

21st May 2025

AIL/JH/2025/ENV/043

To,

Deputy Director General of Forests (C)
Ministry of Environment Forest and Climate Change,
Integrated Regional Office - Gandhinagar,
Block-3, F-2 Wing, 5th floor, Karmayogi Bhawan,
Near CH-3 Circle, Sector - 10A, Gandhinagar - 382010

Subject: Half Yearly Compliance report to the conditions of Environment Clearance for a period of October 2024 to March 2025.

Reference:

1. SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013
2. SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019

Respected Sir,

With reference to the subject cited above, Unit is enclosing herewith the compliance Report for the period of **October 2024 to March 2025** in respect to the above mentioned References of Environment Clearance and its Amendments for "Expansion of Synthetic Organic Chemical" manufacturing unit at Plot No. 758/1-2-3, GIDC Jhagadia, District: Bharuch, Gujarat.

The Compliance report is supported with required documents.

Thanking you,

Yours Faithfully,

For, Aarti Industries Limited (Unit-I)



Authorized Signatory



Encl : EC Compliance Report with Annexures

Copy to:

1. Email to The Regional Director,
Central Pollution Control Board, Vadodara.
2. The Member Secretary,
Gujarat Pollution Control Board, Gandhinagar.
3. Email to SEIAA, Gujarat.
4. Uploaded in Parivesh, MoEF&CC Portal.

www.aarti-industries.com | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366.

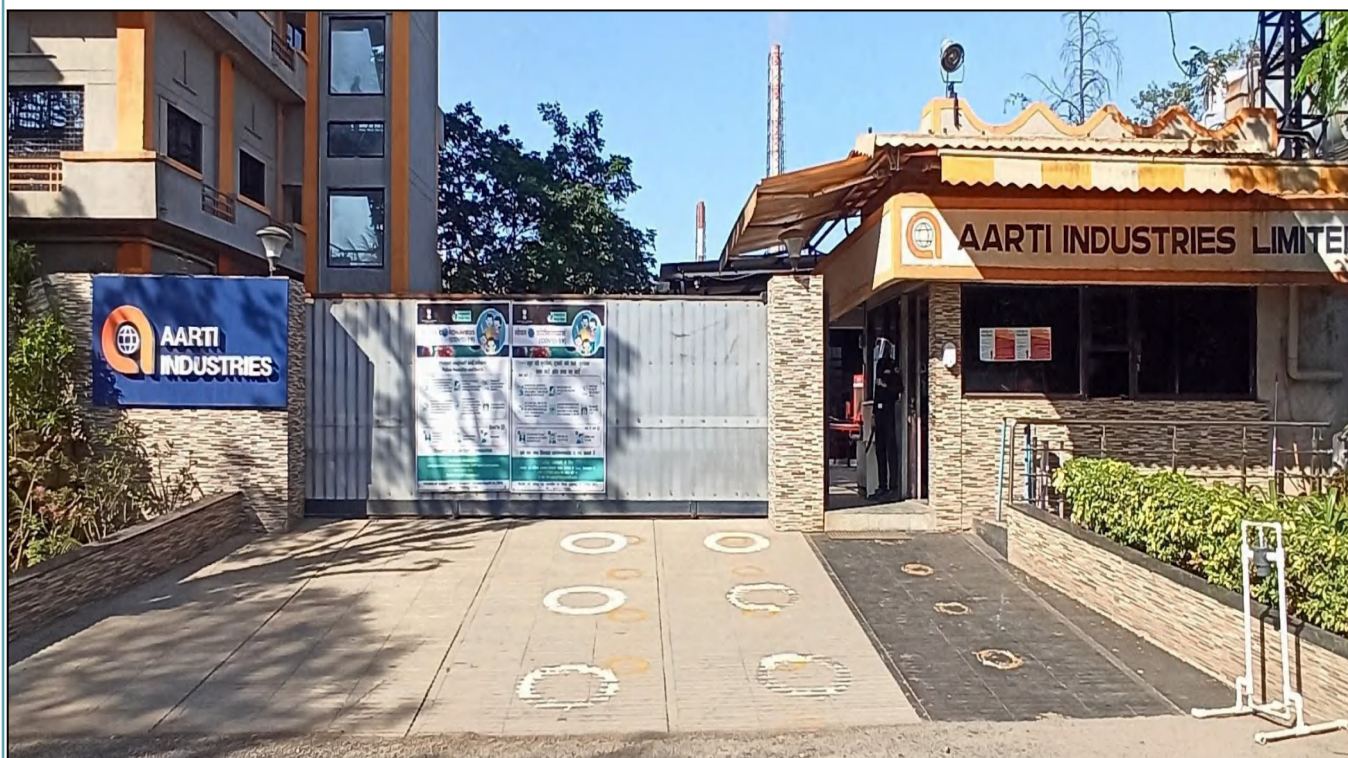
Factory : Plot No. 758 /1, 2 & 3, Survey No. 359 & 360, GIDC Estate, Jhagadia, Taluka. Jhagadia,
Dist. Bharuch, Gujarat - 393110. INDIA. T : 9537011711, 9537011811.

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

EC: SEIAA/GUJ/EC/5(f)/81/2013, dated 22.04.2013
EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

Half-Yearly Environmental Clearance Compliance Report

October 2024 to March 2025



Aarti Industries Limited (Unit-I)

Plot No. 758/1-2-3

GIDC Industrial Estate, Jhagadia 393110

Dist: Bharuch, Gujarat

Environment Clearance Compliance
Report of
EC File No.: SEIAA/GUJ/EC/5(f)/81/2013
dated 22.04.2013

Environmental Clearance Compliance Report - October 2024 to March 2025

EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

Sr. No.	Name of Product	Existing Quantity MT/M	Proposed Quantity MT/M	Total Quantity MT/M	Remarks	Status														
I	Group A : Mono Nitro Derivatives of Benzenes & Chloro Benzene																			
1	Para Nitro Chloro Benzene	3000	0	6000	As per EC, The Unit will manufacture either one product or more than one product from a list of existing products and/ or proposed products @ 6000 MT/M..	<div>Complied</div> <table><thead><tr><th>Month</th><th>Total Production (MT/Month)</th></tr></thead><tbody><tr><td>Oct/24</td><td>5019.905</td></tr><tr><td>Nov/24</td><td>3956.971</td></tr><tr><td>Dec/24</td><td>4895.593</td></tr><tr><td>Jan/25</td><td>4381.928</td></tr><tr><td>Feb/25</td><td>4126.861</td></tr><tr><td>Mar/25</td><td>5649.315</td></tr></tbody></table> <p>The production quantities are well within prescribed limits.</p>	Month	Total Production (MT/Month)	Oct/24	5019.905	Nov/24	3956.971	Dec/24	4895.593	Jan/25	4381.928	Feb/25	4126.861	Mar/25	5649.315
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Feb/25	4126.861																			
Mar/25	5649.315																			
2	Ortho Nitro Chloro Benzene																			
3	Ortho/Para/Meta-Nitro Cumene																			
4	Nitro Benzene																			
5	2,5- Dichloro Nitro Benzene																			
6	3,4- Dichloro Nitro Benzene																			
7	Ortho Nitro Toluene	0	3000																	
8	Meta Nitro Toluene																			
9	Para Nitro Toluene																			
10	Meta Nitro Chloro Benzene																			
11	3,4- Dichloro Nitro Benzene																			
II	Group B : Di Nitro Derivatives of Benzenes & MCB																			
1	Di Nitro Benzene	1500	1500	3000		<div>Complied</div> <table><thead><tr><th>Month</th><th>Total</th></tr></thead></table>	Month	Total												
Month	Total																			
2	Di Nitro Chloro Benzene																			

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

Environmental Clearance Compliance Report - October 2024 to March 2025

EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

						<table><tr><td></td><td>Production (MT/Month)</td></tr><tr><td>Oct/24</td><td>1060.912</td></tr><tr><td>Nov/24</td><td>861.854</td></tr><tr><td>Dec/24</td><td>783.441</td></tr><tr><td>Jan/25</td><td>510.841</td></tr><tr><td>Feb/25</td><td>731.159</td></tr><tr><td>Mar/25</td><td>1050.462</td></tr></table> <p>The production quantities are well within prescribed limits.</p>		Production (MT/Month)	Oct/24	1060.912	Nov/24	861.854	Dec/24	783.441	Jan/25	510.841	Feb/25	731.159	Mar/25	1050.462
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III	Group C : Hydrogenated Products : (Reduction)																			
1	Meta Chloro Aniline	2500	0	5000	In DCA Product, Unit will manufacture 2,3/2,4/2,5/2,6/3,4/3,5 DCA & Mixture of 2:3,2:4/2:4,2:5/2:5,2:6/ DCA & 2:3,2:4,2:5,2:6 DCA As per EC, The Unit will manufacture either one	<table><tr><td></td><td>Total Production (MT/Month)</td></tr><tr><td>Oct/24</td><td>1642.745</td></tr><tr><td>Nov/24</td><td>1667.280</td></tr><tr><td>Dec/24</td><td>1661.191</td></tr><tr><td>Jan/25</td><td>1226.773</td></tr><tr><td>Feb/25</td><td>1336.750</td></tr><tr><td>Mar/25</td><td>1956.190</td></tr></table> <p>The production quantities are well within prescribed limits.</p>		Total Production (MT/Month)	Oct/24	1642.745	Nov/24	1667.280	Dec/24	1661.191	Jan/25	1226.773	Feb/25	1336.750	Mar/25	1956.190
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Mar/25	1956.190																			
2	Para Chloro Aniline																			
3	3,4 Di Chloro Aniline																			
4	2,3 Di Chloro Aniline																			
5	2,5 Di Chloro Aniline																			
6	Meta Phenylene Diamine																			
7	Para Phenylene Diamine																			
8	Ortho Phenylene Diamine																			

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

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9	Ortho Anisidine				product or more than one product from a list of existing products and/ or proposed products @ 5000 MT/M.	
10	Para Anisidine					
11	Chloro Fluoro Aniline					
12	Para Cumidine					
13	Para Amino Phenol					
14	Meta Amino Phenol					
15	Toluidines					
16	Ortho Chloro Aniline	0	2500			
17	2,4 Di Chloro Aniline					
18	2,6 Di Chloro Aniline					
19	3,5 Di Chloro Aniline					
20	Mixer of 2,4/2,5 DCA					
21	Mixer of 2,5/2,6 DCA					
22	Mixer of 2,4/2,5/2,6 DCA					
23	Ortho Cumidine					
24	Meta Cumidine					
25	Meta Anisidine					
26	2,4,5 TrichloroAniline					
28	Para Fluoro Aniline					

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29	Meta Fluoro Aniline																			
30	Ortho Fluoro Aniline																			
31	Di Fluoro Aniline (1:3)																			
32	Di Fluoro Benzene (1:3)																			
33	4-Fluoro-N-Isopropyl Aniline																			
34	4-Chloro-N-Isopropyl Aniline																			
35	Other Reduction Products																			
	Total of Group A,B & C	7000	7000	14000		<div>Complied</div> <table><thead><tr><th>Month</th><th>Total Production (MT/Month)</th></tr></thead><tbody><tr><td>Oct/24</td><td>7723.562</td></tr><tr><td>Nov/24</td><td>6486.105</td></tr><tr><td>Dec/24</td><td>7340.225</td></tr><tr><td>Jan/25</td><td>6119.542</td></tr><tr><td>Feb/25</td><td>6194.770</td></tr><tr><td>Mar/25</td><td>8655.967</td></tr></tbody></table> <div>The production quantities are well within prescribed limits.</div>	Month	Total Production (MT/Month)	Oct/24	7723.562	Nov/24	6486.105	Dec/24	7340.225	Jan/25	6119.542	Feb/25	6194.770	Mar/25	8655.967
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Mar/25	8655.967																			
IV	Group D : Only Physical Separation																			
1	Ortho/Para/Meta	0	450	450	Separation	Complied														

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

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	Chloro Toluene				By Distillation	As per CCA No. AWH-119699 this group is renamed as Group F.														
2	2:3 DCNB/3:4 DCNB	0	550	550	Separation By Distillation	<div>Complied</div> <table><thead><tr><th>Month</th><th>Total Production (MT/Month)</th></tr></thead><tbody><tr><td>Oct/24</td><td>185.300</td></tr><tr><td>Nov/24</td><td>221.535</td></tr><tr><td>Dec/24</td><td>175.540</td></tr><tr><td>Jan/25</td><td>128.000</td></tr><tr><td>Feb/25</td><td>103.700</td></tr><tr><td>Mar/25</td><td>163.047</td></tr></tbody></table> <div>As per CCA No. AWH-119699 this group is renamed as Group F.</div> <div>The production quantities are well within prescribed limits.</div>	Month	Total Production (MT/Month)	Oct/24	185.300	Nov/24	221.535	Dec/24	175.540	Jan/25	128.000	Feb/25	103.700	Mar/25	163.047
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Mar/25	163.047																			
	Total of Group D	0	1000	1000		Complied														

Sr. No.	CONDITIONS	COMPLIANCE STATUS
A	SPECIFIC CONDITIONS:	
A.1	WATER:	
1	Total water requirement for the project shall not exceed 892 KL/day after the expansion and it shall be met through GIDC	Complied. Unit receives water from the GIDC water supply only. No groundwater is extracted.

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

Environmental Clearance Compliance Report - October 2024 to March 2025

EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

	<p>water supply only. No ground water shall be tapped for the project requirements in any case.</p>	<p>Unit has increased the water consumption limit to 1118 KLD as per the CCA No. AWH-119699 dated 29/06/2022 valid up to 07/06/2029 and same is enclosed herewith as Annexure-1.</p> <p>Water Bill from GIDC is enclosed herewith as Annexure-2</p> <p>Total water consumption as per Water Bills is tabulated below:</p> <table><tr><th rowspan="3">Month</th><th colspan="2">Water Consumption</th></tr><tr><th>Total</th><th>Avg</th></tr><tr><th>KL/Month</th><th>KLD</th></tr><tr><td>Oct/24</td><td>33795</td><td>1090.16</td></tr><tr><td>Nov/24</td><td>32938</td><td>1097.93</td></tr><tr><td>Dec/24</td><td>34622</td><td>1116.83</td></tr><tr><td>Jan/25</td><td>34391</td><td>1109.39</td></tr><tr><td>Feb/25</td><td>31243</td><td>1115.82</td></tr><tr><td>Mar/25</td><td>27070</td><td>873.23</td></tr></table> <p>Water consumption is well within consent limits.</p>	Month	Water Consumption		Total	Avg	KL/Month	KLD	Oct/24	33795	1090.16	Nov/24	32938	1097.93	Dec/24	34622	1116.83	Jan/25	34391	1109.39	Feb/25	31243	1115.82	Mar/25	27070	873.23
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2	<p>Total effluent generation from the project shall not exceed 96 KL/day, (91 KL/day of industrial effluent & 5 KL/day of domestic waste water) after the expansion.</p>	<p>Complied.</p> <p>Unit has increased the industrial wastewater generation limit to 216 KLD as per the specific condition No. n) of CCA No. AWH-119699 dated 29/06/2022 valid upto 07/06/2029 and same is enclosed herewith as Annexure-1.</p> <p>Total industrial wastewater generation from is tabulated below:</p> <table><tr><th colspan="3">Industrial Wastewater Generation</th></tr><tr><th rowspan="2">Month</th><th>Total</th><th>Avg</th></tr><tr><th>KL/ Month</th><th>KLD</th></tr><tr><td>Oct/24</td><td>6213</td><td>200</td></tr><tr><td>Nov/24</td><td>5184</td><td>173</td></tr><tr><td>Dec/24</td><td>6111</td><td>197</td></tr><tr><td>Jan/25</td><td>5230</td><td>169</td></tr><tr><td>Feb/25</td><td>6003</td><td>214</td></tr></table>	Industrial Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Oct/24	6213	200	Nov/24	5184	173	Dec/24	6111	197	Jan/25	5230	169	Feb/25	6003	214		
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EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

		<table> <tr> <td>Mar/25</td><td>6413</td><td>207</td></tr> </table> <p>The domestic wastewater generation limit is 5 KLD as per the specific condition No. 1) of CCA No. AWH-119699 dated 29/06/2022 valid upto 07/06/2029 and same is enclosed herewith as Annexure-1.</p> <p>Total domestic wastewater generation from is tabulated below:</p> <table> <tr> <th colspan="3">Domestic Wastewater Generation</th></tr> <tr> <th rowspan="2">Month</th><th>Total</th><th>Avg</th></tr> <tr> <th>KL/ Month</th><th>KLD</th></tr> <tr> <td>Oct/24</td><td>153.71</td><td>4.96</td></tr> <tr> <td>Nov/24</td><td>142.43</td><td>4.75</td></tr> <tr> <td>Dec/24</td><td>141.38</td><td>4.56</td></tr> <tr> <td>Jan/25</td><td>139.72</td><td>4.51</td></tr> <tr> <td>Feb/25</td><td>137.63</td><td>4.92</td></tr> <tr> <td>Mar/25</td><td>151.16</td><td>4.88</td></tr> </table> <p>Wastewater generation is well within the prescribed limits.</p>	Mar/25	6413	207	Domestic Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Oct/24	153.71	4.96	Nov/24	142.43	4.75	Dec/24	141.38	4.56	Jan/25	139.72	4.51	Feb/25	137.63	4.92	Mar/25	151.16	4.88
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Mar/25	151.16	4.88																													
3	There shall be no effluent discharge and the unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground connection disconnected before commencing the expanded production.	<p>Complied.</p> <p>Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019 same is enclosed herewith as Annexure-3.</p> <p>The unit is strictly adhering to Zero Liquid Discharge with an operational RO, MEE and ATFD System.</p> <p>Underground disconnection certificate from GIDC is enclosed herewith as Annexure-4.</p>																													
4	The unit shall install RO system having capacity of 100 KL/Day for 20 hours operation for utility effluent as well as RO system having capacity of 110 KL/Day for 20 hours operation for treated effluent from the ETP	<p>Complied.</p> <p>Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.</p> <p>Unit has installed the RO Systems for Utility Effluent and treated effluent from ETP having a capacity of 500 KLD.</p>																													

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

Environmental Clearance Compliance Report - October 2024 to March 2025

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5	The existing ETP shall be upgraded to treat the increased quantum of effluent after the proposed expansion.	Complied. Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019 Unit has installed a combined ETP, RO, MEE, ATFD, SBT (soil biotechnology) to treat the effluent efficiently.
6	Effluent shall be treated in the upgraded ETP consisting of the primary secondary & tertiary treatment facilities & treated effluent shall be fed to RO system for process effluent	Complied. Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019. Unit has primary, secondary and tertiary treatment facilities and treated effluent is fed to the RO system followed by MEE, ATFD.
7	Permeate Water (62 KL/day) from RO plant for treated effluent shall be completely reused in cooling tower.	Complied. Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019. RO permeate water is fully reused in cooling towers. Summary added in Point No:7 of Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
8	Reject water of (34 KL/day) from RO plant for treated effluent as well as reject water (18 KL/day) from RO plant for utility effluent shall be completely evaporated with the help of on-site MEE	Complied. This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
9	Condensate water from MEE (42 KL/day) shall be completely reused in cooling tower whereas concentrate/residue from MEE (10 KL/day) shall be sent to the Crystalizer/Incinerator	Complied. This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
10	The existing MEE (40 KL/day) shall be upgraded to increase capacity from 40 KL/day to 60 KL/day in order to achieve zero discharge	Complied. This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
11	The unit shall provide metering facility at the inlets and outlets	Complied.

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

Environmental Clearance Compliance Report - October 2024 to March 2025

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	of ETP and maintain the records of the same	This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
12	Proper Logbooks of ETP, RO plants & MEE operations and also showing daily chemical consumptions, power consumption, quantity & quality of effluent evaporated, quantity & quality of effluent reused etc. shall be maintained and furnished to the GPCB from time to time.	<p>Complied.</p> <p>This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.</p>
13	Regular performance evaluation of the ETP, RO Plant & MEE shall be undertaken every year to check its adequacy, through credible institutes like IIT, NPC, L.D. College of Engineering, or such other institutes of similar repute, and its records shall be maintained.	<p>Complied.</p> <p>Unit is regularly carrying out Environmental Audit including Regular performance evaluation of the ETP, RO & MEE from GPCB allotted reputed institutions categorized as Schedule 1 Auditor.</p> <p>Environment Audit for FY-2023-24 was conducted by Shree Dhanvantary College of Engineering & Technology, Environment Audit Laboratory, Kim, Surat. Unit has complied the observations made by the Auditor, which is enclosed herewith as Annexure-6 & evaluation of ETP adequacy along with other Environment Management systems is enclosed herewith as an Annexure-7.</p> <p>Environmental Audit for FY-2024-25 was conducted by M/s R. N. G. Patel Institute of Technology, Bardoli. However, Environment Audit Report for the said period is awaited from the Auditor.</p>
14	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	<p>Complied.</p> <p>Noted, Unit will join & participate.</p>
A.2	AIR:	

M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

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EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

15.	There shall be no additional process vent due to the proposed expansion.	Complied There is no additional process vent.																																																																																																																					
16.	Diesel shall be used as new D. G. Sets (3 no.) proposed to be installed for the expansion. The stack height of the DG Sets shall be equal to the height needed for the combined capacity of all proposed DG Sets.	Complied. Unit is using diesel as fuel in DG Sets. Adequate stack height of 11 m is provided. Unit is carrying out monthly environment monitoring by a MoEF&CC approved and NABL Accredited laboratory. Below are the results of the analysis and are well within the limits. <table><tr><th>DG Name</th><th colspan="3">DG-1</th><th colspan="3">DG-2</th><th colspan="3">DG-3</th><th colspan="3">DG-4</th></tr><tr><th>Parameters</th><th>PM</th><th>SO₂</th><th>NO_x</th><th>PM</th><th>SO₂</th><th>NO_x</th><th>PM</th><th>SO₂</th><th>NO_x</th><th>PM</th><th>SO₂</th><th>NO_x</th></tr><tr><th>CCA Limits</th><td>150 mg/ Nm3</td><td>100 ppm</td><td>50 ppm</td><td>150 mg/ Nm3</td><td>100 ppm</td><td>50 ppm</td><td>150 mg/ Nm3</td><td>100 ppm</td><td>50 ppm</td><td>150 mg/ Nm3</td><td>100 ppm</td><td>50 ppm</td></tr><tr><th>Oct/24</th><td>78.4</td><td>6.6</td><td>40.4</td><td>72.6</td><td>5.8</td><td>36.4</td><td>74.2</td><td>5.8</td><td>39.1</td><td>68.6</td><td>6</td><td>34.2</td></tr><tr><th>Nov/24</th><td>65.2</td><td>5.8</td><td>38.4</td><td>76.4</td><td>6.2</td><td>40.1</td><td>82.1</td><td>7.2</td><td>35.6</td><td>74.6</td><td>5.8</td><td>38.4</td></tr><tr><th>Dec/24</th><td>76.4</td><td>6.6</td><td>40.1</td><td>81.6</td><td>8.2</td><td>35.6</td><td>70.4</td><td>5.8</td><td>32.4</td><td>84.9</td><td>6.6</td><td>41.1</td></tr><tr><th>Jan/25</th><td>70.1</td><td>5.8</td><td>37.2</td><td>73.2</td><td>6.6</td><td>39.4</td><td>77.6</td><td>5.4</td><td>33.8</td><td>81.2</td><td>7.2</td><td>37.3</td></tr><tr><th>Feb/25</th><td>68.4</td><td>5.2</td><td>33.8</td><td>72.2</td><td>7.4</td><td>37.2</td><td>75.1</td><td>6.8</td><td>35.1</td><td>69.4</td><td>5.6</td><td>38.4</td></tr><tr><th>Mar/25</th><td>74.2</td><td>6.4</td><td>37.4</td><td>71.6</td><td>6</td><td>33.9</td><td>78.8</td><td>5.8</td><td>34.6</td><td>73.2</td><td>6.2</td><td>36.2</td></tr></table> Copy of the DG Stack analysis report of Mar'25 is being enclosed as Annexure-8 for your reference.	DG Name	DG-1			DG-2			DG-3			DG-4			Parameters	PM	SO ₂	NO _x	PM	SO ₂	NO _x	PM	SO ₂	NO _x	PM	SO ₂	NO _x	CCA Limits	150 mg/ Nm3	100 ppm	50 ppm	150 mg/ Nm3	100 ppm	50 ppm	150 mg/ Nm3	100 ppm	50 ppm	150 mg/ Nm3	100 ppm	50 ppm	Oct/24	78.4	6.6	40.4	72.6	5.8	36.4	74.2	5.8	39.1	68.6	6	34.2	Nov/24	65.2	5.8	38.4	76.4	6.2	40.1	82.1	7.2	35.6	74.6	5.8	38.4	Dec/24	76.4	6.6	40.1	81.6	8.2	35.6	70.4	5.8	32.4	84.9	6.6	41.1	Jan/25	70.1	5.8	37.2	73.2	6.6	39.4	77.6	5.4	33.8	81.2	7.2	37.3	Feb/25	68.4	5.2	33.8	72.2	7.4	37.2	75.1	6.8	35.1	69.4	5.6	38.4	Mar/25	74.2	6.4	37.4	71.6	6	33.9	78.8	5.8	34.6	73.2	6.2	36.2
DG Name	DG-1			DG-2			DG-3			DG-4																																																																																																													
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Dec/24	76.4	6.6	40.1	81.6	8.2	35.6	70.4	5.8	32.4	84.9	6.6	41.1																																																																																																											
Jan/25	70.1	5.8	37.2	73.2	6.6	39.4	77.6	5.4	33.8	81.2	7.2	37.3																																																																																																											
Feb/25	68.4	5.2	33.8	72.2	7.4	37.2	75.1	6.8	35.1	69.4	5.6	38.4																																																																																																											
Mar/25	74.2	6.4	37.4	71.6	6	33.9	78.8	5.8	34.6	73.2	6.2	36.2																																																																																																											
17.	Coal / lignite to the tune of 1 MT/Hour shall be used as fuel in the new Thermo-pack and adequate stack height as per prevailing norms shall be provided.	Complied. Unit has provided an adequate height of 30m to the thermopack stack as per norms. Thermopack is not in operation as there is no requirement in process.																																																																																																																					
18.	Bag filter shall be provided as an Air Pollution Control System for the new Thermo-pack and it shall be operated efficiently and effectively to achieve the norms prescribed by the GPCB at stack outlets.	Complied. Bag filter is provided as an Air Pollution Control System for the Thermo-pack. Thermopack is not in operation as there is no requirement in process.																																																																																																																					

