TEST
Date: 20-09-2024 (T2)

Pred Eqn : CLARITY Eth.Corr : 100 Temp : 0°C
Ref By : NONE



Parameter	Pred	Pre	Pre%	Post	Post%	Imp%
FVC	[L]	3.72	3.24	87	--	--
FEV1	[L]	3.16	3.21	101	--	--
FEV.5	[L]	--	2.55	--	--	--
FEV3	[L]	3.61	3.21	89	--	--
FEV6	[L]	--	--	--	--	--
PEFR	[L/s]	9.41	6.77	72	--	--
FEF25-75	[L/s]	4.52	5.45	121	--	--
FEF75-85	[L/s]	--	2.35	--	--	--
FEF.2-1.2	[L/s]	7.81	5.60	72	--	--
FEF25%	[L/s]	8.19	7.42	91	--	--
FEF50%	[L/s]	6.03	6.72	111	--	--
FEF75%	[L/s]	3.24	2.84	88	--	--
FEV.5/FVC	[%]	--	78.84	--	--	--
FEV1/FVC	[%]	85.05	99.03	116	--	--
FEV3/FVC	[%]	97.00	99.03	102	--	--
FEV6/FVC	[%]	--	--	--	--	--
FEV1/FEV6	[%]	--	--	--	--	--
FET	[S]	--	3.23	--	--	--
ExpiTime	[S]	--	0.26	--	--	--
LungAge	[Y]	28.00	28.00	100	--	--
FIVC	[L]	--	0.28	--	--	--
PIFR	[L/s]	--	0.48	--	--	--
FIF25%	[L/s]	--	2.05	--	--	--
FIF50%	[L/s]	--	3.27	--	--	--
FIF75%	[L/s]	--	4.12	--	--	--
FIV.5	[L]	--	0.05	--	--	--
FIV1	[L]	--	0.23	--	--	--
FIV3	[L]	--	--	--	--	--
FIV.5/FIVC	[%]	--	16.79	--	--	--
FIV1/FIVC	[%]	--	83.23	--	--	--
FIV3/FIVC	[%]	--	--	--	--	--

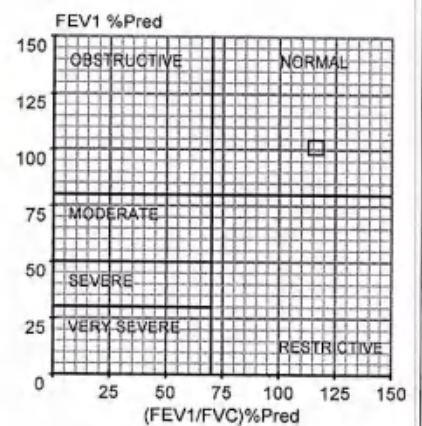
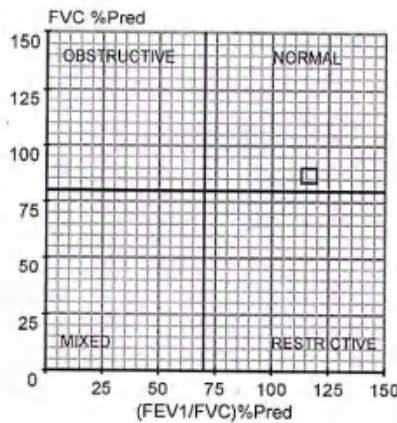
- Pre Medication Report :

Spirometry within Normal range as FVC% >= 80 And FEV1/FVC% > 70

- Pre COPD Severity Report:

COPD Severity within Normal range

- Doctor's Comments :



J Patel
Dr. Jayesh M. Patel
Reg. No. G-34996 (M.B.B.S.,IIM)
Factory Medical Officer



TEST REPORT

Name	: Mr. Bindresh Cont-A213	Reg. No	: 409100414
Age/Sex	: 28 Years / Male	Reg. Date	: 21-Sep-2024 01:07 PM
Ref. By	:	Collected On	: 21-Sep-2024 01:13 PM
Client Name	:	Printed On	:
Employee ID	: 9301400007	Department	: Forclipdrivr

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
CBC			
Hematocrit (Electrical Impedance)	43.20	%	47 - 52
Eosinophils (%)	5	%	1 - 4
LFT			
SGPT	54.93	U/L	0 - 50