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19.	Online monitoring system shall also be installed on Thermo-pack stack to monitor the pollutant concentrations. An arrangement shall also be made for reflecting the online monitoring results on the company's server, which can be accessed by the GPCB on real time basis	Complied. Online Continuous Monitoring has been installed on the Thermopack Stack to monitor SPM. The same has been connected to the company's SCADA system and daily reports have been generated and circulated to concerned persons. Thermopack is not in operation as there is no requirement in process.																
20.	The unit shall undertake measures for solvent recovery and adequate reflux condensers shall be provided for controlling escape of low boiling solvents. Solvent recovery shall not be less than 95 percent in any case.	Complied. Adequate reflux condensers with chilled water circulation has been provided and recovery of solvent is more than 95 %. Solvent recovery in the unit is tabulated below: <table><tr><th>Month</th><th>Methanol Recovery %</th></tr><tr><td>Oct/24</td><td>96.99 %</td></tr><tr><td>Nov/24</td><td>97.24 %</td></tr><tr><td>Dec/24</td><td>97.63 %</td></tr><tr><td>Jan/25</td><td>97.04 %</td></tr><tr><td>Feb/25</td><td>96.17 %</td></tr><tr><td>Mar/25</td><td>95.90 %</td></tr><tr><td>Average</td><td>96.83 %</td></tr></table> Solvent recoveries are >95%.	Month	Methanol Recovery %	Oct/24	96.99 %	Nov/24	97.24 %	Dec/24	97.63 %	Jan/25	97.04 %	Feb/25	96.17 %	Mar/25	95.90 %	Average	96.83 %
Month	Methanol Recovery %																	
Oct/24	96.99 %																	
Nov/24	97.24 %																	
Dec/24	97.63 %																	
Jan/25	97.04 %																	
Feb/25	96.17 %																	
Mar/25	95.90 %																	
Average	96.83 %																	
21.	Measures shall be taken to reduce the process vapour emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have a vapour recovery system.	Complied. For reduction of vapor emission, solvents are stored in an underground storage tank with a breather valve and flame arrester. All venting equipment is connected to the vapor recovery system.																
22.	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards	Complied. Unit is monitoring the fugitive emission in the work zone as per the prescribed standards. Unit is maintaining Form 37, prescribed under Rule 12-B. Register containing particulars of monitoring of																

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	prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission:	the working environment required under Section 7 - A (2) (e) is herewith enclosed as Annexure-9 .
a.	All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.	Complied. Unit has installed a covered conveyor belt for coal handling. Photograph of the same is shown below: 
b.	Enclosure shall be provided at coal / lignite loading and unloading operations.	Complied. Enclosure is provided at coal loading and unloading operations & photograph of the same is enclosed in condition no: 22(a).
c.	Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to reduce the fugitive emission.	Complied. Water sprinklers are provided to suppress the dust in the coal and ash handling area to reduce the fugitive emission. Photograph of the same in working condition is shown below:

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d.	All transfer points shall be fully enclosed.	Complied. All ash handling & coal handling areas are fully covered under the shed. Refer photographs enclosed in condition no.22 (a)
e.	Adequate dust suppression/extraction system at crusher house as well as for the coal stock yard shall be provided to abate dust nuisance	Complied. Water Sprinklers are provided to suppress the dust. Refer photographs enclosed in condition no.22 (c)
f.	Accumulated dust on the ground and other surfaces shall be removed / swept regularly and water the area after sweeping.	Complied. The unit is continuously sweeping by using the sweeping machine in the area in order to remove the accumulated dust. 

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g.	Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.	<p>Complied.</p> <p>All the internal roads are concreted & asphalted.</p> 
h.	Air borne coal dust shall be controlled with water sprinklers at suitable locations in the plant.	<p>Complied.</p> <p>Water sprinklers are provided to control the coal dust. Refer photographs enclosed in condition no.22 (c)</p>
i	Coal / lignite shall be transported through covered trucks only whereas fly ash shall be transported through closed trucks only.	<p>Complied.</p> <p>All the coal /Fly ash transported through closed trucks only.</p>
j	A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.	<p>Complied.</p> <p>Green belt area is developed along the boundary wall to mitigate fugitive and transport dust emission.</p>

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23.	Regular performance evaluation of the air pollution control systems shall be undertaken every year to check its adequacy, through credible institutes like IIT, NPC, L.D. College of Engineering or other such other institutes of similar repute, and its records shall be maintained.	<p>Complied.</p> <p>Unit is regularly carrying out Environmental Audit including Regular performance evaluation of the ETP, RO & MEE from GPCB allotted reputed institutions categorized as Schedule 1 Auditor.</p> <p>Environment Audit for FY-2023-24 was conducted by Shree Dhanvantary College of Engineering & Technology, Environment Audit Laboratory, Kim, Surat. Unit has complied the observations made by the Auditor, which is enclosed herewith as Annexure-6 & evaluation of ETP adequacy along with other Environment Management systems is enclosed herewith as an Annexure-7.</p> <p>Environmental Audit for FY-2024-25 was conducted by M/s R. N. G. Patel Institute of Technology, Bardoli. However, Environment Audit Report for the said period is awaited from the Auditor.</p>
24.	Regular monitoring of ground level concentration of HCl, SO ₂ , NO _x , PM ₁₀ and PM _{2.5} 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 Gujarat Pollution Control Board. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be	<p>Complied.</p> <p>Unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF&CC approved and NABL Accredited laboratory</p> <p>The monitoring of SO₂, NO_x, PM₁₀ and PM_{2.5} is carried out for 24 hours (4-hourly sampling for gaseous pollutants and 8-hourly sampling for particulate matter) with a frequency of twice a week at 3 specific locations, to have 104 observations in a year. The results of the analysis are provided in the following table. Ambient Air Monitoring Report of March'25 is enclosed herewith as Annexure-10, for reference. All values are well within the</p>

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provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with GPCB.	limits.				
	Near Main Gate				
	Month	PM10	PM2.5	SO ₂	NO _x
		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3
	Oct/24	81.2	29.5	19.4	22.4
	Nov/24	85.6	34.2	20.8	24.5
	Dec/24	82.3	31.8	21.4	24.5
	Jan/25	80.3	30.4	24.2	25.7
	Feb/25	83.2	28.2	22	24.1
	Mar/25	81.5	31.6	20.2	24.1
	Near Emergency Gate				
	Month	PM10	PM2.5	SO ₂	NO _x
		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3
	Oct/24	83.1	29.4	21.6	24.1
	Nov/24	79.6	32.5	20.9	23.4
	Dec/24	78.3	30.3	20.9	23.2
	Jan/25	81	29.3	23.4	25.6
	Feb/25	79.5	29.7	23.9	26.8
	Mar/25	79.8	30.3	21.6	25.3
	Near ETP Expansion Area				
	Month	PM10	PM2.5	SO ₂	NO _x
		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3
	Oct/24	80	28	19.8	22.9
	Nov/24	81.1	30.8	21.3	24.4
	Dec/24	82.1	27.3	20	23
	Jan/25	80.7	26.6	21.9	23.7
	Feb/25	81.9	29.7	25.5	27.2
	Mar/25	80.1	30.3	21.0	23.8

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A.3	HAZARDOUS / SOLID WASTE :	
25.	The company must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.	<p>Complied.</p> <p>The unit is strictly complying with regulatory norms in handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and amendments thereof. The copies of authorization, CCA No. AWH- 119699 dated 29/06/2022, CCA Amendment No. H-119700 dated 09/09/2022 valid upto 07/06/2029 and same is enclosed herewith as Annexure-1.</p>
26.	The hazardous wastes shall be stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<p>Complied.</p> <p>All the hazardous wastes are stored in the designated storage area with a pucca bottom and proper leachate collection facility.</p>
27.	The unit shall dispose its ETP sludge, evaporation salt and incineration ash at the nearest common TSDF.	<p>Complied.</p> <p>The unit is disposing of ETP sludge, evaporation salt to the common TSDF site. Membership certificate for TSDF is enclosed as Annexure-12A.</p>
28.	Organic residue and spent carbon shall be disposed by incineration in the on-site hazardous waste incinerator or the nearest common hazardous waste incineration facility.	<p>Complied.</p> <p>Organic residue is being disposed of in the common Hazardous waste incineration facility. Membership certificate for incineration facility is enclosed as Annexure-12B.</p>
29.	Entire quantity of spent sulfuric acid shall be sent to the SSP Plant of the company to be set up in Jhagadia estate once it is commissioned. Until commissioning of the SSP	<p>Complied.</p> <p>Unit is sending Spent Sulphuric Acid to the SSP manufacturing unit located in Vapi along with other industries having permission under Rule 9 of Hazardous Waste Rules, 2016 with proper MoU, online manifest generated through GPCB XGN portal & sent in</p>

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	Plant at Jhagadia, an entire quantity of spent sulphuric acid shall be sent to their SSP manufacturing unit at Vapi. The spent acid shall be transported only by dedicated tankers equipped with GPS and registered with the GPCB for the purpose.	dedicated tankers equipped with AIS-140 GPS. Disposal quantity in MT from Oct'24 to Mar'25 is tabulated below: <table><tr><th>Month</th><th>Disposed Quantity (MT)</th></tr><tr><td>Oct/24</td><td>5215.260</td></tr><tr><td>Nov/24</td><td>3807.330</td></tr><tr><td>Dec/24</td><td>4800.690</td></tr><tr><td>Jan/25</td><td>3332.510</td></tr><tr><td>Feb/25</td><td>3873.500</td></tr><tr><td>Mar/25</td><td>4992.430</td></tr></table>	Month	Disposed Quantity (MT)	Oct/24	5215.260	Nov/24	3807.330	Dec/24	4800.690	Jan/25	3332.510	Feb/25	3873.500	Mar/25	4992.430
Month	Disposed Quantity (MT)															
Oct/24	5215.260															
Nov/24	3807.330															
Dec/24	4800.690															
Jan/25	3332.510															
Feb/25	3873.500															
Mar/25	4992.430															
30.	Discarded containers / barrels / bags / liners shall be either reused or sold only to the authorized recyclers after decontamination.	Complied. Discarded Containers/Barrels are sold to Authorized recycler & non recyclable liner bags are disposed of to Secured landfill. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with GPS system. Disposal quantity in MT from Oct'24 to Mar"25 is tabulated below: <table><tr><th>Month</th><th>Disposed Quantity (MT)</th></tr><tr><td>Oct/24</td><td>13.990</td></tr><tr><td>Nov/24</td><td>10.800</td></tr><tr><td>Dec/24</td><td>17.930</td></tr><tr><td>Jan/25</td><td>82.640</td></tr><tr><td>Feb/25</td><td>4.280</td></tr><tr><td>Mar/25</td><td>17.220</td></tr></table>	Month	Disposed Quantity (MT)	Oct/24	13.990	Nov/24	10.800	Dec/24	17.930	Jan/25	82.640	Feb/25	4.280	Mar/25	17.220
Month	Disposed Quantity (MT)															
Oct/24	13.990															
Nov/24	10.800															
Dec/24	17.930															
Jan/25	82.640															
Feb/25	4.280															
Mar/25	17.220															
31.	Used oil shall be either reused as lubricant or sold only to the registered recyclers.	Complied. Used oil is sold to registered recyclers. Waste is sent through online manifest generated through GPCB XGN.														
A.4	SAFETY															
32.	The project management shall strictly comply with the provisions made in the Factories Act, 1948 as well as Manufacture, Storage and Impact of Hazardous Chemicals	Complied. The company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.														

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	Rules 1989 as amended in 2000 for handling of hazardous chemicals.																																																									
33.	Necessary approvals from PESO and concerned Govt. Authorities shall be obtained before commissioning of the project.	Complied. Unit has obtained an approval from PESO License No: P/HQ/GJ/15/2034 (P12353) dated 18/02/2020 duly renewed upto 31/12/2028 and is enclosed herewith as Annexure-13 , for reference.																																																								
34.	All the risk mitigation measures and recommendations mentioned in Risk Assessment & Disaster Management Plan chapter of the EIA Report shall be implemented.	Complied. Unit has implemented all the mitigation and recommendations mentioned in the EIA report. On-site emergency plan had been prepared and implemented & enclosed herewith as Annexure-23 Compliance report of the Risk assessment carried out during the EIA process considering various probable emergency scenarios is enclosed as Annexure-22 . Unit is following the Off-site Disaster Management plan prepared by the District Disaster Management Authority.																																																								
35.	A well designed fire hydrant system shall be installed as per the prevailing standards.	Complied. Unit has installed an adequate fire hydrant system as per requirement and standard. Fire pump list and capacity is summarized below: <table><tr><th>Sr. No.</th><th>Description</th><th>Capacity (HP)</th><th>RPM</th><th>MAKE</th><th>Flow Rate (m3/Hr)</th><th>HEAD</th></tr><tr><td>1</td><td>Jocky Pump 1</td><td>7.5</td><td>2900</td><td>KSB</td><td>10</td><td>75</td></tr><tr><td>2</td><td>Jocky Pump 2</td><td>7.5</td><td>2900</td><td>KSB</td><td>10</td><td>63</td></tr><tr><td>3</td><td>Main Pump 1</td><td>50</td><td>2900</td><td>KSB</td><td>100</td><td>70</td></tr><tr><td>4</td><td>Main Pump A</td><td>150</td><td>1485</td><td>KSB</td><td>273</td><td>88</td></tr><tr><td>5</td><td>Main Pump B</td><td>150</td><td>1485</td><td>KSB</td><td>273</td><td>88</td></tr><tr><td>6</td><td>Diesel Pump</td><td>132</td><td>1800</td><td>Greaves</td><td>273</td><td>70</td></tr><tr><td>7</td><td>Diesel tank capacity of DG Pump</td><td colspan="5">200 L</td></tr></table>	Sr. No.	Description	Capacity (HP)	RPM	MAKE	Flow Rate (m3/Hr)	HEAD	1	Jocky Pump 1	7.5	2900	KSB	10	75	2	Jocky Pump 2	7.5	2900	KSB	10	63	3	Main Pump 1	50	2900	KSB	100	70	4	Main Pump A	150	1485	KSB	273	88	5	Main Pump B	150	1485	KSB	273	88	6	Diesel Pump	132	1800	Greaves	273	70	7	Diesel tank capacity of DG Pump	200 L				
Sr. No.	Description	Capacity (HP)	RPM	MAKE	Flow Rate (m3/Hr)	HEAD																																																				
1	Jocky Pump 1	7.5	2900	KSB	10	75																																																				
2	Jocky Pump 2	7.5	2900	KSB	10	63																																																				
3	Main Pump 1	50	2900	KSB	100	70																																																				
4	Main Pump A	150	1485	KSB	273	88																																																				
5	Main Pump B	150	1485	KSB	273	88																																																				
6	Diesel Pump	132	1800	Greaves	273	70																																																				
7	Diesel tank capacity of DG Pump	200 L																																																								

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		8	Fire Water Reservoir Capacity	650 KL
36.	Necessary flameproof fittings shall be provided in the production plants.	Complied. Necessary flameproof fittings are provided in production plants as per the hazardous area classification. Unit has carried out Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai. Cover page of the same is enclosed as an Annexure-15		
37.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	Complied. All measures have been taken to avoid accidents. Use of appropriate PPEs is being done wherever applicable during storage and handling of toxic / hazardous chemicals.		
38.	Storage and use of hazardous chemicals shall be minimized to the extent possible and all necessary precautions shall be taken to mitigate the risk generated out of it. Storage of hazardous chemicals shall be in multiple small capacity tanks /containers instead of one single large capacity tank for safety purpose.	Complied. Storage and use of hazardous chemicals has been minimized to the extent possible and all necessary precautions are being taken to mitigate the risk generated out of storage and usage of hazardous chemicals. Unit has ensured multiple storage with adequate tank capacity.		
39.	During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic waste water or storm water.	Complied. Unit has provided mechanical seal pumps and closed loop system to transfer the materials to avoid spillages. Plant drain is shown in the figure below:		

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		 <p>Storm water drain inside the plant premises is shown in the figure below:</p> 
40.	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. Close handling system for chemicals shall be provided	<p>Complied.</p> <ul style="list-style-type: none">• Dyke walls have been provided for all storage tanks.• Closed loops systems to transfer the materials to avoid leakage/ spillage.• Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.• Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.• Close monitoring through the DCS panel.• Maximum allowable storage level is 80% of total capacity.

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		<ul style="list-style-type: none">Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.																														
41.	Tie up shall be done with nearby health care unit for seeking immediate medical attention in the case of emergency, regular medical checkup of the workers and keeping its record etc.	<p>Complied.</p> <p>Unit has a well equipped Occupational Health Center (OHC) functioning under qualified FMO & nurses. Unit has also tied-up with nearby health care unit Jayaben Modi Hospital, 32 Kms away.</p>																														
42.	Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised	<p>Complied.</p> <p>Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.</p>																														
43.	First Aid Box and required antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p>Complied.</p> <p>First Aid Box and required antidotes for the chemicals used in the unit are provided at a readily available place and in adequate quantity. List of prominent locations in plant where First Aid Boxes are kept are tabulated below:</p> <table><tr><th>Sr. No:</th><th>Plant</th></tr><tr><td>1</td><td>New H2 plant</td></tr><tr><td>2</td><td>Electrical</td></tr><tr><td>3</td><td>New H2 Godown</td></tr><tr><td>4</td><td>New Inst. room</td></tr><tr><td>5</td><td>New H2 Cont. room</td></tr><tr><td>6</td><td>Maintenance</td></tr><tr><td>7</td><td>ETP MCC Room</td></tr><tr><td>8</td><td>Fire station</td></tr><tr><td>9</td><td>DCNB Porta Cabin</td></tr><tr><td>10</td><td>Canteen</td></tr><tr><td>11</td><td>Boiler (CN4)</td></tr><tr><td>12</td><td>RO Plant</td></tr><tr><td>13</td><td>New ETP</td></tr><tr><td>14</td><td>ETP</td></tr></table>	Sr. No:	Plant	1	New H2 plant	2	Electrical	3	New H2 Godown	4	New Inst. room	5	New H2 Cont. room	6	Maintenance	7	ETP MCC Room	8	Fire station	9	DCNB Porta Cabin	10	Canteen	11	Boiler (CN4)	12	RO Plant	13	New ETP	14	ETP
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		<table><tr><td>15</td><td>CN 4,5</td></tr><tr><td>16</td><td>DCS</td></tr><tr><td>17</td><td>VIP Gate</td></tr><tr><td>18</td><td>Admin 1</td></tr><tr><td>19</td><td>Admin 2</td></tr><tr><td>20</td><td>Inside Lab</td></tr><tr><td>21</td><td>Dispatch</td></tr><tr><td>22</td><td>Power Plant 1</td></tr><tr><td>23</td><td>Power Plant 2</td></tr></table>	15	CN 4,5	16	DCS	17	VIP Gate	18	Admin 1	19	Admin 2	20	Inside Lab	21	Dispatch	22	Power Plant 1	23	Power Plant 2
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22	Power Plant 1																			
23	Power Plant 2																			
44.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<p>Complied.</p> <p>Regular training is conducted to all the workers on safety and health aspects of Chemical handling and details of the same for the duration of Oct'24 to Mar'25 is tabulated below:</p> <table><tr><th>Training Topic</th><th>No of participants</th></tr><tr><td>Environment/ Sustainability</td><td>834</td></tr><tr><td>Safety Training (Work permit, Induction, Workplace safety etc)</td><td>159</td></tr></table>	Training Topic	No of participants	Environment/ Sustainability	834	Safety Training (Work permit, Induction, Workplace safety etc)	159												
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45.	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>Complied.</p> <p>Occupational Health Center maintains the records of pre-employment and periodical medical examinations for all the workers, as per the Factories Act & Rules. Duly filled & signed copy of Form-32 & 33 as prescribed in Gujarat Factory Rules are enclosed as an Annexure-16</p> <p>Following check up has been carried out in periodical medical checkup.</p> <ol style="list-style-type: none">1. General checkup (height, weight, pulse, BP etc)2. Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc)3. Urine test (physical, chemical and microbial examination etc)4. Vision test																		

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		<div>5. Audiometric test</div> <div>6. Pulmonary function test, etc.</div> <div>Details of health surveillance of the workers is given below:</div> <table><tr><th colspan="2">Occupational Health Surveillance</th></tr><tr><th>Month</th><th>Total No. of Workers</th></tr><tr><td>October 24</td><td>1448 (Employee) + 720 (Contract)</td></tr></table>	Occupational Health Surveillance		Month	Total No. of Workers	October 24	1448 (Employee) + 720 (Contract)																																																																														
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46.	Handling and charging of the chemicals shall be done in such a manner that minimal human exposure occurs.	Complied. Unit is operating under the DCS system. Unit strictly follows all the standards set by considering utmost safety for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.																																																																																				
47.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Complied. Unit is following the same. Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act & Rules.																																																																																				
A.5	NOISE																																																																																					
48.	The overall noise level in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures, vibration dampers etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act and Rules. Workplace noise levels for workers shall be as per the Factories Act and Rules.	Complied. All the DG are provided with acoustic enclosures. Ambient Noise level monitoring has been done monthly by MoEF&CC approved & NABL Accredited laboratory. The report of March'25 is enclosed herewith as Annexure-18 for your reference. Details of the noise levels dB (A) at various locations are tabulated below: <table><tr><th colspan="8">Ambient Noise level monitoring (in dB (A))</th></tr><tr><th colspan="2">Location</th><th>Oct'24</th><th>Nov'24</th><th>Dec'24</th><th>Jan'25</th><th>Feb'25</th><th>Mar'25</th></tr><tr><td rowspan="2">Near VIP Gate</td><td>Day</td><td>63.7</td><td>63.1</td><td>63.6</td><td>63.3</td><td>63.8</td><td>63.3</td></tr><tr><td>Night</td><td>61.1</td><td>60.4</td><td>61.1</td><td>60.4</td><td>61.3</td><td>60.6</td></tr><tr><td rowspan="2">Near Material Gate</td><td>Day</td><td>66.5</td><td>65.9</td><td>66.5</td><td>65.9</td><td>66.4</td><td>66.0</td></tr><tr><td>Night</td><td>59.0</td><td>58.2</td><td>59.0</td><td>58.5</td><td>59.2</td><td>58.4</td></tr><tr><td rowspan="2">Near CN 123 NOx Scrubber Area</td><td>Day</td><td>71.0</td><td>70.5</td><td>70.9</td><td>70.5</td><td>71.3</td><td>70.7</td></tr><tr><td>Night</td><td>66.2</td><td>65.6</td><td>66.1</td><td>65.7</td><td>66.0</td><td>65.7</td></tr><tr><td rowspan="2">Near U/G Benzene Storage Area</td><td>Day</td><td>67.0</td><td>66.7</td><td>67.3</td><td>66.8</td><td>67.1</td><td>66.6</td></tr><tr><td>Night</td><td>62.5</td><td>61.7</td><td>62.4</td><td>61.9</td><td>62.5</td><td>61.8</td></tr><tr><td>Near Gate No. 2</td><td>Day</td><td>71.4</td><td>70.8</td><td>71.5</td><td>70.7</td><td>71.2</td><td>70.9</td></tr></table>	Ambient Noise level monitoring (in dB (A))								Location		Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25	Near VIP Gate	Day	63.7	63.1	63.6	63.3	63.8	63.3	Night	61.1	60.4	61.1	60.4	61.3	60.6	Near Material Gate	Day	66.5	65.9	66.5	65.9	66.4	66.0	Night	59.0	58.2	59.0	58.5	59.2	58.4	Near CN 123 NOx Scrubber Area	Day	71.0	70.5	70.9	70.5	71.3	70.7	Night	66.2	65.6	66.1	65.7	66.0	65.7	Near U/G Benzene Storage Area	Day	67.0	66.7	67.3	66.8	67.1	66.6	Night	62.5	61.7	62.4	61.9	62.5	61.8	Near Gate No. 2	Day	71.4	70.8	71.5	70.7	71.2	70.9
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			Night	66.2	65.8	66.0	65.7	66.3	65.4
		Near 30 TPH Boiler Area	Day	68.8	68.1	68.6	68.3	68.7	68.1
			Night	64.6	63.7	64.6	63.7	64.4	64.0
		Near Acid Tank Loading/Unloading Area	Day	70.4	69.8	70.7	69.8	70.7	70.1
			Night	65.2	65.0	65.3	65.1	65.3	64.8
		150 KLD SBT Area	Day	66.7	65.9	66.6	66.3	66.5	66.3
			Night	53.0	52.6	52.9	52.7	53.0	52.5
		Near NT Tank Farm	Day	58.5	58.0	58.9	58.1	58.5	58.2
			Night	59.9	59.5	60.2	59.5	60.0	59.9
		Near MBR STP	Day	68.1	67.4	68.2	67.7	68.2	67.5
			Night	63.3	62.8	63.4	62.7	63.1	63.0
		Near Ash Silo (CPP Plant)	Day	53.8	53.4	53.5	53.2	53.6	53.1
			Night	67.2	66.8	67.2	66.4	67.2	66.4
		Near ETP Expansion	Day	60.5	59.7	60.4	59.9	60.2	59.8
			Night	56.2	55.4	56.0	55.4	56.3	55.7
		Near Utility DM Plant	Day	73.9	73.7	72.8	73.8	74.1	72.9
			Night	68.2	69.2	68.9	68.5	68.8	68.5
		Near NEW ETP	Day	73.5	74.1	73.6	73.9	73.6	73.7
			Night	69.2	68.8	68.6	68.9	69.2	68.7
		Near Utility RO Section	Day	64.6	64.4	64.8	64.1	64.9	64.0
			Night	61.9	61.3	62.2	61.5	62.2	61.6
All values are well within the limits.									
A.6	ENERGY CONSERVATION:								
49.	The project proponent shall install energy efficient devices and appliances conforming to the Bureau of Energy Efficiency norms.	Complied. Unit has installed energy efficient devices and appliances conforming to the Bureau of Energy Efficiency norms.							
50.	The energy audit shall be conducted at regular intervals and the recommendations of the audit report shall be implemented	Complied. Energy Audit has been carried out by Devki Energy Consultancy Pvt Ltd, Vadodara and report is being enclosed herewith as Annexure-19 . Unit has also complied all the recommendations made by them.							
A.7	WASTE MINIMIZATION AND CLEANER PRODUCTION:								
51.	The unit shall undertake the Cleaner Production Assessment	Complied.							

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	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.	Unit has undertaken the Cleaner Production Assessment study and obtained Gujarat Cleaner Production Award 2014-15. The same is being enclosed herewith as Annexure-20 . The unit is maintaining Zero liquid Discharge.
52.	The company shall undertake following waste minimization measures:	
a.	Metering and control of quantities of active ingredients to minimize waste.	Complied. Metering has been provided for active ingredients.
b.	Reuse of by-products from the process as raw materials or raw materials substitutes in other process.	Complied. Unit is sending spent acid generated to the SSP manufacturing unit Vapi along with other industries having permission under Rule 9 of Hazardous Waste Rules, 2016 with a manifest through dedicated tankers equipped with GPS.
c.	Use of automated and enclosed filling to minimize spillages.	Complied. All the feeding systems are closed and automated.
d.	Use of close feed system into batch reactors.	Complied. Closed loop system has been implemented in batch reactors.
e.	Dry cleaning / mopping of floor instead of floor washing	Complied. Dry cleaning in roads and mopping are being done in plant
f.	Use of high pressure hoses for cleaning to reduce wastewater generation	Complied. Unit is using only high pressure hose pipes wherever required.
g.	Regular preventive maintenance for avoiding leakage, spillage etc.	Complied. Preventive maintenance plan & condition monitoring is in place and is being strictly followed.
A.8	GREEN BELT AND OTHER PLANTATION:	
53.	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	Complied. Unit has developed Green belt area as per CPCB guidelines within and outside the premises. Unit has developed approx 10438 m2 of green belt inside the premises and outside. Additionally, Green belt area of 17309 m2 is planned to be developed in RS No. 364.

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	estate, nearby schools, gram panchayat areas and any other open areas in consultation with the GIDC / local bodies /GPCB and submit an action plan of plantation for next three years to the GPCB.													
54.	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development.	Complied. Sprinkler system has been provided for the irrigation of the Green Belt area. Installed water irrigation system includes circulation pipelines of 960 m provided with laterals and drippers of 20,000 m and 10800 numbers respectively.												
B	OTHER CONDITION:													
55.	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.	Complied Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.												
56.	The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environment Protection (CREP) published by the Central Pollution Control Board, as may be applicable.	Complied. The unit has strictly followed all applicable recommendations mentioned in the Charter on Corporate Responsibility for Environment Protection (CREP) published by the Central Pollution Control Board. Refer enclosed Annexure-17.												
57.	A separate Environment Management Cell equipped with full fledged laboratory facilities and qualified personnel shall be set up to carry out the Environment Management and Monitoring functions and a separate budget shall be allocated for this purpose.	Complied. Unit has established an Environment Management Cell comprising Environment Engineers, Managers and area experts under the guidance of General Manager/ Vice Presidents. <table border="1"> <thead> <tr> <th colspan="3">Environment Management Cell</th></tr> <tr> <th>Sr No</th><th>Name of Member</th><th>Designation</th></tr> </thead> <tbody> <tr> <td>1</td><td>Shyam Dhekekar</td><td>Joint President</td></tr> <tr> <td>2</td><td>Shubhat Jindal</td><td>Executive Vice President</td></tr> </tbody> </table>	Environment Management Cell			Sr No	Name of Member	Designation	1	Shyam Dhekekar	Joint President	2	Shubhat Jindal	Executive Vice President
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		<table> <tr> <td>3</td><td>Shankar Karhale</td><td>Vice President</td></tr> <tr> <td>4</td><td>Krishna Kumar Maurya</td><td>Assistant General Manager</td></tr> <tr> <td>5</td><td>Jitendra Gaur</td><td>Senior Manager</td></tr> </table> <p>Full fledged laboratory facility exists for Environmental Monitoring with facilities to carry out analysis like pH, TOC, COD, TDS, MLSS, MLVSS, Chloride, Sulphate, Total Hardness, Silica, Phenol, Ammoniacal Nitrogen, Turbidity, Alkalinity and Conductivity etc.</p>	3	Shankar Karhale	Vice President	4	Krishna Kumar Maurya	Assistant General Manager	5	Jitendra Gaur	Senior Manager									
3	Shankar Karhale	Vice President																		
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5	Jitendra Gaur	Senior Manager																		
58.	The funds earmarked for environment protection measures shall be maintained in a separate account and there shall not be any diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported.	<p>Complied.</p> <p>Budgetary allocation is made for revenue expenditure for routine operation of various treatment facilities. Allocated funds for environment management/pollution control are not diverted for any other purpose.</p> <p>Detailed expenditure deployed in environment pollution mitigation measures such as environmental monitoring, green belt development, effluent treatment, hazardous waste storage and disposal for the period of Oct'24 to March'25 is tabulated below:</p> <table> <tr> <th>Sr. No</th><th>Activities</th><th>Total Cost (Rs in Lacs)</th></tr> <tr> <td>1</td><td>Environment monitoring</td><td>4.57</td></tr> <tr> <td>2</td><td>Green belt</td><td>5.70</td></tr> <tr> <td>3</td><td>Effluent treatment plant</td><td>1405.28</td></tr> <tr> <td>4</td><td>Hazardous waste storage and disposal</td><td>571.23</td></tr> <tr> <td colspan="2">Total Cost</td><td>1986.78</td></tr> </table>	Sr. No	Activities	Total Cost (Rs in Lacs)	1	Environment monitoring	4.57	2	Green belt	5.70	3	Effluent treatment plant	1405.28	4	Hazardous waste storage and disposal	571.23	Total Cost		1986.78
Sr. No	Activities	Total Cost (Rs in Lacs)																		
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3	Effluent treatment plant	1405.28																		
4	Hazardous waste storage and disposal	571.23																		
Total Cost		1986.78																		
59.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling	Complied.																		

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	areas to minimize soil contamination.	Pucca flooring has been provided in the work areas, chemical storage areas and chemical handling areas to avoid soil contamination.
60.	Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.	Complied. Unit is using only mechanical seal pumps in order to avoid the leakages. Seamless pipes without flange joints are provided in the plant. Regular preventive maintenance is also being carried out.
61.	All the recommendations made in the EIA Report submitted by the project proponent shall be strictly implemented.	Complied. Unit has implemented all the recommendations made in the EIA Report.
62.	The company shall carry out socio-economic developmental / community welfare activities in consultation with the District Development Officer / District Collector.	Complied. Unit is doing socio-economic developmental measures including community welfare measures. Activity details are enclosed herewith as Annexure-20 .
63.	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.	Complied Unit is assures to comply with all the additional conditions imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
64.	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted, Unit has taken Environmental Clearance amendment as File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019 and is enclosed herewith as Annexure-3 .
65.	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	Complied. Unit has devoted sufficient funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein.

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	herein. The funds so provided shall not be diverted for any other purpose.	
66.	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/SEAC/GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied Advertisements were given in local newspapers.
67.	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	Complied. The Unit had submitted the 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 28.11.2024 for the period of Apr'24 to Sept'24. Screenshot of half-yearly compliance report submission in State Environment Impact Assessment Authority portal is enclosed herewith as Annexure-5 .
68.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Complied. Unit is adhering to the stipulations issued by the Gujarat Pollution Control Board.
69.	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA	Noted.

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	about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Not applicable since the project is self-financed. Kindly refer the copy of CERTIFICATE OF REGISTRATION enclosed herewith as Annexure-21 .
70.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
71.	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Complied. The Public Liability Insurance Policy No: 12040036243300000004 Valid from 09/01/2025 12:00 AM/ PM to till 08/01/2026 12:00 AM/ PM is enclosed herewith as Annexure-14 .
72.	This environmental clearance is valid for five years from the date of issue.	Noted.
73.	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.

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Environment Clearance Compliance
Report of
EC File No.: SEIAA/GUJ/EC/5(f)/893/2019,
dated 19.06.2019

Environmental Clearance Compliance Report - October 24 to March 25

EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

Sr. No.	CONDITIONS	COMPLIANCE STATUS																							
I	SPECIFIC CONDITIONS																								
A.1	WATER																								
3.	<p>There shall be no effluent discharge and the unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground connection disconnected before commencing the expanded production.</p> <p>Unit shall receive additional effluent of 400.4 KLD from sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for treatment and treated wastewater of 370 KLD shall be sent back to them for reuse in their premises.</p>	<p>Complied.</p> <p>Unit is maintaining Zero Liquid Discharge.</p> <p>Underground disconnection certificate from GIDC is enclosed herewith as Annexure-4.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>																							
4.	<p>Total 616.4 KLD [216 KLD - Aarti Industries Limited (Unit-I) + 400.4 KLD Aarti Industries Limited (Unit-II)] shall be treated in common/combined ETP.</p>	<p>Complied.</p> <p>Wastewater generation from both the units is treated in common/combined ETP.</p> <table border="1"> <thead> <tr> <th colspan="3">Industrial Wastewater Generation Unit I</th></tr> <tr> <th rowspan="2">Month</th><th>Total</th><th>Avg</th></tr> <tr> <th>KL/ Month</th><th>KLD</th></tr> </thead> <tbody> <tr> <td>Oct'24</td><td>6213</td><td>200</td></tr> <tr> <td>Nov'24</td><td>5184</td><td>173</td></tr> <tr> <td>Dec'24</td><td>6111</td><td>197</td></tr> <tr> <td>Jan'25</td><td>5230</td><td>169</td></tr> <tr> <td>Feb'25</td><td>6003</td><td>214</td></tr> </tbody> </table>	Industrial Wastewater Generation Unit I			Month	Total	Avg	KL/ Month	KLD	Oct'24	6213	200	Nov'24	5184	173	Dec'24	6111	197	Jan'25	5230	169	Feb'25	6003	214
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M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

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		<table><tr><td>Mar'25</td><td>6413</td><td>207</td></tr></table> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>	Mar'25	6413	207
Mar'25	6413	207			
5.	Unit shall install combined ETP of adequate capacity consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.	<p>Complied.</p> <p>Unit has installed a combined ETP consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE and ATFD to treat the effluent efficiently.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>			
6.	Entire quantity (616.4 KLD) shall be treated in the combined ETP consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE and ATFD	<p>Complied.</p> <p>Unit has primary, secondary and tertiary treatment facilities and treated effluent is fed to the RO system followed by MEE, ATFD.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>			
7.	Out of 580 KLD of RO permeate and MEE condensate; 370 KLD shall be send back to the sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for reuse	<p>Complied.</p> <p>Reused water in Aarti Industries Limited Unit-1 are tabulated below.</p> <table><tr><td>Month</td><td>Reused Water Unit-1</td></tr></table>	Month	Reused Water Unit-1	
Month	Reused Water Unit-1				

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	and remaining 210 KLD shall be reused within plant premises.	<table border="1"> <thead> <tr> <th></th><th>KL/ Month</th><th>KLD</th></tr> </thead> <tbody> <tr> <td>Oct'24</td><td>4337.00</td><td>139.90</td></tr> <tr> <td>Nov'24</td><td>3654.00</td><td>121.80</td></tr> <tr> <td>Dec'24</td><td>4832.00</td><td>155.87</td></tr> <tr> <td>Jan'25</td><td>5581.00</td><td>180.03</td></tr> <tr> <td>Feb'25</td><td>5712.00</td><td>204.00</td></tr> <tr> <td>Mar'25</td><td>5784.00</td><td>186.58</td></tr> </tbody> </table> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped send recycled water to sister concern unit Aarti Industries Ltd (Unit-II) .</p>		KL/ Month	KLD	Oct'24	4337.00	139.90	Nov'24	3654.00	121.80	Dec'24	4832.00	155.87	Jan'25	5581.00	180.03	Feb'25	5712.00	204.00	Mar'25	5784.00	186.58
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Mar'25	5784.00	186.58																					
8.	Out of 284.4 KLD of total process effluent (91 KLD from Unit-I + 193.4 KLD from Unit-II); 66 KLD of effluent shall be treated by Fenton treatment followed by MEE -1 & ATFD - 1 and 218.4 KLD of effluent shall be treated in ETP. Treated effluent from ETP (218.4 KLD) and MEE-1 condensate (60 KLD) shall be mixed and further treated in RO 1,2,3,4.	<p>Complied.</p> <p>Unit has adequate treatment facility for treatment of process effluent which includes fenton treatment, ETP with primary, secondary and tertiary treatment, MEE, ATFD and RO .</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>																					
9.	Remaining 332 KLD of effluent from utilities (125 KLD from Unit-1 + 207 KLD from Unit-II) shall be treated by desilication process followed by RO - 5,6.	<p>Complied.</p> <p>Unit has installed a Desilication Process system followed by RO System to treat Utility Effluent.</p> <p>RO Permeate & MEE Condensate is reused in cooling towers (with reference to amended condition No. 7) and generated residue is sent to ATFD.</p>																					

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		Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.
10.	RO reject of RO- 1, 2, 3, 4, 5, 6 shall be subjected to MEE - 2, 3, 4, followed by ATFD 2, 3, 4. Condensate of 123 KLD (MEE - 2, 3, 4) shall be mixed with RO permeate of 208 KLD (RO - 1, 2, 3, 4) RO permeate of 249 KLD (RO - 5, 6) for reuse. 210 KLD of treated water shall be reused in Unit- I and remaining 370 KLD shall be send to unit-II for reuse.	<p>Complied.</p> <p>RO Permeate and MEE condensate is reused and Unit is maintaining ZLD.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped sending recycled water to sister concern unit Aarti Industries Ltd (Unit-II).</p>
11.	The unit shall provide metering facility at the inlets and outlets of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot and maintain the records of the same	<p>Complied.</p>  <p>Meters have been provided at the inlet and outlet of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II; PCB ID: 35534) and records were also maintained for the same. Unit is maintaining ZLD.</p>

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		Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.																				
12.	Proper Logbooks of ETP, RO plants, MEE & ATFD operations, chemical consumptions, quantity and quality reused within premises, power generations, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot, etc. shall be maintained and furnished to the GPCB from time to time.	<p>Complied.</p> <p>Log books are maintained for ETP, RO plants, MEE & ATFD operations, chemical consumptions, power generations. In addition to this, the quantity and quality of reused water within premises.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.</p>																				
II	ADDITIONAL CONDITIONS																					
2.1	Unit shall install adequate capacity of combined STP for treatment of domestic wastewater 43 KLD (5 KLD from Unit-1 & 38 KLD from Unit-2. Treated sewage shall be utilized for gardening & plantation purposes within premises of Unit-1 (13 KLD) & Unit-2 (30 KLD).	<p>Complied.</p> <p>Domestic wastewater generation is well within the given limit and Unit has installed adequate capacity of STP for treatment of domestic water.</p> <p>Domestic wastewater generation from Aarti Industries Limited Unit-1 is tabulated below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">Domestic Wastewater Generation</th></tr> <tr> <th rowspan="2">Month</th><th>Total</th><th>Avg</th></tr> <tr> <th>KL/ Month</th><th>KLD</th></tr> </thead> <tbody> <tr> <td>Oct'24</td><td>153.71</td><td>4.96</td></tr> <tr> <td>Nov'24</td><td>142.43</td><td>4.75</td></tr> <tr> <td>Dec'24</td><td>141.38</td><td>4.56</td></tr> <tr> <td>Jan'25</td><td>139.72</td><td>4.51</td></tr> </tbody> </table>	Domestic Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Oct'24	153.71	4.96	Nov'24	142.43	4.75	Dec'24	141.38	4.56	Jan'25	139.72	4.51
Domestic Wastewater Generation																						
Month	Total	Avg																				
	KL/ Month	KLD																				
Oct'24	153.71	4.96																				
Nov'24	142.43	4.75																				
Dec'24	141.38	4.56																				
Jan'25	139.72	4.51																				

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		<table><tr><td>Feb'25</td><td>137.63</td><td>4.92</td></tr><tr><td>Mar'25</td><td>151.16</td><td>4.88</td></tr></table> <p>Treated domestic wastewater is utilized for gardening & plantation purposes within the unit premises.</p> <p>Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 for management of sewage in their own premises. Hence from Jan-23 Aarti Industries Ltd (Unit-I) has stopped to receive sewage from sister concern unit Aarti Industries Ltd (Unit-II) for treatment</p>	Feb'25	137.63	4.92	Mar'25	151.16	4.88				
Feb'25	137.63	4.92										
Mar'25	151.16	4.88										
2.2	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	<p>Noted.</p> <p>Unit has provided buffer water storage tanks of adequate capacities to store treated wastewater and the tank capacities of the same is tabulated below:</p> <table><tr><th>Treated Wastewater</th><th>RO Permeate Tanks</th><th colspan="3">MEE Condensate Tanks</th></tr><tr><td>Storage Tank Capacities</td><td>150 KL</td><td>20 KL</td><td>50 KL</td><td>165 KL</td></tr></table>	Treated Wastewater	RO Permeate Tanks	MEE Condensate Tanks			Storage Tank Capacities	150 KL	20 KL	50 KL	165 KL
Treated Wastewater	RO Permeate Tanks	MEE Condensate Tanks										
Storage Tank Capacities	150 KL	20 KL	50 KL	165 KL								
2.3	Regular performance evaluation of the combined ETP shall be undertaken every year to check its adequacy, through a reputed institute/organization & its records shall be maintained.	<p>Complied.</p> <p>Unit is regularly carrying out Environmental Audit including Regular performance evaluation of the ETP, RO & MEE from GPCB allotted reputed institutions categorized as Schedule 1 Auditor.</p> <p>Environment Audit for FY-2023-24 was conducted by Shree Dhanvantary College of Engineering & Technology, Environment Audit Laboratory, Kim, Surat. Unit has complied the observations made by the Auditor, which is enclosed herewith as Annexure-6 & evaluation of ETP adequacy along with other Environment Management systems is enclosed herewith as an Annexure-7.</p> <p>Environmental Audit for FY-2024-25 was conducted by M/s R. N. G. Patel Institute of Technology, Bardoli. However,</p>										

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		Environment Audit Report for the said period is awaited from the Auditor.
2.4	Additional Imported Coal to the tune of 0.2 MT/hr shall be used as fuel in the existing Boilers for steam requirement for proposed Multiple Effect Evaporators.	Complied. Unit is using Coal as fuel in Boilers. Steam for MEE is used from Existing Boilers.
2.5	Hazardous Waste Management shall be as under :	Complied. Hazardous waste disposal data during Oct'24 to Mar'25 is tabulated below:

Sr. No.	Type of Waste	Category	Quantity			Hazardous Waste management Disposal Facility	Status	
			Existing	Proposed	Total			
1.	Empty Barrels/Containers/Liners contaminated with hazardous chemicals/wastes	33.1	225 MT/Year	00	225 MT/Year	Collection, storage, transportation & Disposal by sending it to authorised decontamination facility/recycler or reuse or send back to supplier.		
							Month	Total Disposal Quantity (MT)
							Oct'24	13.990
							Nov'24	10.800
							Dec'24	17.930
							Jan'25	82.640
							Feb'25	4.280
							Mar'25	17.220
2	Chemical sludge from wastewater treatment plant	35.3	1200 MT/Year ETP waste	2880	4080 MT/Year ETP waste	Collection, storage, Treatment, transportation & Disposal at		
							Month	Total Disposal Quantity (MT)
							Oct'24	888.880
							Nov'24	779.550

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			270 MT/ Year MEE waste	50	320 MT/ Year MEE waste	TSDF at BEIL	<table><tr><td>Dec'24</td><td>583.900</td></tr><tr><td>Jan'25</td><td>322.090</td></tr><tr><td>Feb'25</td><td>290.970</td></tr><tr><td>Mar'25</td><td>210.120</td></tr></table>	Dec'24	583.900	Jan'25	322.090	Feb'25	290.970	Mar'25	210.120						
Dec'24	583.900																				
Jan'25	322.090																				
Feb'25	290.970																				
Mar'25	210.120																				
3	Used or spent Oil	5.1	2.3 MT/ Year	00	2.3 MT/ Year	Collection, storage & reuse in plant & machineri es or sell to authorised registered recyclers	<table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Oct'24</td><td>3.470</td></tr><tr><td>Nov'24</td><td>0.000</td></tr><tr><td>Dec'24</td><td>0.000</td></tr><tr><td>Jan'25</td><td>0.000</td></tr><tr><td>Feb'25</td><td>0.000</td></tr><tr><td>Mar'25</td><td>0.000</td></tr></table>	Month	Total Disposal Quantity (MT)	Oct'24	3.470	Nov'24	0.000	Dec'24	0.000	Jan'25	0.000	Feb'25	0.000	Mar'25	0.000
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Nov'24	0.000																				
Dec'24	0.000																				
Jan'25	0.000																				
Feb'25	0.000																				
Mar'25	0.000																				
4	Any Process or distillation residue	36.1	480 MT/ Year	00	480 MT/ Year	Collection, storage ,transporta tion & Disposal at common incinerator of BEIL/SEPP L	<table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Oct'24</td><td>316.030</td></tr><tr><td>Nov'24</td><td>226.710</td></tr><tr><td>Dec'24</td><td>257.150</td></tr><tr><td>Jan'25</td><td>220.780</td></tr><tr><td>Feb'25</td><td>216.160</td></tr><tr><td>Mar'25</td><td>346.360</td></tr></table> <p>The unit has obtained CTE from the board and subsequently applied for CCA amendment application for increase in quantity of residue.</p>	Month	Total Disposal Quantity (MT)	Oct'24	316.030	Nov'24	226.710	Dec'24	257.150	Jan'25	220.780	Feb'25	216.160	Mar'25	346.360
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Jan'25	220.780																				
Feb'25	216.160																				
Mar'25	346.360																				
5	Ash from incinerator & flue gas	37.2	12.48 0 MT/	00	12.480 MT/ Year	Collection, storage, Treatment,	Incinerator Ash is not generated as Incinerator has been dismantled and letter for														

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	cleaning residue		Year			transporta tion & Disposal at TSDf at BEIL	dismantling of Incinerator has been enclosed herewith as Annexure-11	
6	Spent Carbon or filter medium	36.2	40.80 MT/ Year	00	40.80 MT/ Year	Collection, storage ,transporta tion & Disposal at common incinerator of BEIL/SEPP L		
							Month	Total Disposal Quantity (MT)
							Oct'24	4.78
							Nov'24	0.00
							Dec'24	8.88
							Jan'25	11.32
							Feb'25	0.00
Mar'25	0.00							
7	Inorganic Acids (Spent Acids)	B-15	8640 0 MT/ Year	00	86400 MT/ Year	Collection, storage ,transporta tion & Disposal through end user who has valid permissio n under Rule-9 of Hazardous & other waste (M & TBM) Rules-2016		
							Month	Total Disposal Quantity (MT)
							Oct'24	5215.260
							Nov'24	3807.330
							Dec'24	4800.690
							Jan'25	3332.510
							Feb'25	3873.500
Mar'25	4992.430							
8	Spent Catalyst	28.2	7.440 MT/ Year	00	7.440 MT/ Year	Collection, storage ,transporta		
							Month	Total Disposal

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Environmental Clearance Compliance Report - October 24 to March 25

EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

						tion & Disposal by selling to authorised recycler for Regenerati on	<table><tr><td></td><td>Quantity (MT)</td></tr><tr><td>Oct'24</td><td>0.000</td></tr><tr><td>Nov'24</td><td>0.000</td></tr><tr><td>Dec'24</td><td>0.000</td></tr><tr><td>Jan'25</td><td>0.000</td></tr><tr><td>Feb'25</td><td>0.000</td></tr><tr><td>Mar'25</td><td>0.000</td></tr></table>		Quantity (MT)	Oct'24	0.000	Nov'24	0.000	Dec'24	0.000	Jan'25	0.000	Feb'25	0.000	Mar'25	0.000
	Quantity (MT)																				
Oct'24	0.000																				
Nov'24	0.000																				
Dec'24	0.000																				
Jan'25	0.000																				
Feb'25	0.000																				
Mar'25	0.000																				
9	Fly Ash	Z-Z14	7560 MT/ Year	00	7560 MT/ Year	Collection, storage ,transporta tion & Disposal by selling to Brick manufactu rer & Cement Industry	<table><tr><td>Month</td><td>Total Disposal Quantity (MT)</td></tr><tr><td>Oct'24</td><td>720.010</td></tr><tr><td>Nov'24</td><td>640.360</td></tr><tr><td>Dec'24</td><td>870.220</td></tr><tr><td>Jan'25</td><td>846.230</td></tr><tr><td>Feb'25</td><td>500.610</td></tr><tr><td>Mar'25</td><td>529.810</td></tr></table>	Month	Total Disposal Quantity (MT)	Oct'24	720.010	Nov'24	640.360	Dec'24	870.220	Jan'25	846.230	Feb'25	500.610	Mar'25	529.810
Month	Total Disposal Quantity (MT)																				
Oct'24	720.010																				
Nov'24	640.360																				
Dec'24	870.220																				
Jan'25	846.230																				
Feb'25	500.610																				
Mar'25	529.810																				



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)

CCA NO: AWH-119699

NO: GPCB/ANK/CCA-142(12)/ID-14855/

DT: __/09/2022

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 **27/04/2022** and inward no. **213886** 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.,
PLOT NO: 758/1-2-3,
GIDC ESTATE JHAGADIA,
DIST-BHARUCH.