Abnormal Result(s) Summary End

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TEST REPORT

Name	: Mr. Bindresh Cont-A213	Reg. No	: 409100414
Age/Sex	: 28 Years / Male	Reg. Date	: 21-Sep-2024 01:07 PM
Ref. By	:	Collected On	: 21-Sep-2024 01:13 PM
Client Name	:	Printed On	: 23-Sep-2024 04:20 PM
Employee ID	: 9301400007	Department	: Forclipdrivr

Parameter	Results	Unit	Biological Ref. Interval
COMPLETE BLOOD COUNT (CBC)			
Hemoglobin (SLS method)	14.1	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	L 43.20	%	47 - 52
RBC Count (Electrical Impedance)	4.92	million/cmm	4.7 - 6.0
MCV (Calculated)	87.8	fL	78 - 110
MCH (Calculated)	28.7	Pg	27 - 31
MCHC (Calculated)	32.6	%	30 - 35
RDW (Calculated)	13.9	%	11.5 - 14.0
WBC Count (Flowcytometry)	9950	/cmm	4000 - 10500
Platelet Count	157000	/cmm	150000 - 450000
MPV	---	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT	[%]	EXPECTED VALUES	[Abs]	EXPECTED VALUES
Neutrophils (%)	59	% 42.0 - 75.2	5871	/cmm
Lymphocytes (%)	32	% 20 - 45	3184	/cmm
Eosinophils (%)	H 5	% 1 - 4	498	/cmm
Monocytes (%)	4	% 2 - 8	398	/cmm
Basophils (%)	0	% 0 - 1	0	/cmm

PERIPHERAL SMEAR STUDY

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	No premature cells are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.



**TEST REPORT**

Name : Mr. Bindresh Cont-A213	Reg. No : 409100414
Age/Sex : 28 Years / Male	Reg. Date : 21-Sep-2024 01:07 PM
Ref. By :	Collected On : 21-Sep-2024 01:13 PM
Client Name :	Printed On : 23-Sep-2024 04:20 PM
Employee ID : 9301400007	Department : Forclipdrivr

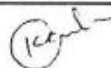
Parameter	Result	Unit	Biological Ref. Interval
Random Blood Sugar (RBS) <i>Glucose Oxidase-Peroxidase</i>	85	mg/dL	70 - 140
Creatinine <i>ENZYMATIC</i>	0.91	mg/dL	0.8 - 1.5
Uric Acid <i>Uricase Colorimetry</i>	5.92	mg/dL	3.5 - 8.5
UREA <i>Urease end point reaction</i>	19.57	mg/dL	16.0 - 43.0

LIVER FUNCTION TEST

SGOT <i>Multi-point-Rate/Uv With P-5-P</i>	40.67	U/L	17 - 59
SGPT <i>Multi-point-Rate/Uv With P-5-P</i>	54.93	U/L	0 - 50
Total Bilirubin <i>Colorimetric method</i>	0.6	mg/dL	0.1 - 1.4
Conjugated Bilirubin <i>Sulpho acid dpl/catt-benz</i>	0.2	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulpho acid dpl/catt-benz</i>	0.4	mg/dL	0.0 - 1.1
Alkaline Phosphatase <i>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</i>	94.4	U/L	38 - 126
GGT <i>G-gutamyl-p-nitroanilide</i>	70.72	U/L	15 - 73

This is an Electronically Authenticated Report.

Page 3 of 4


Dr.K.R Prajapati
MD.Patho (G-28517)



TEST REPORT

Name	: Mr. Bindresh Cont-A213	Reg. No	: 409100414
Age/Sex	: 28 Years / Male	Reg. Date	: 21-Sep-2024 01:07 PM
Ref. By	:	Collected On	: 21-Sep-2024 01:13 PM
Client Name	:	Printed On	: 23-Sep-2024 04:20 PM
Employee ID	: 9301400007	Department	: Forclipdrivr

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	30 cc
Colour	Yellow
Clarity	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	5.0	4.6 - 8.0
Sp. Gravity	1.025	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	8 - 10/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

----- End Of Report -----

This is an Electronically Authenticated Report.