1. Consent Order No. : AWH-119699 date of Issue 29/06/2022.
2. The consent under Water Act -1974, Air Act - 1981 and Authorization under Environment (Protection) Act, 1986 **shall be valid up to 07/06/2029** to operate industrial plant to manufacture following products:

Sr. No.	Products	Quantity (MT/Month)
1	Group-C DIETHYL SULPHATE	100
2	Group-A MONO NITRO DERIVATIVES OF BENZENE & CHLORO BENZENE PARA NITRO CHLORO BENZENE OR ORTHO NITRO CHLORO BENZENE OR ORTHO/PARA/META-NITRO CUMENE OR NITRO BENZENE OR 2,5 DICHLORO NITRO BENZENE OR 3,4 DICHLORO NITRO BENZENE OR ORTHO NITRO TOLUENE OR META NITRO TOLUENE OR PARA NITRO TOLUENE OR META NITRO CHLORO BENZENE OR 2,4 DI CHLORO NITRO BENZENE	6000

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3	GROUP-B DINITRO DERIVATIVES OF BENZENE & MCB DI NITRO BENZENE OR DI NITRO CHLORO BENZENES	3000
4	GROUP-D META CHLORO ANILINE OR PARA CHLORO ANILINE OR 3,4 DICHLORO ANILINE OR 2,3 DICHLORO ANILINE OR 2,5 DICHLOROANILINE OR META PHENYLENE DIAMINE OR PARA PHENYLENE DIAMINE OR ORTHO PHENYLENE DIAMINE OR ORTHO ANISIDINE OR PARA ANISIDINE OR CHLORO FLUORO ANILINE OR PARA CUMIDINE OR PARA AMINO PHENOL OR META AMINO PHENOL OR TOLUIDINES OR ORTHO CHLORO ANILINE OR 2,4 DICHLORO ANILINE	5000 (Total production of Sr. No. 4 &5 shall not exceed)
5	GROUP-D 2,6 DICHLOROANILINE OR 3,5 DICHLOROANILINE OR MIXTURE OF 2,4/2,5 DCA OR MIXTURE OF 2,5/2,6 DCA OR MIXTURE OF 2,4/2,5/2,6 DCA OR ORTHO CUMIDINE OR META CUMIDINE OR META ANISIDINE OR 2,4,5 TRICHLORO ANILINE OR ANILINE OR PARA FLORO ANILINE OR META FLORO ANILINE OR ORTHO FLORO ANILINE OR DI FLORO BENZENE OR 4-FLORO-N ISOPROPYLANILINE OR OTHER REDUCTION PRODUCT	
6	GROUP-E ONLY PHYSICAL SEPARATION ORTHO/PARA/META CHLORO TOLUENE	450
7	GROUP-F ONLY PHYSICAL SEPARATION OF 2,3 DCNB, 3,4 DCNB	550
8	CO-GENERATION POWER PLANT	4.50 MWH

Specific conditions:

- Unit shall comply with all the conditions stipulated by SEIAA in the order of Environment Clearance issued vide letter no. SEIAA/GUJ/EC/5(f)/893/2019, dated: 19/06/2019.
- Both units (PCB ID: 14855(Plot No.758/1-2-3) & PCB ID: 35534 (Plot No. 756/4A,B/5A,B/6/7 & 779) shall maintain ZLD.



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- c) Unit shall use fresh raw material only.
- d) 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.
- e) 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.
- f) 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.
- g) Unit shall strictly follow the Solid Fuel guideline framed by Board and shall install APCM as per guideline.
- h) Unit shall follow coal handling guideline framed by Board and provide close ash handling facility.
- i) Unit shall strictly follow the Fly Ash Notification for disposal of generated ash.
- j) 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 TFH.
- k) Unit shall provide fixed pipeline system to transfer the effluent from Unit-II to Unit-I for treatment & shall also provide metering system in order to keep the records of the effluent being transferred & treated in the Common/Combined ETP. Unit shall also provide storage tanks for collecting the permeate/condensate from RO/MEE for recycle purpose.
- l) Domestic w/w of Unit-I (ID:14855) 5 KLD & Unit-II (ID:35534) 38 KLD i.e. total 43 KLD shall be treated in common STP.
- m) Treated domestic w/w 13 KLD (in Unit-I) and 30 KLD (in Unit-II) shall be used for gardening & Plantation within premises.
- n) Industrial w/w of Unit-I (ID: 14855) 216 KLD and of Unit-II (ID: 35534) 140.84 KLD shall be treated in combined ETP at Unit-I (ID: 14855).
- o) Unit shall provide buffer water storage tank as adequate capacity for storage of treated w/w during rainy days.
- p) In case of non-compliance in performance of combined ETP & any breach of conditions for combined ETP both the units (ID: 14855 & 35534) will be responsible.
- q) Unit shall provide flow meter at inlet and outlet of ZLD system and maintain daily record of the same.

3. CONDITION UNDER THE WATER ACT:

3.1 The quantity of total water consumption shall not exceed **1118 KL/Day** as per below break up as mentioned in form D submitted for consent application under Water Act-1974.

- a) Domestic: 25 KL/Day
- b) Industrial: 1093 KL/Day

3.2 The quantity of total waste water generation shall not exceed **436.84 KL/Day** as per below break up as mentioned in form D submitted for consent application under Water Act- 1974.

- a) Domestic: 43 KL/Day
- b) Industrial: 393.84 KL/Day

3.3 Mode of disposal of wastewater:

- a) Total 43 KLD domestic w/w will be treated in STP to conform the following standards and treated w/w will be utilized (13 KLD in unit-1 and 30 KLD in unit-2) for gardening/plantation purpose.

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD ₃ , 27° C	20 mg/L
2	Total Suspended Solids (TSS)	30 mg/L
3	Total Residual Chlorine	Minimum 0.5 ppm

- b) Out of total 393.84 KLD effluent, 66 KLD (concentrate stream) will be segregated and will be treated (Fenton Treatment) and will disposed through MEE-1 followed by ATFD-1. MEE condensate (64 KLD) shall be passed through ETP & RO.
- c) Out of remaining 327.84 KLD effluent, 128.84 KLD (dilute stream) shall be treated in primary, secondary and treatment plant followed by RO.
- d) Remain 174 KLD (utility effluent) and 25 KLD (boiler blowdown) shall be treated separately to remove silica then mix with remain utility stream followed by RO.
- e) Reject of RO (99 KLD) shall be passed through MEE followed by ATFD.
- f) Out of total 383 KLD [RO permeate (292 KLD) and MEE condensate (91 LD)], 210 KLD will be utilized in cooling tower of unit-1 and remaining 173 KLD shall be utilized in cooling tower of unit-2 thereby achieving ZLD.
- g) Treated w/w from combined ETP shall be reused in cooling tower as follows:
- Unit-I (ID:14855) : 210 KLD
 - Unit-II (ID:35534) : 173 KLD

3.4 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.

3.5 The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.

3.6 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.

3.7 In case of incinerators, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel 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 shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.

3.8 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory



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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.

- 3.9 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 June every year.
- 3.10 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	COAL/ Lignite / Bio mass	Coal /Lignite (70 30) 22 MT/hr.
2	HSD	880 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	IBR water tube Boiler	30 TPH	40	ESP	PM SO2 NOX	150 mg/Nm3 100 ppm 50ppm
2	Steam Boiler	17 TPH	40	ESP + multi cyclone		
3	DG Sets-4 nos.	1010 KVA each	11	--		
4	Thermopack	20 Lac KCal/Hr	30	Bag filter		
5	Boiler	50 TPH	40	ESP		

* Existing FO Based Boiler (10 TPH) shall be dismantled.

- 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.	Nitration plant	12	Sulfuric acid scrubber followed by caustic scrubber	NOx	25 mg/Nm3

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- 4.3 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 _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.

- 4.4 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.
- 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.

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.



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

6.1 Number of authorization: **AWH-119699 date of Issue 29/06/2022.**

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: 758/1-2-3, GIDC ESTATE JHAGADIA, DIST: BHARUCH.**

Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year	Facility
1	Empty barrels/ containers/ liners contaminated with hazardous chemicals/ wastes	33.1	225	Collection, storage, transportation and disposal by send it to authorized decontamination facility/ recycler or reuse or send back to supplier.
2	Chemical sludge from waste water treatment	35.3	2480 (ETP waste) 320 (MEE waste)	Collection, storage, treatment, transportation and dispose at TSDF at BEIL.
3	Used or Spent oil	5.1	2.3	Collection, storage, reuse in plant and machineries or sell to authorized registered recyclers.
4	Any process or distillation residue	36.1	480	Collection, storage, transportation and dispose at common incinerator of BEIL/SEPPL.
5	Ash from incinerator and flue gas cleaning residue	37.2	12.48	Collection, storage, transportation and dispose at TSDF at BEIL.
6	Spent carbon or filter medium	36.2	40.8	Collection, storage, transportation and dispose at common incinerator of BEIL/SEPPL.
7	Inorganic acids (spent acids)	B15	86400	Collection, storage, transportation and disposed through end user who has valid permission under Rule-9 of hazardous and other waste rules-2016 after making MoU.
8	Spent catalyst	28.2	7.44	Collection, storage, transportation and disposal by selling to authorized recycler for regeneration.
9	Fly ash	Z14	7560	Collection, storage, transportation and disposal by selling or Brick

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				manufacture or cement industry.
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- 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 07/06/2029**.
- 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.
- 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.



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- 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

(Arun G. Patel)
ENVIRONMENT ENGINEER

Outward No:682662,09/09/2022

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Outward No:682662,09/09/2022



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-119700

NO: GPCB/ANK/CCA-142(12)/ID-14855/

DT:___/09/2022

To,
M/s. AARTI INDUSTRIES LTD.,
PLOT NO: 758/1-2-3,
GIDC ESTATE JHAGADIA,
DIST-BHARUCH.

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

REF: (1) Your application No. 204968 dated **24/11/2021.**
(2) CCA No. AWH - 119699 dated: 09/09/2022. (CCA Renewal)

Sir,

This has reference to the CCA order No: **AWH-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662, dated 09/09/2022** under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The Validity of this order will be up to 07/06/2029.

1. There shall be no change in production quantity/capacity.

2. Specific conditions:

- Unit shall comply with all the conditions stipulated by SEIAA in the order of Environment Clearance issued vide letter no. SEIAA/GUJ/EC/5(f)/893/2019, dated: 19/06/2019.
- Unit shall maintain ZLD.
- Unit shall use fresh raw material only.
- 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 strictly follow the Fly Ash Notification for disposal of generated ash.

3. CONDITION UNDER THE WATER ACT:

- 3.1** There shall be no change in water consumption, wastewater generation and their mode of disposal from proposed changes.

4. CONDITIONS UNDER THE AIR ACT:

- 4.1** There shall be no change in fuel consumption & flue gas emission from proposed changes.
4.2 There shall be no change in process gas emission from proposed changes.

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- 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-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662, dated 09/09/2022** is amended and shall now be read as under.

Sr. No.	Name of Haz. Waste	Cate. Num	Quantity in MT/Year			Facility
			Exi.	Pro.	Total	
1	Empty barrels/containers/liners contaminated with hazardous chemicals / wastes	33.1	225	--	225	Collection, Storage, Transportation, Disposal by sending it to an authorized decontamination facility/ recycler or reuse after decontamination or send back to the supplier or disposal at TSDF or Pre-Processing or Co-Processing at cement industry
2	Chemical Sludge from wastewater Treatment	35.3	2480 (ETP waste)	--	2480 (ETP waste)	Collection, Storage, Transportation, disposal to common TSDF or Pre-Processing or Co-Processing at cement industry
			320 (MEE waste)	--	320 (MEE waste)	
3	Used or Spent Oil	5.1	2.3	--	2.3	Collection, Storage, reuse in plant & machinery or sell to authorized register recyclers.
4	Any Process or Distillation Residue	36.1	480	--	480	Collection, Storage, Transportation, disposal by CHWIF or Pre-Processing or Co-Processing at cement industry
5	Ash from incineration and flue gas cleaning residue	37.2	12.48	--	12.48	Collection, storage, transportation & disposal at common TSDF.
6	Spent carbon or filter medium	36.2	40.80	--	40.80	Collection, storage, transportation & disposal at CHWIF or Pre-Processing or Co-Processing at cement industry



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7	Inorganic Acids (Spent Acids)	B15/26.3	86400	--	86400	Collection, Storage, Transportation, Disposed through end user who has valid permission under Rule-9 of Hazardous and Other Waste (M&TBM) Rules-2016 or Co Processing or as per CPCB SOPs which are released under Rule-9
8	Spent Catalyst	28.2	7.44	--	7.44	Collection, storage, transportation & disposal by selling to authorized recyclers for regeneration
9	Fly Ash	Z14	7560	--	7560	Collection, Storage, Transportation, Sold to Brick Manufacturer or other use i.e road construction or Co-Processing at cement industry
10	Insulation waste/ Thermocol	S1	--	80	80	Collection, storage, Transportation, disposal to common TSDF
11	PPE's Waste	33.2	--	100	100	Collection, Storage, Transportation disposal to common TSDF.
12	Battery waste	--	--	1500 Nos.	1500 Nos.	Collection, Storage, Transportation, Disposal by selling to authorized recyclers or send back to suppliers (Buyback)
13	Glass Waste	S7	--	10	10	Collection, Storage, Transportation, disposal /sold to scrap processors/Recyclers.
14	Cotton waste	33.2	--	25	25	Collection, Storage, Transportation disposal at TSDF Site or Pre-Processing or Co-Processing at cement industry.
15	Asbestos waste	15.2	--	100	100	Collection, Storage, Transportation disposal at TSDF Site.
16	Paper, paperboard and paper	B3	--	200	200	Collection, Storage, Transportation & disposal at TSDF

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	product wastes					Site/Incineration or Pre-Processing or Co- Processing at cement industry in case of contamination Or Sell out to Paper recyclers after shredding in case of Non contamination.
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- 6 All other conditions of the CCA order No: AWH-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662, dated 09/09/2022 will remain same.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(Arun G. Patel)
ENVIRONMENT ENGINEER

Outward No:682673,09/09/2022



NOTIFIED AREA AUTHORITY GIDC JHAGADIA
Office of the Chief Officer NAA, GIDC, JHAGADIA
Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia

Annexure-2

CONSUMER COPY

WATER BILL

Party Name : M/s. Aarti Industries Limited
Address : 758/1,2,3

Plot No. 758/1,2,3
Conn Given Qty 0.00

Category	INDUSTRIAL	Size (M.M.)	100	Conn No.	12
Bill No.	10/Oct24	Bill Month	Oct-24	Bill Date	12-Nov-24

Your Account Summary :-

Last Date :- 27-Nov-24

Total Outstanding Amount	Total Interest	This Month Charges	Total Amount Payable
9475.00	94.75	1858725.00	1868295

Last Bill Pay Amount :- 1218895.00 0.00

Last Bill Pay Date :- 15-Oct-24

This Month's Charges :-

Meter Status	Normal	
Current Reading	740757	
Previous Reading	708982	
Consumption	0.00	33795
Rate / 1000 Lit.		55.00
Normal Water Usage Charges	0.00	1858725.00
Excess Water Usage Charges		0.00
Fix Charges/Minimum	0.00	
Penalty	0.00	
Annexure Amt.	0.00	
This Month's Charges :	1858725.00	

Your Account Details :-

Outstanding	9475.00
Interest Rs	94.75
Penal Interest Rs	0.00
This Month Charges	1858725.00
Gross Amount	1868294.50
Net Amount (Before Last Date)	1868295.00
Amount Payable After Last Date	
Interest Rs	18682.00
Penal Interest Rs	4670.50
Gross Amount	1891647.00
Net Amount After Last Date	1891647.00

Payment Details				Chief Officer NAA, G.I.D.C., Jhagadia		
Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch

Bank Copy	
Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10/Oct24
Bill Date	12-Nov-24
Connection	12
Payable Before	27-Nov-24 1,868,294.50
Payable After	27-Nov-24 1,891,647.00
Payment Mode :	Chq/D.D. / Cash
Amount	
In Words Rs.	Eighteen Lakh Sixty Eight Thousand Two Hundred Ninety Four
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt. :
Bank	
Branch	
Contact No.	

Water Supply JHAG NA Copy	
Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10/Oct24
Bill Date	12-Nov-24
Connection	12
Payable Before	27-Nov-24 1,868,294.50
Payable After	27-Nov-24 1,891,647.00
Payment Mode :	Chq/D.D. / Cash
Amount	
In Words Rs.	Eighteen Lakh Sixty Eight Thousand Two Hundred Ninety Four
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt. :
Bank	
Branch	
Contact No.	

Note :

- Water charges shall have to be paid in favour of "WATER SUPPLY JHAGADIA NOTIFIED AREA" at Bank of Baroda - GIDC Jhagadia. Branch bearing ACCOUNT NO. 88070200000107 RTGS IFSC CODE BARB0JHABHA. Water charges if not paid within stipulated date of payment, will attract the interest (12% per annum) and Penal interest (3% per annum).
- Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Revert if quantity considered is not true.
- The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs. 1.10 = Rs. 55.00
- The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on Res Call No. +91-7800059722/23/24/25 & 7800059721, 97277 31065 OR email: sachinwatersupply@gmail.com



NOTIFIED AREA AUTHORITY GIDC JHAGADIA

Office of the Chief Officer NAA, GIDC, JHAGADIA
Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

WATER BILL

Party Name :	M/s. Aarti Industries Limited	Plot No.	758/1,2,3
Address :	758/1,2,3	Conn Given Qty	0.00
Category	INDUSTRIAL	Size (M.M.)	100
Bill No.	10\Nov\24	Conn No.	12
		Bill Month	Nov-24
		Bill Date	10-Dec-24

Your Account Summary :-

Last Date :- 25-Dec-24

Total Outstanding Amount	Total Interest	This Month Charges	Total Amount Payable
0.00	0.00	1811590.00	1811590

Last Bill Pay Amount :- 1868295.00

0.00

Last Bill Pay Date :- 26-Nov-24

This Month's Charges :-

Meter Status	Normal
Current Reading	773695
Previous Reading	740757
Consumption	0.00
Rate / 1000 Ltr.	55.00
Normal Water Usage Charges	0.00
Excess Water Usage Charges	0.00
Fix Charges/Minimum	0.00
Penalty	0.00
Annexure Amt.	0.00
This Month's Charges	1811590.00

Your Account Details :-

Outstanding	0.00
Interest Rs	0.00
Penal Interest Rs	0.00
This Month Charges	1811590.00
Gross Amount	1811589.75
Net Amount (Before Last Date)	1811590.00

Amount Payable After Last Date

Interest Rs	18115.90
Penal Interest Rs	4528.97
Gross Amount	1834234.62
Net Amount After Last Date	1834235.00

Payment Details

Chief Officer
NAA, G.I.D.C., Jhagadia

Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch
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Bank Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Nov\24
Bill Date	10-Dec-24
Connection	12
Payable Before	25-Dec-24
Payable After	25-Dec-24
Amount	1,811,589.75
	1,834,234.62
Payment Mode :	Chq/D.D. / Cash
Amount	Eighteen Lakh Eleven Thousand Five Hundred Ninety
in Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Water Supply JHG NA Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Nov\24
Bill Date	10-Dec-24
Connection	12
Payable Before	25-Dec-24
Payable After	25-Dec-24
Amount	1,811,589.75
	1,834,234.62
Payment Mode :	Chq/D.D. / Cash
Amount	Eighteen Lakh Eleven Thousand Five Hundred Ninety
in Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Note :

- Water charges shall have to be paid in favour of " WATER SUPPLY JHAGADIA NOTIFIED AREA " at Bank of Baroda - GIDC Jhagadia, Branch bearing ACCOUNT NO. 56070200000107 RTGS IFSC CODE: BARB0JHABHA, Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal interest (3% per annum)
- Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Revert if quantity considered is not true.
- The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs.1.10 = Rs. 55.00
- The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91- 7600059722/23/24/25 & 7600059721; 97277 31065 OR email: sachinwatersupply@gmail.com



NOTIFIED AREA AUTHORITY GIDC JHAGADIA

Office of the Chief Officer NAA, GIDC, JHAGADIA
Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

WATER BILL

Party Name : M/s. Aarti Industries Limited
Address : 758/1,2,3

Plot No. 758/1,2,3
Conn Given Qty 0.00

Category INDUSTRIAL
Bill No. 10\Dec24

Size (M.M.) 100
Bill Month Dec-24

Conn No. 12
Bill Date 10-Jan-25

Your Account Summary :-

Total Outstanding Amount	Total Interest	This Month Charges	Last Date :-	25-Jan-25	Total Amount Payable
0.00	0.00	1904210.00			1904210
Last Bill Pay Amount :-	1811590.00	0.00	Last Bill Pay Date :-	23-Dec-24	

This Month's Charges :-

Meter Status	Normal
Current Reading	808317
Previous Reading	773895
Consumption	0.00 34622
Rate / 1000 Ltr.	55.00
Normal Water Usage Charges	0.00 1904210.00
Excess Water Usage Charges	0.00
Fix Charges/Minimum	0.00
Penalty	0.00
Annexure Amt.	0.00
This Month's Charges :	1904210.00

Your Account Details :-

Outstanding	0.00
Interest Rs	0.00
Penal Interest Rs	0.00
This Month Charges	1904210.00
Gross Amount	1904210.00
Net Amount (Before Last Date)	1904210.00
Amount Payable After Last Date	
Interest Rs	19042.10
Penal Interest Rs	4760.52
Gross Amount	1928012.62
Net Amount After Last Date	1928013.00

Payment Details

Chief Officer

NAA, G.I.D.C., Jhagadia

Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch

Bank Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Dec24
Bill Date	10-Jan-25
Connection	12
Payable Before	25-Jan-25 1,904,210.00
Payable After	25-Jan-25 1,928,012.62
Payment Mode :	Chq/D.D. / Cash
Amount	Nineteen Lakh Four Thousand Two Hundred Ten
In Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Water Supply JHG NA Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Dec24
Bill Date	10-Jan-25
Connection	12
Payable Before	25-Jan-25 1,904,210.00
Payable After	25-Jan-25 1,928,012.62
Payment Mode :	Chq/D.D. / Cash
Amount	Nineteen Lakh Four Thousand Two Hundred Ten
In Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Note :

- Water charges shall have to be paid in favour of "WATER SUPPLY JHAGADIA NOTIFIED AREA" at Bank of Baroda - GIDC Jhagadia, Branch bearing ACCOUNT NO. 55070200000107 RTGS IFSC CODE: BARBOJHABHA. Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal interest (3% per annum)
- Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Even if quantity considered is not true.
- The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs 1.10 = Rs. 55.00
- The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91-7600059722/23/24/25 & 7600059721, 97277 31065_QR email: sachinwatersupply@gmail.com

**NOTIFIED AREA AUTHORITY GIDC JHAGADIA**Office of the Chief Officer NAA, GIDC, JHAGADIA
Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia**CONSUMER COPY****WATER BILL**Party Name : M/s. Aarti Industries Limited
Address : 758/1,2,3Plot No. 758/1,2,3
Conn Given Qty 0.00

Category	INDUSTRIAL	Size (M.M.)	100	Conn No.	12
Bill No.	10Jan25	Bill Month	Jan-25	Bill Date	12-Feb-25

Your Account Summary :-

Last Date :- 27-Feb-25

Total Outstanding Amount	Total Interest	This Month Charges	Total Amount Payable
0.00	0.00	1891450.00	1891450

Last Bill Pay Amount :- 1904210.00 0.00

Last Bill Pay Date :- 21-Jan-25

This Month's Charges :-

Meter Status	Normal
Current Reading	842707
Previous Reading	808317
Consumption	0.00 34390
Rate / 1000 Ltr.	55.00
Normal Water Usage Charges	0.00 1891450.00
Excess Water Usage Charges	0.00
Fix Charges/Minimum	0.00
Penalty	0.00
Annexure Amt.	0.00
This Month's Charges :	1891450.00

Your Account Details :-

Outstanding	0.00
Interest Rs	0.00
Penal Interest Rs	0.00
This Month Charges	1891450.00
Gross Amount	1891450.00
Net Amount (Before Last Date)	1891450.00

Amount Payable After Last Date

Interest Rs	18914.50
Penal Interest Rs	4728.63
Gross Amount	1915093.13
Net Amount After Last Date	1915093.00

Payment DetailsChief Officer
NAA, G.I.D.C., Jhagadia

Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch
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Bank Copy

Party Name M/s. Aarti Industries Limited
Property 758/1,2,3
Bill No 10Jan25
Bill Date 12-Feb-25
Connection 12
Payable Before 27-Feb-25 1,891,450.00
Payable After 27-Feb-25 1,915,093.13
Payment Mode : Chq/D.D. / Cash

Amount

in Words Rs. Eighteen Lakh Ninety One Thousand Four Hundred Fifty

Receipt Date

Chq/D.D. No. Chq/D.D. Dt :

Bank

Branch

Contact No.

Water Supply JHG NA Copy

Party Name M/s. Aarti Industries Limited
Property 758/1,2,3
Bill No 10Jan25
Bill Date 12-Feb-25
Connection 12
Payable Before 27-Feb-25 1,891,450.00
Payable After 27-Feb-25 1,915,093.13
Payment Mode : Chq/D.D. / Cash

Amount

in Words Rs. Eighteen Lakh Ninety One Thousand Four Hundred Fifty

Receipt Date

Chq/D.D. No. Chq/D.D. Dt :

Bank

Branch

Contact No.

Note :

- Water charges shall have to be paid in favour of " WATER SUPPLY JHAGADIA NOTIFIED AREA " at Bank of Baroda - GIDC Jhagadia. Branch bearing ACCOUNT NO. 56070200000107 RTGS IFSC CODE: BARB0JHABHA. Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal interest (3% per annum)
- Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Rivent if quantity considered is not true. *
- The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs. 1.10 = Rs. 55.00
- The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91- 7600059722/23/24/25 & 7600059721; 97277 31065 OR email: sachinwatersupply@gmail.com



NOTIFIED AREA AUTHORITY GIDC JHAGADIA

Office of the Chelf Officer NAA, GIDC, JHAGADIA
Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

WATER BILL

Party Name : M/s. Aarti Industries Limited
Address : 758/1,2,3

Plot No. 758/1,2,3
Conn Given Qty 0.00

Category INDUSTRIAL
Bill No. 10\Feb\25

Size (M.M.) 100
Bill Month Feb-25

Conn No. 12
Bill Date 07-Mar-25

Last Date :- 22-Mar-25

Your Account Summary :-

Total Outstanding Amount
0.00

Total Interest
0.00

This Month Charges
1718420.00

Total Amount Payable
1718420

Last Bill Pay Amount :- 1891450.00 0.00

Last Bill Pay Date :- 25-Feb-25

This Month's Charges :-

Meter Status	Normal
Current Reading	873951
Previous Reading	842707
Consumption	0.00 31244
Rate / 1000 Ltr.	55.00
Normal Water Usage Charges	0.00 1718420.00
Excess Water Usage Charges	0.00
Fix Charges/Minimum	0.00
Penalty	0.00
Annexure Amt.	0.00
This Month's Charges :	1718420.00

Your Account Details :-

Outstanding	0.00
Interest Rs	0.00
Penal Interest Rs	1718420.00
This Month Charges	1718420.00
Gross Amount	1718420.00
Net Amount (Before Last Date)	1718420.00

Amount Payable After Last Date

Interest Rs	17184.20
Penal Interest Rs	4296.05
Gross Amount	1739900.25
Net Amount After Last Date	1739900.00

Payment Details

Chelf Officer
NAA, G.I.D.C., Jhagadia

Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch

Bank Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Feb\25
Bill Date	07-Mar-25
Connection	12
Payable Before	22-Mar-25 1,718,420.00
Payable After	22-Mar-25 1,739,900.25
Payment Mode :	Chq/D.D. / Cash
Amount	Seventeen Lakh Eighteen Thousand Four Hundred Twenty
In Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Water Supply JHG NA Copy

Party Name	M/s. Aarti Industries Limited
Property	758/1,2,3
Bill No	10\Feb\25
Bill Date	07-Mar-25
Connection	12
Payable Before	22-Mar-25 1,718,420.00
Payable After	22-Mar-25 1,739,900.25
Payment Mode :	Chq/D.D. / Cash
Amount	Seventeen Lakh Eighteen Thousand Four Hundred Twenty
In Words Rs.	
Receipt Date	
Chq/D.D. No.	Chq/D.D. Dt :
Bank	
Branch	
Contact No.	

Note :

- Water charges shall have to be paid in favour of " WATER SUPPLY JHAGADIA NOTIFIED AREA " at Bank of Baroda - GIDC Jhagadia. Branch bearing ACCOUNT NO. 58070200000107 RTGS IFSC CODE: BARBOJHABHA. Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal Interest (3% per annum)
- Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Revert if quantity considered is not true. *
- The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs.1.10 = Rs. 55.00
- Amount Deposited in Water Supply Account will be considered against water bill only and will not be Refund or Transfer to any other Account.
- Payment Receipt of Notified Office should be deposited to Notified Area Office without fail.
- The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91- 7600059722/23/24/25 & 7600059721; 97277 31065_OR email: sachinwatersupply@gmail.com

OK
Pr
10/04/25

Manish
17/02/25



NOTIFIED AREA AUTHORITY GIDC JHAGADIA

Office of the Chelf Officer NAA, GIDC, JHAGADIA
Plot No. 40 , Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

WATER BILL

Party Name : M/s. Aarti Industries Limited
Address : 758/1,2,3

Plot No. 758/1,2,3
Conn Given Qty 0.00

Category INDUSTRIAL
Bill No. 10Mar25

Size (M.M.) 100
Bill Month Mar-25

Conn No. 12
Bill Date 08-Apr-25

Your Account Summary :-

Total Outstanding Amount
0.00

Total Interest
0.00

This Month Charges
1488850.00

Total Amount Payable
1488850

Last Bill Pay Amount :- 1718420.00 0.00

Last Bill Pay Date :- 18-Mar-25

Last Date :- 23-Apr-25

This Month's Charges :-

Meter Status Normal
Current Reading 901021
Previous Reading 873951
Consumption 0.00 27070
Rate / 1000 Ltr. 55.00
Normal Water Usage Charges 0.00 1488850.00
Excess Water Usage Charges 0.00
Fix Charges/Minimum 0.00
Penalty 0.00
Annexure Amt. 0.00
This Month's Charges : 1488850.00

Your Account Details :-

Outstanding 0.00
Interest Rs 0.00
Penal Interest Rs 0.00
This Month Charges 1488850.00
Gross Amount 1488850.00
Net Amount (Before Last Date) 1488850.00

Amount Payable After Last Date

Interest Rs 14888.50
Penal Interest Rs 3722.13
Gross Amount 1507460.63
Net Amount After Last Date 1507461.00

Payment Details

Chelf Officer
NAA, G.I.D.C., Jhagadia

Payment Mode	Amount	Date	Cheque/D.D. No.	Date	Bank	Branch

Bank Copy

Party Name M/s. Aarti Industries Limited
Property 758/1,2,3
Bill No 10Mar25
Bill Date 08-Apr-25
Connection 12
Payable Before 23-Apr-25 1,488,850.00
Payable After 23-Apr-25 1,507,460.63
Payment Mode : Chq/D.D. / Cash
Amount
In Words Rs. Fourteen Lakh Eighty Eight Thousand Eight Hundred Fifty
Receipt Date
Chq/D.D. No. Chq/D.D. Dt :
Bank
Branch
Contact No.

Water Supply JHG NA Copy

Party Name M/s. Aarti Industries Limited
Property 758/1,2,3
Bill No 10Mar25
Bill Date 08-Apr-25
Connection 12
Payable Before 23-Apr-25 1,488,850.00
Payable After 23-Apr-25 1,507,460.63
Payment Mode : Chq/D.D. / Cash
Amount
In Words Rs. Fourteen Lakh Eighty Eight Thousand Eight Hundred Fifty
Receipt Date
Chq/D.D. No. Chq/D.D. Dt :
Bank
Branch
Contact No.

Note :

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S. M. SAIYAD, IFS
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/5(f)/693/2019

Date: 19 JUN 2019

BY R.P.A.D.

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013.

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

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to **M/s. Aarti Industries Limited (Unit-I) for expansion of Synthetic Organic Chemical manufacturing plant at Plot No. 758/1, 2 & 3, GIDC Estate, Jhagadia, Dist: Bharuch**, vide this office letter no. **SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013**, is being subjected to amendment for the following change in the project.

And whereas SEIAA has granted Environment Clearance vide office order letter no. **SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013**, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/IND2/33695/2013 dated 01/04/2019. The project was scheduled for hearing in the SEAC meeting held on 24/04/2019.

The SEAC, Gujarat had recommended the project vide their letter dated 01/06/2019 to grant amendment in Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 24/04/2019. The proposal was considered by SEIAA, Gujarat in its meeting held on 03/06/2019 at Gandhinagar. After careful consideration, Environment Clearance order dated 22/04/2013 is hereby amended as under, subject to amendment with respect to changes in the planning of the project.

1. **Condition No. 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12** of the environmental clearance order no. **SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013** have been amended and shall be read as under:

Condition No. 03 - There shall be no effluent discharge and unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground drainage connection disconnected before commencing the expanded production.

Unit shall receive additional effluent of 400.4 KLD from sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for treatment and treated wastewater of 370 KLD shall be sent back to them for reuse in their premises.

Condition No. 04 - Total 616.4 KLD [216 KLD – Aarti Industries Limited (Unit-I) + 400.4 KLD Aarti Industries Limited (Unit-II)] shall be treated in common/combined ETP.

Condition No. 05 - Unit shall install combined ETP of adequate capacity consisting primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.

Condition No. 06 - Entire quantity of effluent (616.4 KLD) shall be treated in the Combined ETP consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.



- Condition No. 07 -** Out of 580 KLD of RO Permeate & MEE condensate; 370 KLD shall be send back to the sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for reuse and remaining 210 KLD shall be reused within plant premises.
- Condition No. 08 -** Out of 284.4 KLD of total process effluent (91 KLD from Unit-I + 193.4 KLD from Unit-II); 66 KLD of effluent shall be treated by Fenton Treatment followed by MEE - 1 & ATFD - 1 and 218.4 KLD of effluent shall be treated in ETP. Treated effluent from ETP (218.4 KLD) and MEE -1 condensate (60 KLD) shall be mixed and further treated in RO 1, 2, 3, 4.
- Condition No. 09 -** Remaining 332 KLD of effluent from utilities (125 KLD from Unit-I + 207 KLD from Unit-II) shall be treated by desilication process followed by RO - 5, 6.
- Condition No. 10 -** RO reject of RO-1, 2, 3, 4, 5, 6 shall be subjected to MEE -, 2, 3, 4 followed by ATDF 2, 3, 4. Condensate of 123 KLD (MEE - 2, 3, 4) shall be mixed with RO permeate of 208 KLD (RO - 1, 2, 3, 4), RO permeate of 249 KLD (RO - 5, 6) for reuse. 210 KLD of treated water shall be reused in Unit-I and remaining 370 KLD shall be send to unit-II for reuse.
- Condition No. 11 -** The unit shall provide metering facility at the inlets and outlets of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot and maintain the records of the same.
- Condition No. 12 -** Proper Logbooks of ETP, RO plants, MEE & ATFD operations, chemical consumptions, quantity and quality reused within premises, power generations, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot, etc. shall be maintained and furnished to the GPCB from time to time.

2. The following additional Conditions shall be added in the environmental clearance order no. SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013 and shall be read as under:


- Unit shall install adequate capacity of combined STP for treatment of domestic waste water 43 KLD (5 KLD from Unit-I + 38 KLD from Unit-II). Treated sewage shall be utilized for gardening & plantation purpose within premises of Unit-I (13 KLD) and Unit-II (30 KLD).
- Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.
- Regular performance evaluation of the combined ETP shall be undertaken every year to check its adequacy, through a reputed institute/organization and its records shall be maintained.
- Additional Imported Coal to the tune of 0.2 MT/hr shall be used as fuel in the existing Boilers for steam requirement for proposed Multiple Effect Evaporators.
- Hazardous waste management shall be as under:

Sr. No.	Type of waste	Category	Quantity			HW Disposal Management Facility
			Existing	Proposed	Total	
1.	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	I-33.1	225.00 MT/Year	00	225.000 MT/Year	Collection, Storage, Transportation and Disposal by send it to authorized decontamination facility / recycler or reuse or send back to supplier.

2.	Chemical sludge from waste water treatment	I-35.3	1200.00 MT/Year (ETP Waste)	2880 MT/Year	4080 MT/Year	Collection, Storage, Treatment, Transportation and Dispose at TSDF at BEIL.
			270 MT/Year (MEE Waste)	50 MT/Year	320 MT/Year	
3.	Used or Spent Oil	I-5.1	2.300 MT/Year	00	2.300 MT/Year	Collection, Storage, and Reuse in plant and machineries or sell to authorized registered recyclers.
4.	Any process or distillation residue	I-36.1	480.000 MT/Year	00	480.000 MT/Year	Collection, Storage, Transportation and Dispose at common incinerator of BEIL/SEPPL.
5.	Ash from incinerator and flue gas cleaning residue	I-37.2	12.480 MT/Year	00	12.480 MT/Year	Collection, Storage, Transportation and Dispose at TSDF at BEIL.
6.	Spent Carbon or filter medium	I-36.2	40.800 MT/Year	00	40.800 MT/Year	Collection, Storage, Transportation and Dispose at common incinerator of BEIL/SEPPL.
7.	Inorganic Acids (Spent Acids)	II-B15	86400.000 MT/Year	00	86400.000 MT/Year	Collection, Storage, Transportation, Disposed through end user who has valid permission under Rule-9 of Hazardous and Other Waste (M&TBM) Rules-2016.
8.	Spent Catalyst	I-28.2	7.440 MT/Year	00	7.440 MT/Year	Collection, Storage, Transportation and Disposal by selling to authorized recycler for regeneration.
9.	Fly Ash	Z-Z14	7560.000 MT/Year	00	7560.000 MT/Year	Collection, Storage, Transportation and Disposal by selling to Brick Manufacturer or Cement Industry.

Rest of all the conditions of the Environment Clearance orders no **SEIAA/GUJ/EC/5(f)/81/2013** dated **22/04/2013** shall remain unchanged.

With regards,
Yours sincerely,


S. M. SAIYAD
Member Secretary

Issued to:

M/s. Aarti Industries Limited (Unit-I)
C/o. Aarti Industries Limited (Organic Division)
Plot No. 801/23, GIDC Estate,
Phase- III, Vapi- 396195



Annexure-4



GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION
(A GOVT. OF GUJARAT UNDERTAKING)

Office of the Dy. Executive Engineer
Plot No. 40, Road No. 8, Near Pepsico co.
GIDC Jhagadia

Phone : (02645) 226154 Fax : (02645) 226009

No: GIDC/DEE/JHG/

284

Date:

19/6/12

CERTIFICATE

This is to certify that, The above Unit Visited on 31/05/2012. It is observed that M/s Aarti Industries Plot No. 758/1, 2, 3, GIDC Jhagadia has disconnected the Drainage Connection from 31/05/2012.

o/c

ghab
RAD


Dy. Executive Engineer
GIDC Jhagadia

To,
M/s Aarti Industries
Plot No. 758/1, 2, 3,
GIDC Jhagadia.

Rec'd by
2/25/2012



AARTI INDUSTRIES LIMITED

(A Government Recognised Export House)

Unit - I

Factory :

Plot No. 758/1, 2 & 3, P. B. No. 23,

G.I.D.C., Jhagadia - 393 110.

Dist. Bharuch, Gujarat, INDIA.

Ph. No. : 02645 - 226178, 226277

02645 : 226278, 226279

Mob. : 9537011711, 9537011811

Fax No. : 02645 - 226178

To

Date : 26/06/2012

Sr Environment Engineer

GPCB

Gandhinagar

Sub: Zero Discharge

ID : 14855

Respected Sir ,

We have installed Equipments for Zero Discharge & have not discharged any Treated Effluent to FETP (NCTL) since 16th April , 2012 . We have also got Disconnection Certificate from GIDC , Jhagadia. We are enclosing the copy of the same for your ready reference .

This is for your information please . We request you to please keep our consented quantity in Safe Custody for future .

Thanking You

For Aarti Industries Limited

(Authorised Signatory)

Encl: As above

Ph
27/6/2012

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

Regd. Office : Plot No. 801/23, G.I.D.C. Estate, Phase III, Vapi - 396 195.

Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

Admn. Office : Udyog Kshetra, 2nd Floor, Mulund, Goregaon Link Road, L.B.S. Marg, Mulund (West), Mumbai - 400 080.

Phone : (022) 25918195, 67976697, 67976666 Fax : (022) 25904806, 25653185, 67976687

Annexure-5



परिवेश
परावरण, वन और जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest and Climate Change



Dashboard |

Environment Clearance ▾

Forest Clearance ▾

Wildlife Clearance ▾

CRZ Clearance ▾

Go To Home Logout

Welcome Shankar Karhale, Project Proponent

List of **Uploaded** EC Compliance Reports

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status	View
1	SIA/GJ/IND2/33695/2013	EC/M/COMPLIANCE/111995677/2024	GUJARAT	2024	01 Dec(01 Apr - 30 Sep)	Half Yearly Compliance report to the conditions of Environment Clearance for a period of April 2024 to September 2024 SEIAA/GUJ/EC/5(f)/893/2019.	28-11- 2024	Submitted Successfully	View Report
	Amendment to Environment Clearance order No :- SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013.	SEIAA/GUJ/EC/5(f)/893/2019	BHARUCH						View Documents Compliance Summary
2	SEIAA/GUJ/EC/5(f)/81/2013	EC/M/COMPLIANCE/112277728/2024	GUJARAT	2024	01 Dec(01 Apr - 30 Sep)	Half Yearly Compliance report to the conditions of Environment Clearance for a period of April 2024 to September 2024 SEIAA/GUJ/EC/5(f)/81/2013.	28-11- 2024	Submitted Successfully	View Report
	Environment Clearance for the - M/s Aarti Industries Ltd. for expansion of synthetic organic chemical manufacturing unit at plot No. 750/1 & 2 CIDC	SEIAA/GUJ/EC/5(f)/81/2013	BHARUCH						View Documents Compliance Summary



21st June 2024

AIL/JH/2024/ENV/068

XGN ID: 14855

To,

✓ The Unit Head,
Environment Audit Cell,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector – 10 A,
Gandhinagar-382010

Subject : Submission of Environment Audit Report for April 23 to March 24

Respected Sir,

In reference to the above-mentioned subject, we are submitting herewith the Environment Audit Report for the period April 23 to March 24 in triplicate for Aarti Industries Limited (Unit-I) situated at Plot No: 758/1-2-3, GIDC Estate, Jhagadia. Audit has been carried out by Schedule-1 Auditor i.e Shree Dhanvantary College of Engineering & Technology.


Unit is ISO 14001:2015 certified, hence, made the payment of Rs. 10000/- through NEFT as an audit fee through Transaction No. YAXC2358766348 dated 21/06/2024. Payment receipt is enclosed herewith as **Annexure-1**.

We hope that the above is in order.

Thanking you,

Yours faithfully,

For, Aarti Industries Limited (Unit-I)


Authorized Signatory



Enclosure :

- Environment Audit Report-3 copies
- Environment audit fee payment receipt

CC to :

The Regional Office, GPCB Ankleshwar.


24/06/24
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

**NET Payment Receipt****PCB ID: 14855-Aarti Industries Ltd.**

Address : 758/1-2-3, , Jhagadia, Ankleshwar Pin : 393110

Application: 3013(EAF)-dd/MM/yyyy

Payment Id **538595**
Payment Date **21/06/2024**
Paid Amount **10000**
Bank Details **AXC-*****
Transaction No **YAXC2358766348**
Status **Success**
Remarks **Transaction Successful**
Referance No **3013**
Type **EAF-EAF-EAF**
MIS Date -
Date : 22/06/2024

Annexure- 7

EAR - APRIL 2023 TO MARCH 2024

M/S. AARTI INDUSTRIES LTD.

ENVIRONMENTAL MANAGEMENT SYSTEM ADEQUACY CERTIFICATE

The Environmental audit scheme was introduced by the Hon. Gujarat High Court vide its order dated 20-12-1996 and 13-03-1997 and modified vide order dated 16-09-1999. We are appointed by the GPCB, Gandhinagar as recognized auditor for compliance of the direction of the Hon. High Court in this matter and have carried out the environmental audit of:

a) M/S. AARTI INDUSTRIES LTD.

Plot No. 758/1-2-3, GIDC Estate Jhagadia, Taluka: Jhagadia,
Dist.- Bharuch- 393110, Gujarat, India

b) Manufacturing products & by products as under:

<u>NAME OF PRODUCTS & CAPACITY WITH YIELD/PURITY PER DAY.</u>						
B_1	Group Name	Product Name	Consented Quantity MTA	Actual Production MTA	Actual Production MT/Day	Yield/Purity per Day
1	Group- A	Mono nitro derivatives of Benzene & Chlorobenzene	72000	64784.799	177.01	NA
2	Group- B	Dinitro Derivatives of Benzene & MCB	36000	9490.949	25.93	NA
3	Group- C	Di Ethyl Sulphate	1200	0.000	0.00	NA
4	Group- D	Hydrogenated Products	60000	16361.230	44.70	NA
5	Group- E	Only Physical Separation of o/p/m Chloro Toluene	5400	0.000	0.00	NA
6	Group- F	Only Physical Separation of 2,3 DCNB, 3,4 DCNB	6600	2088.005	5.70	NA
7	Co-generation power plant (MWH)		4.5	3.725	3.725	NA

As per the directions of the Hon. High Court in environmental audit scheme and based on personal monitoring (Collection of samples, Analysis), We certify that the Environmental Management System provided by this industry for the products and capacity as stated above is adequate and efficacious to achieve the quality of effluents (Air + Waste water + Solid waste) as specified/ required consent / notification by GPCB, Gandhinagar for following quantity of effluent:

Sr. No.	Waste water	Contest Limit	Status
1.	Industrial Effluent	436.84 KL/Day	190.99 KL/Day
2.	Details of Air Emission Boiler Stack		Adequate

DETAILS OF HAZARDOUS/SOLID WASTE GENERATION				
Sr. No.	Waste Description	Consented Quantity in MT	Applied for Consent Amendment	Generated Quantity in MT
1	Empty barrels/ containers/ liners contaminated with hazardous chemicals/ wastes	225.00	225.00	212.450
2	Chemical sludge from wastewater treatment	2800.00	3500.00	3993.400
3	Used or Spent Oil	2.30	19.30	4.163
4	Any Process or Distillation Residue	480.00	2280.00	1788.207
5	Spent carbon or filter medium	40.80	40.80	24.160
6	Inorganic Acids (Spent Acids)	86400.00	86400.00	55051.540
7	Spent Catalyst	7.44	12.44	0.908
8	Fly Ash	7560.00	12560.00	9266.489
9	Insulation waste/Thermocol	80.00	120.00	60.480
Total Sludge Generation in MT		3993.40		
Total Production in MT		92724.98		
Sludge Generation Per Tone of product		0.043		

This certificate is valid for audit period (APRIL 2023 –MARCH 2024) only. However, it is subjected to automatic cancellation in case of any change in product profile/capacity, quality & quantity of effluents (Air + Wastewater + Solid waste) and efficiency of EMS equipment.