NOISE LEVEL MONITORING REPORT

Test Report No.:	UERL-D/24/06/AIL-3/N-001	Date of Report:	01/07/2024
Name & Address of Customer:	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Location of Sampling / Monitoring:	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

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

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 27/06/2024


DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near DFG Plant Entrance Area	70.2	62.3	75 dB (A)	70 dB (A)
2.	Near DFG Melter Area	67.5	56.5	75 dB (A)	70 dB (A)
3.	New Utility Area	65.6	57.2	75 dB (A)	70 dB (A)
4.	Near ETP Area	66.9	55.4	75 dB (A)	70 dB (A)
5.	Near Material Gate Area	62.2	52.3	75 dB (A)	70 dB (A)

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

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

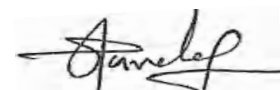
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: July - 2024

FOR

**M/s. Aarti Industries Limited (Unit – 3).
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (31.03.2023 to 22.09.2024)

QCI-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized Environmental
Auditor [Schedule-II]

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

NOISE LEVEL MONITORING REPORT

Test Report No.:	UERL-D/24/07/AIL-3/N-001	Date of Report:	05/08/2024
Name & Address of Customer:	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Location of Sampling / Monitoring:	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

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

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 23/07/2024


DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)		Permissible Limit CPCB	
		Day Time	Night Time	Day Time	Night Time
				75 dB (A)	70 dB (A)
1.	Near DFG Plant Entrance Area	68.7	60.6	75 dB (A)	70 dB (A)
2.	Near DFG Melter Area	65.4	54.7	75 dB (A)	70 dB (A)
3.	New Utility Area	63.6	56.3	75 dB (A)	70 dB (A)
4.	Near ETP Area	65.1	54.7	75 dB (A)	70 dB (A)
5.	Near Material Gate Area	61.7	51.6	75 dB (A)	70 dB (A)

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

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

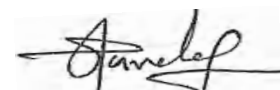
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: August - 2024

FOR

**M/s. Aarti Industries Limited (Unit – 3).
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

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Consultant Organization

GPCB Recognized Environmental
Auditor [Schedule-II]

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

NOISE LEVEL MONITORING REPORT

Test Report No.:	UERL-D/24/08/AIL-3/N-001	Date of Report:	05/09/2024
Name & Address of Customer:	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Location of Sampling / Monitoring:	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

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

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 22/08/2024

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near DFG Plant Entrance Area	66.3	61.3	75 dB (A)	70 dB (A)
2.	Near DFG Melter Area	64.2	55.8	75 dB (A)	70 dB (A)
3.	New Utility Area	62.2	57.1	75 dB (A)	70 dB (A)
4.	Near ETP Area	64.8	55.4	75 dB (A)	70 dB (A)
5.	Near Material Gate Area	62.5	52.6	75 dB (A)	70 dB (A)

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

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

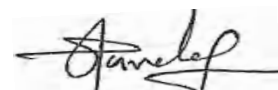
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: September - 2024

FOR

**M/s. Aarti Industries Limited (Unit – 3).
(Saffron SEZ Unit)**

At

**Plot No. Z/111/B, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India.**

Monitoring Organization



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

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Certified Company

ISO 45001 : 2018
Certified Company

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

NOISE LEVEL MONITORING REPORT

Test Report No.:	UERL-D/24/09/AIL-3/N-001	Date of Report:	01/10/2024
Name & Address of Customer:	M/s. AARTI INDUSTRIES LTD. (UNIT – 3 SAFFRON) Plot No. Z/111/B, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Location of Sampling / Monitoring:	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

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

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 26/09/2024

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)		Permissible Limit CPCB	
		Day Time	Night Time	Day Time	Night Time
				75 dB (A)	70 dB (A)
1.	Near DFG Plant Entrance Area	65.4	60.4	75 dB (A)	70 dB (A)
2.	Near DFG Melter Area	63.7	54.6	75 dB (A)	70 dB (A)
3.	New Utility Area	61.6	56.5	75 dB (A)	70 dB (A)
4.	Near ETP Area	63.2	54.2	75 dB (A)	70 dB (A)
5.	Near Material Gate Area	61.8	51.7	75 dB (A)	70 dB (A)

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

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

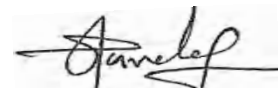
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Unistar NABL Certification No.: TC-7753