NAME & ADDRESS OF THE AUDITOR:

Environment Audit Lab
Shree Dhanvantary College of Engineering & Technology
Dhanvantary campus, Near Kim Railway station
Dist: surat -394110


Mrs. Limbachiya Urvashi
(Chemical Engineer)

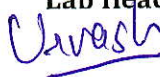
SIGNATURE OF THE AUTHORIZED PERSON


Mrs. Kinjal Patel
(Environmental Engineer)

MS.URVASHI LIMBACHIYA
Lab Head

Environmental Audit Lab





Date: 31/05/24
Place: SURAT


 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

ULR - TC153452500002651F			
Test Report No.	URA/25/03/AIL-J/S-012	Report Issue Date:	03/04/2025
Service Request form No.	URA/SRF/03/012	Service Request Date.:	05/03/2025
Sample ID No.	URA/ID/S-25/03/012	Field Data Sheet No.:	URA/FDS/S-25/03/012
Name & Add. of Customer	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Date of Sampling	05/03/2025	Date of Testing	06/03/2025
Stack Sampling Attached to	D.G set 1 (1010 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

 ➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UURL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

 ➤ **General Stack Observation**

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	13.2
7.	Exit Gas Flow	Nm ³ /h	1747.8

 ➤ **Test Parameter Results**

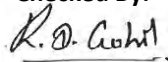
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm ³	74.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.4	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.4	50	IS 11255 (Part 7)

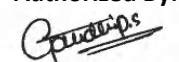
Note: 1) **BDL**-Below Detection Limit, 2) **MDL**- Minimum Detection Limit

Remarks:

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

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

Checked By:

Rajnish Gohil
 (Chemist)

Authorized By:

Pooja Gandhi
 (Env. Engineer)



TEST REPORT
STACK MONITORING

ULR - TC153452500002652F			
Test Report No.	URA/25/03/AIL-J/S-013	Report Issue Date:	03/04/2025
Service Request form No.	URA/SRF/03/013	Service Request Date.:	05/03/2025
Sample ID No.	URA/ID/S-25/03/013	Field Data Sheet No.:	URA/FDS/S-25/03/013
Name & Add. of Customer	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Date of Sampling	05/03/2025	Date of Testing	06/03/2025
Stack Sampling Attached to	D.G set 2 (1010 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UURL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

➤ **General Stack Observation**

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	11.6
7.	Exit Gas Flow	Nm ³ /h	1505.5

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm ³	71.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.0	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.9	50	IS 11255 (Part 7)

Note: 1) **BDL**-Below Detection Limit, 2) **MDL**- Minimum Detection Limit

Remarks:

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

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

Checked By:

R. D. Gohil
Rajnish Gohil
(Chemist)

Authorized By:

Pooja Gandhi
Pooja Gandhi
(Env. Engineer)



TEST REPORT
STACK MONITORING

ULR - TC153452500002653F			
Test Report No.	URA/25/03/AIL-J/S-014	Report Issue Date:	03/04/2025
Service Request form No.	URA/SRF/03/014	Service Request Date.:	05/03/2025
Sample ID No.	URA/ID/S-25/03/014	Field Data Sheet No.:	URA/FDS/S-25/03/014
Name & Add. of Customer	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Date of Sampling	05/03/2025	Date of Testing	06/03/2025
Stack Sampling Attached to	D.G set 3 (1010 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UURL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

➤ **General Stack Observation**

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	34
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	12.4
7.	Exit Gas Flow	Nm ³ /h	1641.9

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm ³	78.8	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	34.6	50	IS 11255 (Part 7)

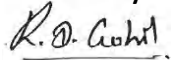
Note: 1) **BDL**-Below Detection Limit, 2) **MDL**- Minimum Detection Limit

Remarks:


Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)



TEST REPORT
STACK MONITORING

ULR - TC153452500002654F			
Test Report No.	URA/25/03/AIL-J/S-015	Report Issue Date:	03/04/2025
Service Request form No.	URA/SRF/03/015	Service Request Date.:	05/03/2025
Sample ID No.	URA/ID/S-25/03/015	Field Data Sheet No.:	URA/FDS/S-25/03/015
Name & Add. of Customer	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Date of Sampling	05/03/2025	Date of Testing	06/03/2025
Stack Sampling Attached to	D.G set 4 (1010 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UURL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

➤ **General Stack Observation**

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	34
5.	Flue Gas Temperature	°C	127
6.	Exit Gas Velocity	m/s	11.7
7.	Exit Gas Flow	Nm ³ /h	1529.8

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm ³	73.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	36.2	50	IS 11255 (Part 7)

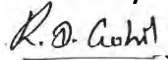
Note: 1) **BDL**-Below Detection Limit, 2) **MDL**- Minimum Detection Limit

Remarks:


Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

FORM NO. 37
(Prescribed under Rule 12-B)
Register Containing particulars of monitoring of working environment required under Section 7-A(2) (e)

1. Name of the Department/Plant.
2. Raw materials, by products and finished products involved in the process.
3. Particulars of sampling.

Sr. No. અનુ. નંબર	Location operation monitored સ્થળ	Identified contaminated પ્રદુષણની વિગત	Sampling instrument used કયા સાધનથી	Airborne Contamination		
				Numbering of samples નમુનાનો નંબર	Range રેન્જ	Average એવરેજ
1	2	3	4	5	6	7
21/03/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	9 PPM	9 PPM
2				01	8 PPM	
3	TOLUENE PUMP			01	10 PPM	
22/03/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	10 PPM	9 PPM
2				01	9 PPM	
3	TOLUENE PUMP			01	8 PPM	
23/3/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	12 PPM	11 PPM
2				01	11 PPM	
3	TOLUENE PUMP			01	11 PPM	
24/3/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	10 PPM	10 PPM
2				01	9 PPM	
3	TOLUENE PUMP			01	10 PPM	
25/03/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	9 PPM	8 PPM
2				01	8 PPM	
3	TOLUENE PUMP			01	7 PPM	
26/03/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	12 PPM	10 PPM
2				01	8 PPM	
3	TOLUENE PUMP			01	10 PPM	
27/03/25						
1	LOADING UNLOADING NEAR VENT	TOLUENE	VOC	01	10 PPM	10 PPM
2				01	12 PPM	
3	TOLUENE PUMP			01	8 PPM	

Annexure-9

ફોર્મ નંબર. 39
રૂલ 12-બી મુજબ

પ્રદુષણ નિવારણ અંગેનું રજીસ્ટર

TWA concentrations (As given in Second Schedule)	Reference method રેફરન્સ	Number of workers exposed at the location being monitored કામદારની સંખ્યા	Remarks વિશેષ નોંધ	Signature person taking samples નમુનો લઈ જનાર વ્યક્તિની સહી	Name (In block letters) નામ
8	9	10	11	12	13
	DIGITAL	01	WITH IN RANGE		NITESH
100 PPM	PID	02			
	SENSOR				
	DIGITAL		WITH IN RANGE		RAVI
100 PPM	PID	01			
	SENSOR				
	DIGITAL		WITH IN RANGE		NITESH
100 PPM	PID	02			
	SENSOR				
	DIGITAL		WITH IN RANGE		RAVI
100 PPM	PID	02			
	SENSOR				
	DIGITAL		WITH IN RANGE		NITESH
100 PPM	PID	03			
	SENSOR				
	DIGITAL		WITH IN RANGE		RAVI
100 PPM	PID	03			
	SENSOR				
	DIGITAL		WITH IN RANGE		NITESH
100 PPM	PID	03			
	SENSOR				


TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002584F				
Test Report No.:	URA/25/03/AIL-J/A-001	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/001	Service Request Date	04/03/2025	
Sample ID No.:	URA/ID/A-25/03/001	Field Data Sheet No.	URA/FDS/A-25/02/001	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	04/03/2025	Date of Testing	05/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Near Main Gate			
Environmental Conditions during Sampling :	Temp.:	Min.: 22 °C	Max.: 31 °C	Avg.: 26 °C
	Rel. Humidity:	Min.: 15 %	Max.: 60 %	Avg.: 32 %

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ General Sampling / Monitoring Observation as per CPCB Guideline

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.06
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1703.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

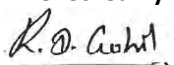
➤ Environmental Conditions during testing : Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

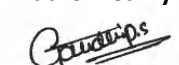
➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	88.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	38.6	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	17.8	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.5	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.1	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:

Rajnish Gohil
 (Chemist)

Authorized By:

Pooja Gandhi
 (Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-001	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/001	Service Request Date	04/03/2025
Sample ID No.:	URA/ID/A-25/03/001	Field Data Sheet No.	URA/FDS/A-25/02/001
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	04/03/2025	Date of Testing	05/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 22 °C	Max.: 31 °C
	Rel. Humidity:	Min.: 15 %	Max.: 60 %
		Avg.: 26 °C	Avg.: 32 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.06
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1703.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

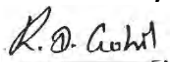
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.8	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002585F											
Test Report No.:		URA/25/03/AIL-J/A-002		Report Issue Date		03/04/2025					
Service Request form No.:		URA/SRF/03/002		Service Request Date		04/03/2025					
Sample ID No.:		URA/ID/A-25/03/002		Field Data Sheet No.		URA/FDS/A-25/02/002					
Name & Add. of Customer		M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:		04/03/2025		Date of Testing		05/03/2025					
Sampling Procedure:		As per CPCB Guidelines									
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)									
Environmental Conditions during Sampling :		Temp.:	Min.:	22	°C	Max.:	31	°C	Avg.:	26	°C
		Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM ₁₀	m ³ /min	1.12
3.	Volume of Air Sampled for PM ₁₀	m ³	1621.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

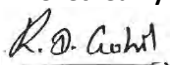
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	73.7	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	22.7	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	24.6	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	28.1	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	12.5	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	15.4	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

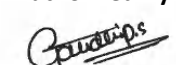
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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Consultant Organization

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ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-002	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/002	Service Request Date	04/03/2025
Sample ID No.:	URA/ID/A-25/03/002	Field Data Sheet No.	URA/FDS/A-25/02/002
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	04/03/2025	Date of Testing	05/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 22 °C	Max.: 31 °C
	Rel. Humidity:	Min.: 15 %	Max.: 60 %
		Avg.: 26 °C	Avg.: 32 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM ₁₀	m ³ /min	1.12
3.	Volume of Air Sampled for PM ₁₀	m ³	1621.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

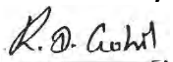
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002586F									
Test Report No.:		URA/25/03/AIL-J/A-003		Report Issue Date		03/04/2025			
Service Request form No.:		URA/SRF/03/003		Service Request Date		04/03/2025			
Sample ID No.:		URA/ID/A-25/03/003		Field Data Sheet No.		URA/FDS/A-25/02/003			
Name & Add. of Customer		M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA							
Dates of Sampling:		04/03/2025		Date of Testing		05/03/2025			
Sampling Procedure:		As per CPCB Guidelines							
Location of Sampling / Monitoring:		ETP Expansion (Nr. Cooling Tower)							
Environmental Conditions during Sampling :		Temp.:		Min.: 22 °C		Max.: 31 °C		Avg.: 26 °C	
		Rel. Humidity:		Min.: 15 %		Max.: 60 %		Avg.: 32 %	

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1628.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

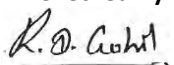
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	74.2	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	30.2	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	18.8	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	21.7	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.1	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

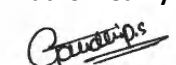
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

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Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-003	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/003	Service Request Date	04/03/2025
Sample ID No.:	URA/ID/A-25/03/003	Field Data Sheet No.	URA/FDS/A-25/02/003
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	04/03/2025	Date of Testing	05/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 22 °C	Max.: 31 °C
	Rel. Humidity:	Min.: 15 %	Max.: 60 %
		Avg.: 26 °C	Avg.: 32 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1628.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

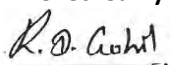
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

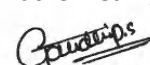
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002590F				
Test Report No.:	URA/25/03/AIL-J/A-007	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/007	Service Request Date	06/03/2025	
Sample ID No.:	URA/ID/A-25/03/007	Field Data Sheet No.	URA/FDS/A-25/02/007	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Near Main Gate			
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C	Avg.: 24 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.46
2.	Flow Rate of PM ₁₀	m ³ /min	1.12
3.	Volume of Air Sampled for PM ₁₀	m ³	1643.7
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.5

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

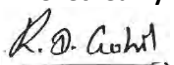
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	75.3	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	23.3	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	20.4	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	24.0	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	8.5	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	10.4	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

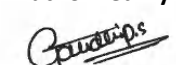
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-007	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/007	Service Request Date	06/03/2025
Sample ID No.:	URA/ID/A-25/03/007	Field Data Sheet No.	URA/FDS/A-25/02/007
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %
		Avg.: 24 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.46
2.	Flow Rate of PM ₁₀	m ³ /min	1.12
3.	Volume of Air Sampled for PM ₁₀	m ³	1643.7
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.5

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

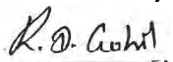
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.3	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002591F				
Test Report No.:	URA/25/03/AIL-J/A-008	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/008	Service Request Date	06/03/2025	
Sample ID No.:	URA/ID/A-25/03/008	Field Data Sheet No.	URA/FDS/A-25/02/008	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C	Avg.: 24 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.03
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1557.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

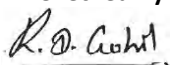
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	78.6	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	35.3	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	20.8	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	24.5	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.1	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

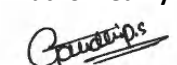
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

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Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-008	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/008	Service Request Date	06/03/2025
Sample ID No.:	URA/ID/A-25/03/008	Field Data Sheet No.	URA/FDS/A-25/02/008
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %
		Avg.: 24 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.03
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1557.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

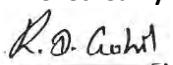
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

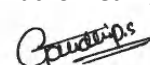
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002592F				
Test Report No.:	URA/25/03/AIL-J/A-009	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/009	Service Request Date	06/03/2025	
Sample ID No.:	URA/ID/A-25/03/009	Field Data Sheet No.	URA/FDS/A-25/02/009	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C	Avg.: 24 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.90
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1577.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	23.9

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

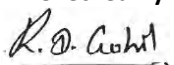
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	70.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	32.6	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	21.4	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	25.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	8.5	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	12.3	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

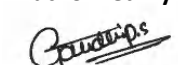
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-009	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/009	Service Request Date	06/03/2025
Sample ID No.:	URA/ID/A-25/03/009	Field Data Sheet No.	URA/FDS/A-25/02/009
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	06/03/2025	Date of Testing	07/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 15 °C	Max.: 33 °C
	Rel. Humidity:	Min.: 8 %	Max.: 59 %
		Avg.: 24 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.90
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1577.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	23.9

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

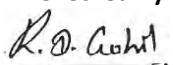
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.9	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

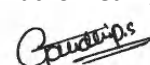
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002596F				
Test Report No.:	URA/25/03/AIL-J/A-013	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/013	Service Request Date	11/03/2025	
Sample ID No.:	URA/ID/A-25/03/013	Field Data Sheet No.	URA/FDS/A-25/02/013	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Near Main Gate			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 30 °C
	Rel. Humidity:	Min.: 16 %	Max.: 50 %	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.57
2.	Flow Rate of PM ₁₀	m ³ /min	1.07
3.	Volume of Air Sampled for PM ₁₀	m ³	1577.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

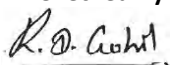
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	81.6	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	31.3	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	19.3	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.5	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

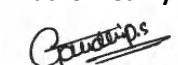
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

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GPCB Recognized Environmental
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ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-013	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/013	Service Request Date	11/03/2025
Sample ID No.:	URA/ID/A-25/03/013	Field Data Sheet No.	URA/FDS/A-25/02/013
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 16 %	Max.: 50 %
		Avg.: 30 °C	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.57
2.	Flow Rate of PM ₁₀	m ³ /min	1.07
3.	Volume of Air Sampled for PM ₁₀	m ³	1577.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

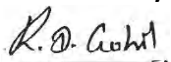
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.4	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002597F				
Test Report No.:	URA/25/03/AIL-J/A-014	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/014	Service Request Date	11/03/2025	
Sample ID No.:	URA/ID/A-25/03/014	Field Data Sheet No.	URA/FDS/A-25/02/014	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 30 °C
	Rel. Humidity:	Min.: 16 %	Max.: 50 %	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1700.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

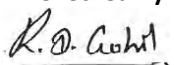
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	88.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	38.2	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	18.8	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	21.7	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	8.2	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	10.6	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	8.2	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

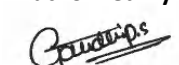
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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GPCB Recognized Environmental
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ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-014	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/014	Service Request Date	11/03/2025
Sample ID No.:	URA/ID/A-25/03/014	Field Data Sheet No.	URA/FDS/A-25/02/014
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 16 %	Max.: 50 %
		Avg.: 30 °C	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1700.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

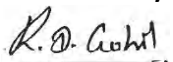
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002598F				
Test Report No.:	URA/25/03/AIL-J/A-015	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/015	Service Request Date	11/03/2025	
Sample ID No.:	URA/ID/A-25/03/015	Field Data Sheet No.	URA/FDS/A-25/02/015	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 30 °C
	Rel. Humidity:	Min.: 16 %	Max.: 50 %	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
2.	Flow Rate of PM ₁₀	m ³ /min	1.11
3.	Volume of Air Sampled for PM ₁₀	m ³	1605.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

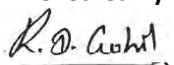
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	82.6	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	28.6	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	20.7	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.0	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	8.9	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	5.7	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

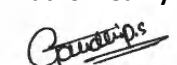
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

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Auditor (Schedule-11)

ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-015	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/015	Service Request Date	11/03/2025
Sample ID No.:	URA/ID/A-25/03/015	Field Data Sheet No.	URA/FDS/A-25/02/015
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	11/03/2025	Date of Testing	12/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C Max.: 38 °C	Avg.: 30 °C
	Rel. Humidity:	Min.: 16 % Max.: 50 %	Avg.: 31 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
2.	Flow Rate of PM ₁₀	m ³ /min	1.11
3.	Volume of Air Sampled for PM ₁₀	m ³	1605.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

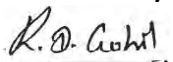
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002602F			
Test Report No.:	URA/25/03/AIL-J/A-019	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/019	Service Request Date	14/03/2025
Sample ID No.:	URA/ID/A-25/03/019	Field Data Sheet No.	URA/FDS/A-25/02/019
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %
		Avg.: 31 °C	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.25
2.	Flow Rate of PM ₁₀	m ³ /min	1.19
3.	Volume of Air Sampled for PM ₁₀	m ³	1731.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

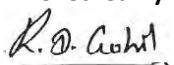
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	78.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	29.1	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	23.5	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	27.1	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	10.2	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	8.9	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	10.6	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

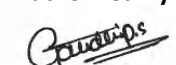
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-019	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/019	Service Request Date	14/03/2025
Sample ID No.:	URA/ID/A-25/03/019	Field Data Sheet No.	URA/FDS/A-25/02/019
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %
		Avg.: 31 °C	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.25
2.	Flow Rate of PM ₁₀	m ³ /min	1.19
3.	Volume of Air Sampled for PM ₁₀	m ³	1731.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

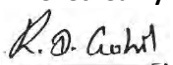
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

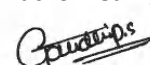
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002603F				
Test Report No.:	URA/25/03/AIL-J/A-020	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/020	Service Request Date	14/03/2025	
Sample ID No.:	URA/ID/A-25/03/020	Field Data Sheet No.	URA/FDS/A-25/02/020	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 31 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.19
2.	Flow Rate of PM ₁₀	m ³ /min	1.11
3.	Volume of Air Sampled for PM ₁₀	m ³	1611.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

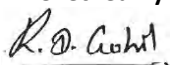
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	81.9	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	26.1	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	23.6	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	28.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	10.4	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

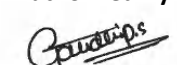
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-020	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/020	Service Request Date	14/03/2025
Sample ID No.:	URA/ID/A-25/03/020	Field Data Sheet No.	URA/FDS/A-25/02/020
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %
		Avg.: 31 °C	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.19
2.	Flow Rate of PM ₁₀	m ³ /min	1.11
3.	Volume of Air Sampled for PM ₁₀	m ³	1611.1
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

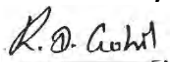
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.6	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002604F				
Test Report No.:	URA/25/03/AIL-J/A-021	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/021	Service Request Date	14/03/2025	
Sample ID No.:	URA/ID/A-25/03/021	Field Data Sheet No.	URA/FDS/A-25/02/021	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 31 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.54
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1663.8
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

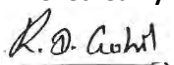
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	74.1	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	21.7	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	17.4	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	20.3	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.8	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

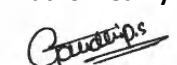
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

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Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-021	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/021	Service Request Date	14/03/2025
Sample ID No.:	URA/ID/A-25/03/021	Field Data Sheet No.	URA/FDS/A-25/02/021
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	14/03/2025	Date of Testing	17/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 13 %	Max.: 57 %
		Avg.: 31 °C	Avg.: 30 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.54
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1663.8
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

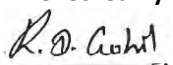
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.5	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

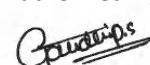
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002608F							
Test Report No.:	URA/25/03/AIL-J/A-025	Report Issue Date		03/04/2025			
Service Request form No.:	URA/SRF/03/025	Service Request Date		17/03/2025			
Sample ID No.:	URA/ID/A-25/03/025	Field Data Sheet No.		URA/FDS/A-25/02/025			
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA						
Dates of Sampling:	17/03/2025	Date of Testing		18/03/2025			
Sampling Procedure:	As per CPCB Guidelines						
Location of Sampling / Monitoring:		Near Main Gate					
Environmental Conditions during Sampling :	Temp.:	Min.:	19 °C	Max.:	34 °C	Avg.:	28 °C
	Rel. Humidity:	Min.:	12 %	Max.:	55 %	Avg.:	25 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.53
2.	Flow Rate of PM ₁₀	m ³ /min	1.14
3.	Volume of Air Sampled for PM ₁₀	m ³	1677.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

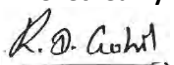
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	75.2	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	26.7	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	24.2	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	29.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	8.7	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	8.1	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

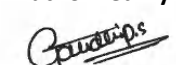
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-025	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/025	Service Request Date	17/03/2025
Sample ID No.:	URA/ID/A-25/03/025	Field Data Sheet No.	URA/FDS/A-25/02/025
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	17/03/2025	Date of Testing	18/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 19 °C	Max.: 34 °C
	Rel. Humidity:	Min.: 12 %	Max.: 55 %
		Avg.: 28 °C	Avg.: 25 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.53
2.	Flow Rate of PM ₁₀	m ³ /min	1.14
3.	Volume of Air Sampled for PM ₁₀	m ³	1677.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.6

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

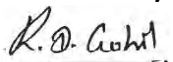
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002609F											
Test Report No.:		URA/25/03/AIL-J/A-026		Report Issue Date		03/04/2025					
Service Request form No.:		URA/SRF/03/026		Service Request Date		17/03/2025					
Sample ID No.:		URA/ID/A-25/03/026		Field Data Sheet No.		URA/FDS/A-25/02/026					
Name & Add. of Customer		M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:		17/03/2025		Date of Testing		18/03/2025					
Sampling Procedure:		As per CPCB Guidelines									
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)									
Environmental Conditions during Sampling :		Temp.:	Min.:	19	°C	Max.:	34	°C	Avg.:	28	°C
		Rel. Humidity:	Min.:	12	%	Max.:	55	%	Avg.:	25	%

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.24
2.	Flow Rate of PM ₁₀	m ³ /min	1.09
3.	Volume of Air Sampled for PM ₁₀	m ³	1585.3
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

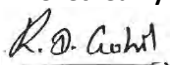
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	78.5	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	23.2	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	19.6	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.8	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	9.2	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

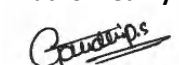
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-026	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/026	Service Request Date	17/03/2025
Sample ID No.:	URA/ID/A-25/03/026	Field Data Sheet No.	URA/FDS/A-25/02/026
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	17/03/2025	Date of Testing	18/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 19 °C	Max.: 34 °C
	Rel. Humidity:	Min.: 12 %	Max.: 55 %
		Avg.: 28 °C	Avg.: 25 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.24
2.	Flow Rate of PM ₁₀	m ³ /min	1.09
3.	Volume of Air Sampled for PM ₁₀	m ³	1585.3
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

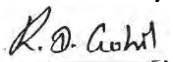
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002610F				
Test Report No.:	URA/25/03/AIL-J/A-027	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/027	Service Request Date	17/03/2025	
Sample ID No.:	URA/ID/A-25/03/027	Field Data Sheet No.	URA/FDS/A-25/02/027	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	17/03/2025	Date of Testing	18/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 19 °C	Max.: 34 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 12 %	Max.: 55 %	Avg.: 25 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.36
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1578.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

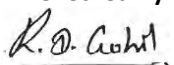
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	82.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	24.6	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	24.4	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	26.5	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	12.6	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	12.0	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

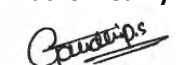
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-027	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/027	Service Request Date	17/03/2025
Sample ID No.:	URA/ID/A-25/03/027	Field Data Sheet No.	URA/FDS/A-25/02/027
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	17/03/2025	Date of Testing	18/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 19 °C	Max.: 34 °C
	Rel. Humidity:	Min.: 12 %	Max.: 55 %
		Avg.: 28 °C	Avg.: 25 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.36
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1578.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

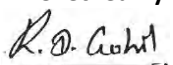
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.4	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

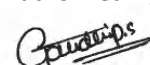
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002614F				
Test Report No.:	URA/25/03/AIL-J/A-031	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/031	Service Request Date	20/03/2025	
Sample ID No.:	URA/ID/A-25/03/031	Field Data Sheet No.	URA/FDS/A-25/02/031	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	20/03/2025	Date of Testing	21/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Near Main Gate			
Environmental Conditions during Sampling :	Temp.:	Min.: 21 °C	Max.: 34 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 18 %	Max.: 38 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.48
2.	Flow Rate of PM ₁₀	m ³ /min	1.07
3.	Volume of Air Sampled for PM ₁₀	m ³	1571.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.5

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

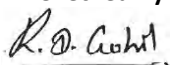
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	87.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	32.4	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	18.4	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	21.3	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

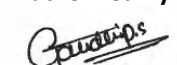
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-031	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/031	Service Request Date	20/03/2025
Sample ID No.:	URA/ID/A-25/03/031	Field Data Sheet No.	URA/FDS/A-25/02/031
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	20/03/2025	Date of Testing	21/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 21 °C	Max.: 34 °C
	Rel. Humidity:	Min.: 18 %	Max.: 38 %
		Avg.: 28 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.48
2.	Flow Rate of PM ₁₀	m ³ /min	1.07
3.	Volume of Air Sampled for PM ₁₀	m ³	1571.6
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.5

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

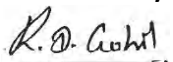
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.3	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002615F									
Test Report No.:		URA/25/03/AIL-J/A-032		Report Issue Date		03/04/2025			
Service Request form No.:		URA/SRF/03/032		Service Request Date		20/03/2025			
Sample ID No.:		URA/ID/A-25/03/032		Field Data Sheet No.		URA/FDS/A-25/02/032			
Name & Add. of Customer		M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA							
Dates of Sampling:		20/03/2025		Date of Testing		21/03/2025			
Sampling Procedure:		As per CPCB Guidelines							
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)							
Environmental Conditions during Sampling :		Temp.:		Min.: 21 °C		Max.: 34 °C		Avg.: 28 °C	
		Rel. Humidity:		Min.: 18 %		Max.: 38 %		Avg.: 27 %	

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1711.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

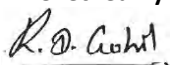
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	75.4	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	30.5	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	25.1	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	28.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	12.5	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	8.9	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.9	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

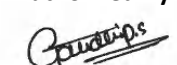
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-032	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/032	Service Request Date	20/03/2025
Sample ID No.:	URA/ID/A-25/03/032	Field Data Sheet No.	URA/FDS/A-25/02/032
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	20/03/2025	Date of Testing	21/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 21 °C	Max.: 34 °C
	Rel. Humidity:	Min.: 18 %	Max.: 38 %
		Avg.: 28 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
2.	Flow Rate of PM ₁₀	m ³ /min	1.18
3.	Volume of Air Sampled for PM ₁₀	m ³	1711.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

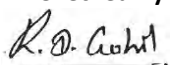
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	8.9	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

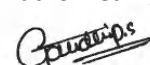
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002616F				
Test Report No.:	URA/25/03/AIL-J/A-033	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/033	Service Request Date	20/03/2025	
Sample ID No.:	URA/ID/A-25/03/033	Field Data Sheet No.	URA/FDS/A-25/02/033	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	20/03/2025	Date of Testing	21/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 21 °C	Max.: 34 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 18 %	Max.: 38 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.22
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1598.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

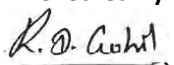
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	86.9	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	31.4	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	19.6	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.4	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	8.2	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	BDL (MDL:5.0)	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	3.3	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

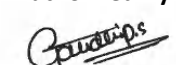
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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CIN: U73100GJ2007PTC051463

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GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-033	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/033	Service Request Date	20/03/2025
Sample ID No.:	URA/ID/A-25/03/033	Field Data Sheet No.	URA/FDS/A-25/02/033
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	20/03/2025	Date of Testing	21/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 21 °C Max.: 34 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 18 % Max.: 38 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.22
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1598.5
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.3

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

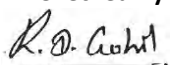
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

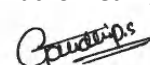
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002620F			
Test Report No.:	URA/25/03/AIL-J/A-037	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/037	Service Request Date	24/03/2025
Sample ID No.:	URA/ID/A-25/03/037	Field Data Sheet No.	URA/FDS/A-25/02/037
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %
		Avg.: 30 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM ₁₀	m ³ /min	1.17
3.	Volume of Air Sampled for PM ₁₀	m ³	1693.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

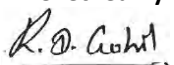
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	84.2	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	38.8	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	20.1	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	23.4	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	17.0	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	6.5	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

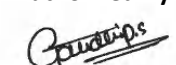
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

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ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-037	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/037	Service Request Date	24/03/2025
Sample ID No.:	URA/ID/A-25/03/037	Field Data Sheet No.	URA/FDS/A-25/02/037
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %
		Avg.: 30 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM ₁₀	m ³ /min	1.17
3.	Volume of Air Sampled for PM ₁₀	m ³	1693.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

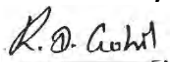
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002621F				
Test Report No.:	URA/25/03/AIL-J/A-038	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/038	Service Request Date	24/03/2025	
Sample ID No.:	URA/ID/A-25/03/038	Field Data Sheet No.	URA/FDS/A-25/02/038	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C	Avg.: 30 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
2.	Flow Rate of PM ₁₀	m ³ /min	1.14
3.	Volume of Air Sampled for PM ₁₀	m ³	1648.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

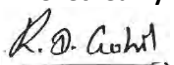
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	77.5	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	38.2	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	18.2	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	21.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	13.8	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	4.1	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

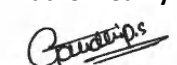
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

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Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-038	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/038	Service Request Date	24/03/2025
Sample ID No.:	URA/ID/A-25/03/038	Field Data Sheet No.	URA/FDS/A-25/02/038
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %
		Avg.: 30 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
2.	Flow Rate of PM ₁₀	m ³ /min	1.14
3.	Volume of Air Sampled for PM ₁₀	m ³	1648.4
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

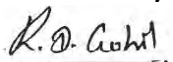
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.7	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002622F			
Test Report No.:	URA/25/03/AIL-J/A-039	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/039	Service Request Date	24/03/2025
Sample ID No.:	URA/ID/A-25/03/039	Field Data Sheet No.	URA/FDS/A-25/02/039
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %
		Avg.: 30 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.31
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1648.2
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

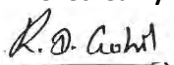
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	84.2	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	35.1	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	22.0	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	24.7	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	8.0	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

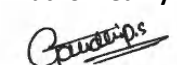
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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GPCB Recognized Environmental
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ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-039	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/039	Service Request Date	24/03/2025
Sample ID No.:	URA/ID/A-25/03/039	Field Data Sheet No.	URA/FDS/A-25/02/039
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	24/03/2025	Date of Testing	25/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 38 °C
	Rel. Humidity:	Min.: 12 %	Max.: 49 %
		Avg.: 30 °C	Avg.: 27 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.31
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1648.2
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

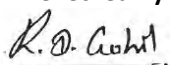
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

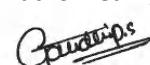
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002626F				
Test Report No.:	URA/25/03/AIL-J/A-043	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/043	Service Request Date	27/03/2025	
Sample ID No.:	URA/ID/A-25/03/043	Field Data Sheet No.	URA/FDS/A-25/02/043	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Near Main Gate			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 35 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 19 %	Max.: 49 %	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1595.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

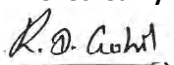
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	81.8	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	32.5	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	17.7	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	20.6	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	12.5	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	12.9	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	8.2	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

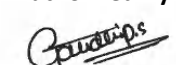
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-043	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/043	Service Request Date	27/03/2025
Sample ID No.:	URA/ID/A-25/03/043	Field Data Sheet No.	URA/FDS/A-25/02/043
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Near Main Gate		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 35 °C
	Rel. Humidity:	Min.: 19 %	Max.: 49 %
		Avg.: 28 °C	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	210103157	28/03/2024	27/03/2025
UERL/AIR/FPS/01	Fine Particulate Sampler	210202145	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
2.	Flow Rate of PM ₁₀	m ³ /min	1.10
3.	Volume of Air Sampled for PM ₁₀	m ³	1595.9
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.2

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

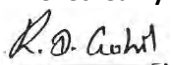
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	BDL (MDL:5.0)	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

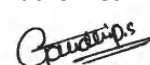
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002627F				
Test Report No.:	URA/25/03/AIL-J/A-044	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/044	Service Request Date	27/03/2025	
Sample ID No.:	URA/ID/A-25/03/044	Field Data Sheet No.	URA/FDS/A-25/02/044	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 35 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 19 %	Max.: 49 %	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.38
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1579.8
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

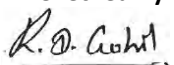
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	84.2	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	28.1	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	21.9	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	25.5	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	BDL (MDL:5.0)	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	8.8	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	BDL (MDL:2.0)	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

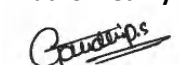
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

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Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
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GPCB Recognized Environmental
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ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-044	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/044	Service Request Date	27/03/2025
Sample ID No.:	URA/ID/A-25/03/044	Field Data Sheet No.	URA/FDS/A-25/02/044
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 35 °C
	Rel. Humidity:	Min.: 19 %	Max.: 49 %
		Avg.: 28 °C	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	28/03/2024	27/03/2025
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.38
2.	Flow Rate of PM ₁₀	m ³ /min	1.08
3.	Volume of Air Sampled for PM ₁₀	m ³	1579.8
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.4

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

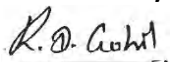
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	17.6	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



TEST REPORT
(AMBIENT AIR MONITORING)

ULR -TC153452500002628F				
Test Report No.:	URA/25/03/AIL-J/A-045	Report Issue Date	03/04/2025	
Service Request form No.:	URA/SRF/03/045	Service Request Date	27/03/2025	
Sample ID No.:	URA/ID/A-25/03/045	Field Data Sheet No.	URA/FDS/A-25/02/045	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA			
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025	
Sampling Procedure:	As per CPCB Guidelines			
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)			
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C	Max.: 35 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 19 %	Max.: 49 %	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.03
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1629.2
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

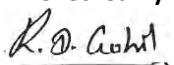
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Particulate Matter PM ₁₀	µg/m ³	85.7	100	IS: 5182 (Part 23)
2.	Particulate Matter PM _{2.5}	µg/m ³	38.2	60	IS 5182 (Part 24)
3.	Sulphur Dioxide	µg/m ³	23.3	80	IS: 5182 (Part 2)
4.	Nitrogen Dioxide	µg/m ³	25.0	80	IS: 5182 (Part 6)
5.	Ozone	µg/m ³	10.3	180	IS: 5182 (Part 9)
6.	Ammonia (NH ₃)	µg/m ³	12.2	400	IS: 5182 (Part 25)
7.	Carbon Monoxide (CO)	mg/m ³	BDL (MDL:1.0)	2.0	IS: 5182 (Part 10)
8.	Lead (Pb)	µg/m ³	BDL (MDL:0.5)	1.0	IS: 5182 (Part 22)
9.	Benzene	µg/m ³	BDL (MDL:1.0)	5.0	IS: 5182 (Part11)
10.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL (MDL:0.1)	1.0	IS: 5182 (Part 12)
11.	Nickel	ng/m ³	BDL (MDL:1.0)	20	IS: 5182 (Part 26)
12.	Arsenic	ng/m ³	BDL (MDL:1.0)	6.0	IS: 5182 (Part 22)
13.	Chlorine (Cl ₂)	µg/m ³	3.3	--	IS: 5182 (Part 19)
14.	Volatile Organic Compound	µg/m ³	BDL (MDL:1.0)	--	IS: 5182 (Part-11)

Remarks:

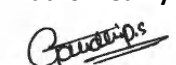
Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

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

Checked By:


Rajnish Gohil
(Chemist)

Authorized By:


Pooja Gandhi
(Env. Engineer)

Page No: 1

UERL/AIR/F-05/05

Note: This report is subject to Terms and Conditions mentioned overleaf.

Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat.

Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.

CIN: U73100GJ2007PTC051463

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.:	URA/25/03/AIL-J/A-045	Report Issue Date	03/04/2025
Service Request form No.:	URA/SRF/03/045	Service Request Date	27/03/2025
Sample ID No.:	URA/ID/A-25/03/045	Field Data Sheet No.	URA/FDS/A-25/02/045
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA		
Dates of Sampling:	27/03/2025	Date of Testing	28/03/2025
Sampling Procedure:	As per CPCB Guidelines		
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		
Environmental Conditions during Sampling :	Temp.:	Min.: 23 °C Max.: 35 °C	Avg.: 28 °C
	Rel. Humidity:	Min.: 19 % Max.: 49 %	Avg.: 33 %

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	28/03/2024	27/03/2025
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	28/03/2024	27/03/2025

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.03
2.	Flow Rate of PM ₁₀	m ³ /min	1.13
3.	Volume of Air Sampled for PM ₁₀	m ³	1629.2
4.	Volume of Air Sampled for PM _{2.5}	m ³	24.1

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%

➤ **Test Parameter Results**

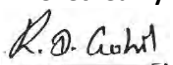
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m ³	26.8	--	UERL/AIR/SOP/07

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

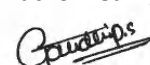
***** End of Report *****

Checked By:



Rajnish Gohil
(Chemist)

Authorized By:



Pooja Gandhi
(Env. Engineer)



AARTI INDUSTRIES LIMITED

(A Government Recognised Export House)

Unit - I

Factory :

Plot No. 758/1, 2 & 3, P. B. No. 23,
G.I.D.C., Jhagadia - 393-110.
Dist. Bharuch, Gujarat, INDIA.
Ph. No. : 02645 - 226278, 226277
EPABX No. : 9537011711, 9537011811
Fax No. : 02645 - 226178

To

Date : 17.10.2016

The Environment Engineer

Unit Head – Ankleshwar

GPCB, Gandhinagar

ID - 14855

Sub: Dismantling of Captive Liquid Incinerator

Respected Sir,

We are having Captive Liquid Incinerator of 20 KLD capacity . However , we have stopped using the same since May 2015 after successful commissioning & utilisation of ATFD at our unit to take care of MEE bottom material .

As Liquid Incinerator is no more being utilised , we would like to dismantle the same .

We request you to kindly take a note of the same .

Thanking You

Faithfully Yours

For Aarti Industries limited

Authorized Signatory

CC: Unit Head – Hazardous Waste Cell , GPCB - HO

: RO – GPCB, Ankleshwar

19/10/16
Gujarat Pollution Control Board
Sector No. 10 A,
Gandhinagar - 382 010.

Regd. Office : Plot No. 801/23, G.I.D.C. Estate, Phase III, Vapi - 396 195.
Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322
Admn. Office : Udyog Kshetra, 2nd Floor, Mulund, Goregaon Link Road, L.B.S. Marg, Mulund (West), Mumbai - 400 080.
Phone : (022) 25918195, 67976697, 67976666 Fax : (022) 25904806, 25653185, 67976687



BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref. BEIL/ANK/2025

08TH MAY 2025

TO,
AARTI INDUSTRIES LTD. UNIT-1 (758)
PLOT NO.758/-1-2-3,
GIDC ESTATE JHAGADIA,
DIST-BHARUCH, GUJARAT.

Sub: Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for **5 years up to 20/01/2030** for the common Solid/Hazardous waste disposal facility of **BEIL Infrastructure Limited.** (Formerly Known as Bharuch Enviro Infrastructure Limited.), at Ankleshwar/Dahej. You have booked solid waste quantity of **4000 MT/Years.** Your Membership No. is **JHG/008.**

Waste will be accepted after submitting valid authorization of GPCB.

- 1) Total TSDF Capacity of BEIL Ankleshwar: 5098000 MT**
- 2) Total Consented Capacity: 5098000 MT**
- 3) Total Occupied Capacity: 4523770.795 MT**
- 4) Spare Capacity: 0574229.205 MT**

Thanking you,

Yours faithfully,

For BEIL Infrastructure Limited.

(Formerly Known as Bharuch Enviro Infrastructure Limited.)

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



"Certificate"

DETOX INDIA
operated by  **VEOLIA**

Certificate No.:100207

To Whomsoever it may concern

This is to certify that
AARTI INDUSTRIES LTD.

PLOT NO. 758 / 1-2-3,
GIDC ESTATE JHAGADIA,
BHARUCH

is a valid member of

SAFE ENVIRO PRIVATE LIMITED

SEPL - Magnad

for

Integrated Common Hazardous Waste Management Facility

This membership is valid for a period of

05 Years

Date of Issue :27-10-2021

Date of Expiration : 27-10-2026

Place of Issue : Surat

For, Safe Enviro Private Limited

Director

SUBJECT TO SURAT JURISDICTION

Safe Enviro Private Limited

Survey No. 868, Village - Magnad, Tal. - Jambusar, Dist. - Bharuch - 392150 (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.safeenviro@veolia.com | CIN : U51101GJ2015PTC083237

Renewal

Certificate



To whomsoever it may concern
This is to certify that

Certificate No : 4100002257

AARTI INDUSTRIES LTD

PLOT NO-758/1-2-3,
GIDC ESTATE JHAGADIA,
JHAGADIA
Gujarat

is a valid member of

Recycling Solutions Private Limited Unit-I

for Alternate Fuel Resource Facility.

This membership is valid for a period of
10 Years

For, Recycling Solutions Private Limited Unit-I

Date of issue : 03.08.2023

Date of expiration : 02.08.2033

Place of issue : SURAT


 Director/Authorised signatory

Waste Information

SrNo	Type Of Waste	Sign Qty(TPA)	SrNo	Type Of Waste	Sign Qty(TPA)
1	DISTILLATION RESIDUE. - 28.1	240.000	2	ORGANIC RESIDUE. - 36.1	240.000
Total Sign Qty (TPA)					480.000

SUBJECT TO BHARUCH JURISDICTION

Page No : 1

Certificate



To whomsoever it may concern
This is to certify that

Certificate No : 4100002257

AARTI INDUSTRIES LIMITED

**PLOT NO-758/1-2-3,
GIDC ESTATE JHAGADIA,
JHAGADIA
Gujarat**

is a valid member of

Recycling Solutions Private Limited Unit-II

for Alternate Fuel Resource Facility.

**This membership is valid for a period of
10 Years**

For, Recycling Solutions Private Limited Unit-II

Date of Issue : 20.11.2019

Date of expiration : 19.11.2029

Place of issue : SURAT

Director/Authorised signatory

Waste Information

SrNo	Type Of Waste	Sign Qty(TPA)	SrNo	Type Of Waste	Sign Qty(TPA)
1	DISTILLATION RESIDUE.	240.000			0.000
Total Sign Qty (TPA)					240.000

SUBJECT TO JURISDICTION



Certificate

Certificate No.: 1200000010

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD.

PLOT NO. 758 / 1-2-3,
GIDC ESTATE JHAGADIA,
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 : 24.02.2022

Date of Expiration : 23.02.2027

Place of Issue : Surat

For, Saurashtra Enviro Projects Pvt. Ltd.

Director

SUBJECT TO SURAT JURISDICTION



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

06TH OCTOBER, 2022

To,
AARTI INDUSTRIES LTD. UNIT-1 (758)
PLOT No.758/1-2
GIDC,
JHAGADIA.

Sub: Membership Certificate for Incinerable Waste 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 & Dahej. You have booked quantity of **50 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/JHG/003**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For, BEIL INFRASTRUCTURE LIMITED


AUTHORISED SIGNATORY



भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
9वीं मंजिल, पार्क पैराडाइज, वडसर
वडोदरा- 390012
9th Floor, Park Paradise, Vadsar,
Vadodara - 390012

E-mail : jtcce.vadodara@explosives.gov.in

Phone/Fax No : 0265 - 2361035

संख्या /No. : P/WC/GJ/15/2598 (P12353)

दिनांक /Dated : 31/10/2023

सेवा में
/To,

M/S. AARTI INDUSTRIES LTD.,
758/1-A GIDC Jhagadia,,
JHAGADIA,
GIDC Jhagadia,
Bharuch,
Taluka: Jhagadia,
District: BHARUCH,
State: Gujarat
PIN: 393110

विषय Plot No, NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में स्थित
/Sub : विद्यमान पेट्रोलियम वर्ग A अधिष्ठापन में अनुज्ञप्ति सं P/WC/GJ/15/2598 (P12353) के नवीकरण के संदर्भ में।
Existing Petroleum Class A Installation at Plot No, NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH,
State: Gujarat, PIN: 393110 - Licence No. P/WC/GJ/15/2598 (P12353) - Renewal regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1507684 दिनांक 30/10/2023 का अवलोकन करें।

Please refer to your letter No.: OIN1507684, dated 30/10/2023

अनुज्ञप्ति संख्या P/WC/GJ/15/2598 (P12353) दिनांक 21/02/2018 को दिनांक 31/12/2028 तक नवीनीकृत कर इस पत्र के साथ अग्रप्रेषित की जा रही है।

Licence No. P/WC/GJ/15/2598 (P12353) dated 21/02/2018 is forwarded herewith duly renewed upto 31/12/2028.

2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें। अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व to Jt. Chief Controller of Explosives, Vadodara, so as to reach his कार्यालय में प्रस्तुत करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, Vadodara, so as to reach his office on or before the date on which Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((तेजवीर सिंह))
(Tejveer Singh))
उप विस्फोटक नियंत्रक
Dy. Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
वडोदरा/Vadodara

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

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

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/15/2598(P12353)**

फीस रूप (Fee Rs.) **22700/-** per year

M/S. AARTI INDUSTRIES LTD., 758/1-A GIDC Jhagadia,, JHAGADIA, GIDC Jhagadia, Bharuch, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम **404.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/WC/GJ/15/2598(P12353)** तारीख **07/09/2017** 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., 758/1-A GIDC Jhagadia,, JHAGADIA, GIDC Jhagadia, Bharuch, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** valid only for the importation and storage of **404.00 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/15/2598(P12353)** dated **07/09/2017** 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 **2028** तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December **2028**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	404.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
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	404.00 KL

August 17, 2000

For Jt. Chief Controller of Explosives
WC, Mumbai

- 1). Amendment dated - 05/08/2009
- 2). Amendment dated - 18/02/2010
- 3). Amendment dated - 21/02/2018

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टियां संलग्न अनुमोदित नक्शों में दिखाई गई हैं **Plot No: NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **FOUR UNDERGROUND PETROLEUM CLASS A STORAGE TANK TOGETHER WITH CONNECTED FACILITIES.** सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Plot No: NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** and consists of **FOUR UNDERGROUND PETROLEUM CLASS A STORAGE TANK TOGETHER WITH CONNECTED FACILITIES.** together with connected facilities.

Note:-This is system generated document does not require

signature.

अनुज्ञप्ति संख्या-(Licence No.) P/WC/GJ/15/2598 (P12353)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या 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। 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.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	09/01/2006	31/12/2008	Sd/- Rajnish Piplani
2).	19/11/2008	31/12/2009	Sd/- Ashendra Singh
3).	06/08/2009	31/12/2010	Sd/- Rajnish Piplani
4).	03/11/2010	31/12/2013	Sd/- Ashendra Singh
5).	21/10/2013	31/12/2023	Sd/- R.K.MAINDOLA Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Mumbai
6).	31/10/2023	31/12/2028	Tejveer Singh Dy. Controller of Explosives For Jt. Chief Controller of Explosives Vadodara

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.



भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
9वीं मंजिल, पार्क पैराडाइज, वडसर,
वडोदरा- 390012
9th Floor, Park Paradise,
Vadsar,
Vadodara - 390012

E-mail : jtce.vadodara@explosives.gov.in

Phone/Fax No : 0265 - 2361035

संख्या /No. : P/HQ/GJ/15/5018 (P168896)

दिनांक /Dated : 04/10/2024

सेवा में
/To,

M/s. M/s. Aarti Industries Ltd.,
Plot No. 758/1,2 & 3,
GIDC Jhagadia,
GIDC Jhagadia,
Jhagadia,
Taluka: Jhagadia,
District: BHARUCH,
State: Gujarat
PIN: 393110

विषय /Sub : Plot No, Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में
स्थित विद्यमान पेट्रोलियम वर्ग B,C अधिष्ठापन में अनुज्ञप्ति सं P/HQ/GJ/15/5018 (P168896) के नवीकरण के संदर्भ में।
Existing Petroleum Class B,C Installation at Plot No, Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District:
BHARUCH, State: Gujarat, PIN: 393110 - Licence No. P/HQ/GJ/15/5018 (P168896) - Renewal regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1784768 दिनांक 03/10/2024 का अवलोकन करें।

Please refer to your letter No.: OIN1784768, dated 03/10/2024

अनुज्ञप्ति संख्या P/HQ/GJ/15/5018 (P168896) दिनांक 23/01/2018 को दिनांक 31/12/2034 तक नवीनीकृत कर इस पत्र के साथ अग्रप्रेषित की जा रही है।
Licence No. P/HQ/GJ/15/5018 (P168896) dated 23/01/2018 is forwarded herewith duly renewed upto 31/12/2034.

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें। अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को
अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व Jt. Chief Controller of Explosives, Vadodara कार्यालय को प्रेषित करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the
Renewal of the licence to Jt. Chief Controller of Explosives, Vadodara, so as to reach his office on or before the date on which
Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((तेजवीर सिंह))
(Tejveer Singh)
उप विस्फोटक नियंत्रक
Dy. Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
वडोदरा/Vadodara

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

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)

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

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

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : **P/HQ/GJ/15/5018(P168896)**

फीस रूपए (Fee Rs.) **10300/- per year**

M/s. M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, GIDC Jhagadia, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम **94.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/HQ/GJ/15/5018(P168896)** तारीख **07/09/2017** 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 हैं।

Licence is hereby granted to **M/s. M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, GIDC Jhagadia, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** valid only for the importation and storage of **94.00 KL** Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/HQ/GJ/15/5018(P168896)** dated **07/09/2017** 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 **2034** तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December **2034**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	38.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	56.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C,otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	94.00 KL

July 28, 2009

Chief Controller of Explosives

1). Amendment dated - 23/01/2018

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: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **1 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C** , 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: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** and consists of **1 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C** , together with connected facilities.