		Location									
		Near DFG Plant Entrance Area	Near DFG Melter Area	Near Main Gate	Near ETP Plant	Near Material Gate Area					
Months		Day @ 75 dB (A) Night @70 dB (A)									
Apr-24	Day	Plant under shutdown									
	Night										
May-24	Day										
	Night										
Jun-24	Day						70.2	67.5	65.6	66.9	62.2
	Night						62.3	56.5	57.2	55.4	52.3
Jul-24	Day	68.7	65.4	63.6	65.1	61.7					
	Night	60.6	54.7	56.3	54.7	51.6					
Aug-24	Day	66.3	64.2	62.2	64.8	62.5					
	Night	61.3	55.8	57.1	55.4	52.6					
		Near DFG Plant Entrance Area	Near DFG Melter Area	New Utility Area	Near ETP Plant	Near Material Gate Area					
Sep-24	Day	65.4	63.7	61.6	63.2	61.8					
	Night	60.4	54.6	56.5	54.2	51.7					
Note: N.D.- Not Detected, BDL - Below Detection Limit											



DAHEJ SEZ LIMITED

(A Joint Venture of GIDC & ONGC)

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

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

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

Website : www.dahejsez.com, CIN - U45209GJ2004PLC044779

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

Date: 25th Sep, 2020

To,

✓ Aarti Industries Ltd.

Plot No. Z/103/H,

Dahej SEZ Part-2.

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

Ref.: Your e-mail dated 25.09.2020

Dear Sir,

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

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

Thanking you,

Yours faithfully,

Manager (Infra.)
Dahej SEZ Limited.

Copy to:

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

SEZ PART - II



Approx. Area for
Green Belt development
L B Area
 $350 \text{ m} \times 40 \text{ m} = 14000 \text{ sq.m}$

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

LEGEND		NOTE:
	SEZ BOUNDARY	1. ALL DIMENSIONS ARE IN METER.
	ROAD	2. ANY DISCREPANCY IN THE DRG. OR PLAN MUST BE NOTIFIED TO C.E.O.
	PLOT BOUNDARY	3. NO PART OF THIS PLAN SHOULD BE CHANGED WITHOUT CONSENT OF THE C.E.O.
	UTILITY CORRIDOR	4. THE ROAD WIDTH REFER TO THE ROAD RIGHT OF WAY.
	GIDC ROAD (OUT SIDE SEZ)	5. THE MAP WAS COMPUTERIZED BY S.K. PARMAR ON AUTOCAD IN GIDC Dt. 16/03/1994
	NON PROCESSING AREA	6. THE DEVELOPMENT PLAN WAS MODIFIED IN GIDC Dt. 08/07/2008
	PLOT NUMBER	7. DEVELOPMENT PLAN OF DANESJ SEZ IS MODIFIED BY P&E. Dt. 16/03/1994
	CRZ LINE(V/S)	
	CRZ LINE(R)	

Glimpse of CSR/CER ACTIVITY



AARTI INDUSTRIES LIMITED

CSR/CER fund utilisation



Amount Spent on CSR/CER



Free Dental check-up camp

We started this program on 17 December 2019 in vagra taluka, Dahej...

This program is fully financed by AARTI INDUSTRIES LIMITED and managed by "ASHMITA VIKASH KENDRA TRALSA".

In rural areas , people tend to take less dental care. Most of the diseases can be caused due to lack of dental care, so we came up with the idea of doing this program in all villages of bharuch district..

[News published](#)



Grain kit Distribution at Lakhigam



Due to the inevitable COVID-19 lockdown, daily wages workers are suffering the most. Their work is stopped along with their income. Keeping this in mind, Aarti team visited the nearby Lakhigam and other Village. They identified the villagers who earned their livelihood by means such as selling vegetables and fish, or local shopkeepers. They distributed “Grain Kits”, which consisted of rice, pulses, oil etc. to several houses throughout the village. The Sarpanch of the village and the villagers were very grateful for this contribution.

Greenbelt Development

World Environment Day is celebrated across the world on 5th June in order to create awareness amongst people about the importance of preserving nature and environment.

Aarti, Dahej has initiated to celebrate this occasion jointly with DAHEJ SEZ LIMITED, Dahej. We have invited surrounding industries to take part in this celebration.

We have planted approx 250 trees. We have initiated garden and tree plantations in SEZ , the area is approx 14000 sq mtrs.





Other CSR Activities

- Donated in olympic of physically and mentally challenged children organised by Kalrav school bharuch.
- Providing Teacher to schools in Vagra taluka.
- Donated water cooler to Primary School, Jageshwar.
- Greenbelt developed to nearby places like lighthouse luvara, police station luvara.
- Developed area for birds at Hari Maharaj, Luvara.

Ref.No: AIL/DHJ/SAF/ENV/2024-25/007

ID: 62935

Date: 27/05/2024

To,
Deputy Director General of Forests
Integrated Regional Office (IRO)
Ministry of Environment, Forest & Climate Change (MoEF&CC)
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010

Subject: Regarding the Half-Yearly compliance report for the period of **October-2023 to March-2024**.

Reference: Environment Clearance obtained from SEIAA Gujarat ref No.

SEIAA/GUJ/EC/5(f)/922/2021 dated 22/06/2021

Respected sir,

In respect of the above subject we have received environmental clearance for expansion of the manufacturing plant of synthetic organic chemicals in the name of **Aarti industries Ltd Unit-III (Saffron division) at Plot No. Z/111/B, GIDC Estate, SEZ-II, Dahej, Ta.:Vagra, Dist.** The EC Was received under the category of **synthetic organic chemicals 5(f) speciality chemicals & formulation**.

We would like to submit to you that currently, the Unit has not started project implementation activity (construction activity) which are mentioned in the environmental clearance. We would submit the detailed condition wise EC Compliance report once the project implementation activities are started (i.e. Construction activities).

Post receiving EC with ref, no. **SEIAA/GUJ/EC/5(f)/922/2021**, the unit had complied with the basic condition of informing the public about EC receipt vide English and Gujarati Newspaper on Date 27/06/2021 & 23/06/2021 respectively. Copy of the same is attached herewith as [Annexure-30](#).

Thanking you

For, Aarti Industries Limited

Authorized Signatory

Copy To

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

Ref.No: AIL/DHJ/SAF/ENV/2024-25/009

ID: 62935

Date: 27/05/2024

To,
Deputy Director General of Forests
Integrated Regional Office (IRO)
Ministry of Environment, Forest & Climate Change (MoEF&CC)
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010

Subject: Regarding the Half-Yearly compliance report for the period of **October-2023 to March-2024**.

Reference: Environment Clearance obtained from SEIAA Gujarat ref No.

SEIAA/GUJ/EC/5(f)/1457/2023 dated 21/11/2023

Respected sir,

In respect of the above subject we have received environmental clearance for expansion of the manufacturing plant of synthetic organic chemicals in the name of **Aarti industries Ltd Unit-III (Saffron division) at Plot No. Z/111/B, GIDC Estate, SEZ-II, Dahej, Ta.:Vagra, Dist.** The EC Was received under the category of **synthetic organic chemicals 5(f) speciality chemicals & formulation**.

We would like to submit to you that currently, the Unit has not started project implementation activity (construction activity) which are mentioned in the environmental clearance. We would submit the detailed condition wise EC Compliance report once the project implementation activities are started (i.e. Construction activities).

Post receiving EC with ref, no. **SEIAA/GUJ/EC/5(f)/1457/2023**, the unit had complied with the basic condition of informing the public about EC receipt vide English and Gujarati Newspaper on Date 27/11/2023. Copy of the same is attached herewith as [Annexure-31](#).

Thanking you

For, Aarti Industries Limited

Authorized Signatory

Copy To

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

Ref.No: AIL/DHJ/SAF/ENV/2024-25/008

Date: 27/05/2024

To,
Deputy Director General of Forests
Integrated Regional Office (IRO)
Ministry of Environment, Forest & Climate Change (MoEF&CC)
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:

1. Environment Clearance letter no SEIAA/GUJ/EC/5(f)/1360/2018 dated 14/12/2018
2. Environment Clearance letter no SEIAA/GUJ/EC/5(f)/922/2021 dated 22/06/2021
3. Environment Clearance Letter no SEIAA/GUJ/EC/5(f)/1457/2023 dated 21/11/2023
4. CTE Amendment No. 124234 dated 05/04/2023, Valid upto. 13/09/2029

Respected Sir,

With reference to the subject cited above, we are enclosing herewith the compliance report (monitoring period October-23 to March-24 as per condition number 100 as mentioned in environment clearance letter No.SEIAA/GUJ/EC/5(f)/1360/2018 dated 14/12/2018 for our project 'Synthetic Organic Chemicals' by M/s. Aarti Industries Limited Plot No. Z/111/B, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

Kindly refer to the Environment Clearance letter no SEIAA/GUJ/EC/5(f)/922/2021 dated 22/06/2021 & SEIAA/GUJ/EC/5(f)/1457/2023 dated 21/11/2023, we have currently, the Unit has not started project implementation activity (construction activity) which are mentioned in the environmental clearance. We would submit the detailed condition wise EC Compliance report once the project implementation activities are started (i.e. Construction activities).

The unit has acquired adjacent plot no. Z/111/C & D and obtained CTE Amendment No. 124234 dated 05/04/2023 for Inorganic product Calcium Chloride (Cacl₂)(Solid) and the same has been attached as **Annexure-1(A)**.

Thanking You

Yours faithfully,
For Aarti Industries Limited



Authorized Signatory

Encl: EC Compliance with Annexures.

Copy To:

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

5/05/24
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

**CC&A Amendment H - 126209 dated 20.11.2023, valid upto 04/03/2025 Compliance for
M/s Aarti Industries Limited (Unit-III) plot No Z/111/B, SEZ-II, Ta. Vagra, Dahej, Dist Bharuch**

Sr. No	Condition	Compliance Status
1.	Consent Order No.: H-126209 date of Issue 20.11.2023	Noted.
Specific Conditions		
a)	Unit shall not procure any hazardous waste without obtaining Rule-9 under HOWR-2016 and CTE/ CCA - Amendment.	Not Applicable. Unit has not received any waste under the Rule-9.
b)	Unit shall comply with all conditions of EC dated 14/12/2018 and 22/06/2021.	Complied.
c)	There shall be no change in raw material, process & product profile.	Noted.
Al	Unit shall not carry out any construction activities and production which attracts provisions of Environment clearance without obtaining EC from competent authority under EIA notification dated 14/09/2006 and amended thereafter.	Complied. Unit has not carried out any construction activities and production which attracts provisions of Environment clearance from competent authority Unit has also submitted a half yearly compliance report for the period of April-2023 to September-2023 submitted on the 30 th November, 2023 to the board.
2. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES,2016		
5.1	Unit shall comply with provisions of Hazardous & other waste (management & Transboundary Movement)Rules-2016.	Noted.

5.2

The condition No.6.2 under authorization for hazardous & other wastes of the CA order No: AWH-108077, issued vide letter no.GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 shall now be read as under.

Complied.

The quantities of different hazardous waste disposed of do not exceed the limit of CCA.

Unit has obtained the waste disposal membership of SEPPL & BEIL respectively.

S r e of Hazardous waste o n	Type/Nam e of Category and Sche dule as per HW Rule s.	Cate gory	Quantity		Disposal Method
			Existin g	Propos ed	
			Total		
1	ETP Waste	35.3 280 0 280			Collection, Storage, Transportation, disposal to TSDF - SEPPL.

	<p>Discarded containers 2 /bags^{33.1 20 0 20}</p> <p>3 Used oil 5.1 2.4 0 2.4</p> <p>4 Spent Carbon^{36.2 12 0 12}</p> <p>5 <u>Residue 26.1 12 0 12</u> Concentrat ed ML from Reactor</p> <p>6 26.1 0 94 94</p> <p>Tank & equipment washing</p> <p>Spent</p> <p>7 Solvent 26.4 0 38 38</p> <p>Off-specifi cation</p> <p>8 Product^{26.1 24 0 24}</p> <p>Non recyclable</p> <p>Plastic waste/PPE</p> <p>9 33.1 50 0 50</p>	<p>Collection, Storage, Decontamination, Disposal by sold to reprocessor /</p> <p>contaminated containers / bags to authorized <u>recyclers.</u> Collection, Storage, Transportation, Disposal by selling to registered re-processors/recycl <u>ers.</u> Collection, Storage, transportation,</p> <p>disposal at CHWIF-SEPPL/Co-p <u>rocessing at RSPL.</u></p> <p>Collection, Storage, transportation, & send to cement industry for pre-/co-processing registered with XGN or send to CHWIF.</p> <p>Collection, Storage, Transportation disposal to</p>	
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	<p>waste/bag s/Cotton waste</p> <p>Packaging Material Decontami 1 34.1 nation & 0 Detoxificat ion</p> <p>TSDf-SEPPL.</p> <p>0. 45 45. Collection, Storage, Transportation & send to cement industry for pre-/co-processing registered with XGN <u>or send to CHWIF.</u></p> <p>Note: Insulation Waste - 20 TPA and Batteries Waste - 50 Nos./Annum shall be managed/ disposed as per prevailing rules/ notification amended from time to time.</p>	
<p>3</p>	<p>All other conditions of the CCA order No: AWH-108077, issued vide letter no. GPCB/BRCH-B/CCA-265/ID-62935 dated 12/10/2020 and further amended dated 01/07/2022 will remain same.</p>	<p>Noted and Complied.</p>