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

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/GJ/15/5018 (P168896)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

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

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). | 22/11/2011 | 31/12/2014 | Sd/-
Dr. M.I.Z.Ansari |
| 2). | 14/11/2014 | 31/12/2024 | Sd/-
S K Shukla
Jt. Chief Controller of
Explosives
Mumbai |
| 3). | 04/10/2024 | 31/12/2034 | Tejveer Singh
Dy. Controller of Explosives
For Jt. Chief Controller of
Explosives
Vadodara |

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.



POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name	: AARTI INDUSTRIES LTD		
Insured's Details		Issuing Office Details	
Customer ID	: PO09969068	Office Code	: C.D.U (120400)
Address	: 2ND FLOOR, 221, UDYOG KSHETRA, LBS MARG, MULUND GOREGAON LINK ROAD, MULUND (WEST) MUMBAI, MAHARASHTRA, 400080	Address	: NEW INDIA CENTRE, 4TH FLOOR 17 -A, COOPERAGE ROAD, 400001
Phone No	: XXXXXX8086	Phone No	: 02222049713 / 02222815075
E-mail/Fax	: tanil.mathew@aarti-industries.com, /	E-mail/Fax	: nia.120400@newindia.co.in / 02222842678
PAN No	: AABCA2787L	S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	: 27AABCA2787L2ZB / NA	GSTIN	: 27AAACN4165C3ZP
		SAC	: 997139 (Other non-life insurance services excl RI)

Policy Details			
Policy Number	: 12040036243300000004	Business Source Code	
Period of Insurance	: From: 09/01/2025 12:00:01 AM To: 08/01/2026 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: Prudent Insurance Brokers Pvt. Ltd. - (2D10077353) Prudent Ins Brokers_120400 - (SI00034592),
Date of Proposal	: 09-Jan-25	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	:	Phone No	: NA / NA
Client Type	: Corporate	E-mail/Fax	: / /

Premium(₹)	ERF Premium(₹)	GST(₹)	Total (₹)	Total (₹ in words)	Receipt No. & Date
9000	9000	1,620	19,620	RUPEES NINETEEN THOUSAND SIX HUNDRED TWENTY ONLY	1204008124000000130 7 - 09/01/25

Details of risk covered under current year policy:

Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductible s No of workmen	No of Other Employee
09/01/2022	<= 15 Crore	22	50000000	1:3	150000000	5955000000	5741000000	4000	2400

Retroactive Dates

Retroactive Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductibles No of workmen	No of Other Employee
RETROACTIVE DATE 1	09/01/2022	<=15Crore	22	50000000	1.3	150000000	5955000000	5741000000	4000	2400

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Extensions under the Policy

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
-----------------------	----------------------------	------------------------------

Signature Not Verified
Digitally signed by DHIRAJ KUMAR
Date: 2025.01.09 15:18:27 +05'30'



Special Conditions	Claims made basis Territory & Jurisdiction : India NA	
Special Exclusions	NA	
Special Excess/Deductible	0	
Retroactive Dates	Date	
Retroactive date		09/01/2022

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Description	
Premium and GST Details		
	Rate of Tax	Amount in INR
Premium		₹ 18,000
SGST	9	810
CGST	9	810
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 09th day of January, 2025.

For and on behalf of
The New India Assurance Company Limited

Date of Issue: 09/01/2025

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank_____Dt._____consolidated Stamp Fees Paid by Pay Order Number_____vide receipt
number_____dt._____.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 12040024P0001589

IRDA Registration Number: 190
NIA PAN NUMBER: AAACN4165C



दि न्यू इन्डिया एश्योरन्स कंपनी लिमिटेड

(भारत सरकार का उपक्रम)

THE NEW INDIA ASSURANCE COMPANY LTD.

(Govt. of India Undertaking)

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

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

Phone : 22815075, 22892800

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



Public Liability Act policy

Issued at MUMBAI

DATE: 09/01/2025

Policy No : 12040036243300000004

Name of the Insured : AARTI INDUSTRIES LTD

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

Risk Locations :

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

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

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

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

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

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

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

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

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

Location 1: MUNDRA PORT Post Box No. 1 Mundra (Kutch), Gujarat 370421
Location 2: Deendayal Port, Kandla, Gujarat, Kutch, Pincode: 370210

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



Duly Constituted Attorney(S)



VISION POWER FACTx

POWER QUALITY – ENERGY AUDITS – SAFETY AUDITS – POWER SYSTEM STUDIES

AREA CLSSIFICATION REPORT

Client: Aarti Industries

Location: Jhgadla – Gujarat Plant

Unit 1 & Unit 2



VISION POWER FACTx

POWER QUALITY – ENERGY AUDITS – SAFETY AUDITS – POWER SYSTEM STUDIES

PROLOGUE

Area Classification Review or Hazardous Area Classification Review audit was conducted at Aarti Industries Ltd., Jhagadia GIDC in Gujarat. Aarti Industries Ltd. has two Units (Unit 1 & Unit 2) and both the units were covered in the Audit.

Area Classification Review involves in principle, a survey of electrical apparatus operating in plant where the process involves use of chemicals in liquid, gaseous, or powder form and reactions are brought about on large scale. The energy used in the process is largely deployed through apparatus/machinery using electrical power through electric motors and other electrical apparatus. Also, power electronic and automation devices operating under the environment come under the scope of review.

This report includes begins with basics of Area Classification, approach and methodology taken during Area classification Review, and finally area wise observations and finally recommendations for enhancing safety measures.

Audit was completed by the team members mentioned below in three visits to the plant.

Pradip Thakur

Prashant Samant

Tushar Jagdale

Dipti Dhakan

Rakesh Chouhan

Prasahnt Savant

It is hoped that the contents of the reports, suggestions and findings will be appreciated.

The filed team thanks all concerned engineers and managers for extending best of their cooperation and also sharing necessary information to the field team during the area classification review at the site.

For Vision Power Factx

Authorized Signatory



1.0 BASICS OF AREA CLASSIFICATION

EXPLOSION DUE TO FLAMMABLE GASES & VAPOURS:

The chemicals being used enter the surrounding (in the form of vapours, mist or gas) OR may be present in the powder form. If inflammable, these gases, vapours, mist or suspended particles may reach concentration levels good enough to cause explosion if the operating electrical apparatus lets out spark. Also, should the surface temperature of electrical apparatus reach the point where given concentration above LEL (Lower Explosive Limit) of flammable gases, vapours reach Auto Ignition point there can be an explosion.

EXPLOSION DUE TO FLAMMABLE DUST:

Five elements are necessary to initiate a dust explosion, often referred to as the “Dust Explosion Pentagon”.

1. Combustible dust (fuel);
2. Ignition source (heat); and,
3. Oxygen in air (oxidizer).

An additional two elements must be present for a combustible dust explosion:

4. Dispersion of dust particles in sufficient quantity and concentration; and,
5. Confinement of the dust cloud.

Area Classification as per IEC has Zone 0, Zone 1 & Zone 2 for protection against flammable volatile liquids, Mist, Gases and Vapours.

Area Classification as per IEC has Zone 20, Zone 21 & Zone 22 for protection against flammable dust particles.

The zone classification is based on the likelihood and the duration of an explosive atmosphere.

It is all about ensuring that electrical and power electronic equipment or apparatus or system design as well as installation meets with the criteria of Zone classifications.

Zone 0:

Is where, flammable substances in the form of gas, vapour or mist can remain present continuously or frequently. Such areas for example could be: Most often closed process vessels, closed storage tanks and closed containers IP 15 stipulates presence of flammable gases, vapours or mists for more than 1000 hours per Annum.

Zone 1:

Is where, flammable substances in the form of gas, vapour or mist are likely to occur in normal operation occasionally. Gas generator rooms inadequately ventilated pump rooms for flammable gases or for



VISION POWER FACTx

POWER QUALITY – ENERGY AUDITS – SAFETY AUDITS – POWER SYSTEM STUDIES

volatile flammable liquids IP 15 stipulates between presence of flammable gases, vapours or mists between 10 hours to 1000 hours per Annum.

Zone 2:

Is where explosive atmosphere consisting of air mixed with flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.

For an area to qualify as Zone 2 the following are the requirements.

1. The area is so well ventilated that if an abnormal conditions arises, ignitable concentrations of the gas or vapour are rapidly dispersed.
2. And complete segregation from Zone 1 locations is ensured.

IP 15 stipulates: flammable vapours or gases of less than 10 hours per annum

GAS GROUP & TEMPERATURE CLASS:

When performing Hazardous area zoning and compliances it necessary to look into **Two More** aspects.

1. Gas Group of flammable Atmosphere
2. Temperature Class for flammable Atmosphere

Explosion protected apparatus suitable for a Zone 1 area such as Flameproof (Ex d) apparatus is automatically suitable for all Zone 1 locations. This is misconception. The gas group of the environment also needs to be considered.

- a) **Group I** : Electrical equipment for mines susceptible to methane, &
- b) **Group II** : Electrical equipment for all places with an explosive gas atmosphere, other than mines susceptible to methane.

Group II is then further divided into subgroups II A, II B or II C.

If any equipment is certified for use in Gas Group IIC, it can be used for Gas Groups II B and II A.

If any equipment is certified for use in Gas Group IIB, it can be used for Gas Groups II A.

If any equipment is certified for use in Gas Group IIA, it cannot be used for Gas Groups II B and II C.

57001850

૧. પ્રા. કસગર ના રહ. અનુ. ન. :

2. Name of Work
૩. કાર્યગરનું નામ :

3. Sex : / જાતિ : M

4. Date of birth / જન્મ તારીખ : 05/12/1994

(Prescribed under Rule 68-T and 102)

HEALTH REGISTER.

Department/ Works	Name of hazardous / processes	Dangerous process/ operation	Nature of job or occupation	Raw materials, products or by products likely to be exposed to	Date of posting	Date of leaving/ transfer-to or transfer	Reasons for discharge/leaving or transfer
विभागा / प्रत्ये	जोखमी प्रत्येचे नाव	जोखमी प्रक्रिया प्रक्रिया	प्रत्येचे प्रकृत	जे प्रत्ये मध्ये असलेले आहे प्रत्येचे प्रकृत प्रत्ये प्रत्ये ते	निर्णयित तारीख	प्रत्येचे प्रत्ये असलेले तारीख	नोकरी प्रत्येचे प्रत्ये प्रत्येचे प्रत्येचे प्रत्ये
1	2	3	4	5	6	7	8

ETP
Ruby

ETP-1(142)	✓
ETP-3(Ruby)	✓
ETP-4(CPP, ETP)	

Benzene
Toluene
DNB,
NT, PDA
OT, DCA
Effluent

04/08/2017

Annexure-16

377

(નિયમ ૬૮-ટી અને ૧૦૨ હેઠળ આવેલ)

આરોગ્ય રજીસ્ટર

Maharanidas

Medical examination and the results thereof वैद्यिक तपासणी आणि प्रभावपूर्ण पत्र				If declared unfit for work काम भाटे अयोग्य झाले असे तो				Signature with date of the Factory Medical Officer/ the Certifying Surgeon.
Date	Signs and symptoms observed during examination	Nature of tests & results there of	Result Fit/unfit	Period of temporary withdrawal from that work	Reasons for such withdrawal	Date of declaring him unfit for that work	Date of issuing fitness certificate	
तारीख	तपासणी दरम्यान जखमांमार्फत आढळलेली लक्षणे	तपासणीची प्रकृती आणि परिणाम	योग्य/ अयोग्य	मोडक स्थगित करून	मोडक स्थगित करून	तारीख	तारीख	मोडक स्थगित करून तारीख
9	10	11	12	13	14	15	16	17

2/20/22

Nil

CBC	
M.hb	
U. phenal	Fit
physical	

Hi

25/08/2022

mil

Same or fit
Above
+
R-Reg

08/02/2023

 $\frac{1}{2}$

Same As	Fit
Above	

4/9/23

• some as fit
Above ERM
Audio

F17

28/03/24

21

physical	fit
patho.	
causes	

 $f^{-1}t$

11/10/24

5

Physical Fit
U-Phen
ECG
Meth Hb
Audio
X-Ray

Fit	
-----	--

Dr. Chetan Sheladiya
MBBS, CPH
Reg. No. G-64724
FACTORY MEDICAL OFFICER

Annexure-17

CSR/CER Activities from Oct'24 to Mar'25						
Sr No.	Plant Location	Name of Associated NGO	Nature of Work	Expended Amount (INR)	Beneficiary Students / Peoples	Impact on People's Life
1	AIL Jhagadia	Farmbridge	Farmer's Awareness & Training	400000	500 Farmers per Month 6000 Farmers per year for a period of 3 years	1. Increase in Farmer's Income 2. Decrease in Input Cost 3. Climate Change Adoption in Agriculture 4. Soil Health Improvement
2	AIL Jhagadia	Gram Vikas Trust	Vidhya Sathi Project at 69 Govt. schools of Bharuch district Total 78 teachers & 3 project co-ordinators	3400000	Students of 69 Gov. Schools	To enhance double student level in Education to Govt. Schools
3	AIL Jhagadia	Gram Vikas Trust	Aarti Play School (Hindi Medium)	600000	For education of 4 to 6 year child (70 Students)	To get the beneficiary to migrated workers family & motivate their children for education
4	AIL Jhagadia	CSE, Delhi	Environmental awareness among the school children and faculty members of the beneficiary institutions	1000000	libraries of 500 educational institutions in Bharuch, Valsad, Vadodara & Kutch districts of Gujarat State	for promoting environmental awareness among the school children and faculty members of the beneficiary institutions
5	AIL Jhagadia	Avika Bags	Blood Donation Camp	165000	363	Nobal Cause
6	AIL Jhagadia	Sadbhavna Seva Foundation	Tree Plantation 1000 nos under CMO's guidance by Sadbhavna Foundation at GIDC Area, Jhagadia	1000000	Protect Environment Surrounding Area	Protect Environment
7	AIL Jhagadia	Paryavaran Foundation	Social and educational assistance to the surrounding villages of Jhagadia Taluka	960000	For Educational & Infra Development of Surrounding villages of Jhagadia GIDC	Social and educational assistance to the surrounding villages of Jhagadia Taluka.
Total				7525000		



TEST REPORT

AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC153452500002686F			
Test Report No.:	URA/25/03/AIL-J/AN-001	Date Of Report:	03/04/2025
Name & Add. of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Sampling Method	IS : 9989 : 1981		

➤ Details of Instrument Used for Monitoring.

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

Date and Time of Monitoring : 05 & 08/03/2025

Result

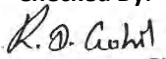
DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)		Permissible Limit CPCB	
		Day Time (6:00 – 22:00)	Night Time (22:00 – 6:00)	Day Time	Night Time
1.	Near VIP Gate	63.3	60.6	75 dB (A)	70 dB (A)
2.	Near Material Gate	66	58.4	75 dB (A)	70 dB (A)
3.	Near CN1 2 3 Nox Scrubber Area	70.7	65.7	75 dB (A)	70 dB (A)
4.	Near U/G Benzene Storage Area	66.6	61.8	75 dB (A)	70 dB (A)
5.	Near Gate No 2	70.9	65.4	75 dB (A)	70 dB (A)
6.	Near 30 TPH Boiler Area	68.1	64.0	75 dB (A)	70 dB (A)
7.	Near Acid Tank Farm Loading/Unloading Area	70.1	64.8	75 dB (A)	70 dB (A)
8.	150 KLD SBT Area	66.3	52.5	75 dB (A)	70 dB (A)
9.	Near NT Tank Farm	58.2	59.9	75 dB (A)	70 dB (A)
10.	Near MBR STP	67.5	63.0	75 dB (A)	70 dB (A)

Remarks:

Opinion & Interpretation (if required):

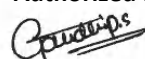
***** End of Report *****

Checked By:



 Rajnish Gohil
 (Chemist)

Authorized By:



 Pooja Gandhi
 (Env. Engineer)



TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC153452500002686F			
Test Report No.:	URA/25/03/AIL-J/AN-001	Date Of Report:	03/04/2025
Name & Add. of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Sampling Method	IS : 9989 : 1981		

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

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

Date and Time of Monitoring : 05 & 08/03/2025

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)		Permissible Limit CPCB	
		Day Time (6:00 – 22:00)	Night Time (22:00 – 6:00)	Day Time	Night Time
11.	Near Ash Silo (CPP Plant)	53.1	66.4	75 dB (A)	70 dB (A)
12.	Near ETP Expansion	59.8	55.7	75 dB (A)	70 dB (A)
13.	Near Utility DM Plant	72.9	68.5	75 dB (A)	70 dB (A)
14.	Near NEW ETP	73.7	68.7	75 dB (A)	70 dB (A)
15.	Near Utility RO Section	64	61.6	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

Remarks:
Opinion & Interpretation (if required):

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

Checked By:

R. D. Gohil

Rajnish Gohil
(Chemist)

Authorized By:

Pooja Gandhi

Pooja Gandhi
(Env. Engineer)



TEST REPORT
WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500002688F			
Test Report No.:	URA/25/03/AIL-J/WN-001	Date Of Report:	03/04/2025
Name & Add. of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Sampling Method	IS : 4758 : 1968		

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

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

Date and Time of Monitoring : 08/03/2025

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)
1.	Near D.G Set (1-4), PDC 1	70.2	85 dB (A)
2.	CLA Plant (Scrubber System)	72.1	85 dB (A)
3.	PCA Flaker	68.2	85 dB (A)
4.	Methanol Recovery Section (PPPPU Pump)	69.7	85 dB (A)
5.	Near Vacuum Pump (MEE 1 Plant)	69.7	85 dB (A)
6.	Near D.G Set (5&6), PDC 2	65.8	85 dB (A)
7.	MEE 2 3 4 Vacuum Pump	79.9	85 dB (A)
8.	Near AIR Compressor (17 & 30 TPH Boiler)	78.7	85 dB (A)
9.	150 KLD SBT Ozone Generator Vacuum Pump	66.7	85 dB (A)
10.	400 KL Aeration Tank Blower	81.1	85 dB (A)

TWA: Time Weighted Average.

Remarks:
Opinion & Interpretation (if required):

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

Checked By:

R. D. Gohil

Rajnish Gohil
(Chemist)

Authorized By:

Pooja Gandhi

Pooja Gandhi
(Env. Engineer)



TEST REPORT
WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500002688F			
Test Report No.:	URA/25/03/AIL-J/WN-001	Date Of Report:	03/04/2025
Name & Add. of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		
Sampling Method	IS : 4758 : 1968		

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

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

Date and Time of Monitoring : 08/03/2025

Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)
11.	Near ESP (CPP Plant)	83.2	85 dB(A)
12.	Near ESP (30 TPH Boiler)	81.2	85 dB(A)
13.	WTP Air Compressor (CPP Plant)	84.7	85 dB(A)
14.	Coal Conveyer Belt (CPP Plant)	74.5	85 dB(A)
15.	New Vacuum Skid & Surrounding Road	83.2	85 dB(A)

TWA: Time Weighted Average.

Remarks:
Opinion & Interpretation (if required):

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

Checked By:

R. D. Gohil

Rajnish Gohil
(Chemist)

Authorized By:

Pooja Gandhi

Pooja Gandhi
(Env. Engineer)



No. DyCEI/VDR/EAR/

580

/2022-23

Dtd: 16/3/2023

Annexure-19

(0265) 2436270

LETTER OF ACCEPTANCE OF ENERGY AUDIT REPORT

The Following Energy Audit report has been submitted to this office.

Name & Address of the Consumer : Aarti Industries Limited, plot. No.758/1,2,& 3, 576 /2& 3(A &B) 756/4(A&B)756/5(A&B)756/6, 756/7,756/8,756/9,778,779,GIDC Jhagadia, Dist. Bharuch -393110

Name & Address of the Auditor : Devaki Energy Consultancy PVT.LTD ,405 " IVORY TERRACE "R.C. Datt Road Vadodara 390007

Consumer No. : **39652**

Date of Submission : 13-12-2022

Contract Demand : 12500 KVA

This is to informed that the above audit report has been found as per the format prescribed by this department and hence the same has been accepted subject to condition that the Energy Auditor shall submit two follow up reports, each at an interval of six months, within one year from the date of submission of this report to this office. After submission of two follow up reports, required certificate will be issued.

(V K Purohit)
Dy. Chief Electrical Inspector,
South Zone, Vadodara

To,

- (1) Aarti Industries Limited, plot. No 758/1,2,& 3, 576 /2& 3(A &B) 756/4(A&B)756/5(A&B)756/6,756/7, 756/8,756/9,778,779,GIDC Jhagadia, Dist. Bharuch -393110
- (2) Devaki Energy Consultancy PVT.LTD ,405 " IVORY TERRACE "R.C. Datt Road Vadodara 390007
- (3) Office Copy

ENERGY AUDIT REPORT

**AARTI INDUSTRIES LIMITED,
Jhagadia, Gujarat**

Consumer no. 39652

Conducted by



DEVKI ENERGY CONSULTANCY PVT. LTD.
VADODARA, INDIA
www.devkienergy.com

2022

ACKNOWLEDGEMENTS

We thank the management of Aarti Industries, Jhagadia for entrusting the Energy Audit study to us. Our special thanks are due to the following persons for the co-operation extended to the energy audit team during the Energy Audit Study.

Mr. Ronak Kabra
Mr. Shailesh Aghera
Mr. Manish Pavasiya
Mr. Chatur Sambhoji
Mr. Vaseem Gazi
Mr. Smit Chauhan
Mr. Dipal Desai
Mr. Sankha Choudhury
Mr. Manjay Sharma
Mr. S S Devkar
Mr. Anudeep Thorat
Mr. Chetan Lad
Mr. Mohsin Dange
Mr. Rahul Bansal
Mr. Prashant Zala
Mr. Aamir Rangrej
Mr. Ankit Tiwari
Mr. Prem Mohite
Mr. Yogesh Goti
Mr. Kuldeep Parmar
Mr. Archan Patel
Mr. Chintan Jethva
Mr. Vaibhav Patel
Mr. Randhir Rana
Mr. Vinod Patel
Mr. Vipul Modi

We also thank all members in Production and Maintenance departments for assisting us in measurements and data collection.

Energy Audit Team

Mr. R. Paraman (Accredited Energy Auditor)
Ms. Ashwini Malvaniya
Mr. Prashant Jha
Mr. Kishan Parmar
Mr. Vijay Singh Patel
Mr. Vrittansh Srivastava



Government of Gujarat
Forests & Environment Department

GUJARAT CLEANER PRODUCTION AWARD 2014-15

This is to certify that

M/s. Marti Industries Limited (Unit-3), Jhagadia

*is conferred upon the Gujarat Cleaner Production Award in Large Scale Sector
for outstanding achievement in implementing the Cleaner Production Practices.*

Smt. D. Thara, IAS

Chairperson

Gujarat Cleaner Production Centre



Arvind Agarwal, IAS

Additional Chief Secretary

Forests & Environment Department, GoG



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Registrar of Companies, Ahmedabad
RoC Bhavan , Opp Rupal Park Society , Behind Ankur Bus Stop , Naranpura
Ahmedabad - 380013

Corporate Identity Number: L24110GJ1984PLC007301

(SECTION 66(5) OF THE COMPANIES ACT, 2013)

CERTIFICATE OF REGISTRATION OF ORDER CONFIRMING REDUCTION OF CAPITAL

M/s AARTI INDUSTRIES LTD having by special resolution passed on 13/02/2015 reduced its capital, and such reduction having been confirmed by an order dated 31/07/2015 of the Hon'ble HIGH COURT OF GUJARAT, HIGH COURT OF GUJARAT AT AHMEDABAD passed in Petition number 116 of 2015. I hereby certify that a copy of the said order and Minutes approved by the Hon'ble High Court of HIGH COURT OF GUJARAT AT AHMEDABAD showing the particulars of the capital and shares of the company as altered by the said order have this day been registered.
Given under my hand at Ahmedabad this Eighteenth day of September Two Thousand Fifteen.

Signature
valid


Digitally signed
by Rathod Kamleshkumar
Gangjibhai
Date: 2015.09.18
11:49:50
GMT+05:30

Rathod Kamleshkumar Gangjibhai
Assistant Registrar of Companies
Registrar of Companies
Ahmedabad

Mailing Address as per record available in Registrar of Companies office:
AARTI INDUSTRIES LTD
PLOT NO 801/23 GIDC ESTATE PHASE III, VAPI - 396195,
Gujarat, INDIA



OFFICE OF THE REGISTRAR OF COMPANIES, GUJARAT.

FORM - II

[See Regulation 20]

Memorandum Acknowledging Receipt of Documents

Co. No. 04-7301

The Registrar of companies acknowledges the receipt of the undermentioned document relating to AARTI INDUSTRIES

LIMITED.

Private Limited / Limited.

Description of Document :- Form No 23 alongwith special Resolution passed on 28/8/2002 U/S 17 of the Companies Act, 1956 for alteration in ~~the~~/other clause of the Memorandum of Association is taken on this office record on 26/9/2002.



Stamp of the Registrar of Companies, Gujarat

(U.S. PATIL)

ASSTT. REGISTRAR OF COMPANIES,

GUJARAT

Date 26/9/2002.

प्राकृप II
FORM II

[विनियम 20 देखिए]
[See Regulation 20]

दस्तावेजों की प्राप्ति अभिस्वीकृत करने वाला ज्ञापन
Memorandum acknowledging receipt of documents



संख्या

No. 04-7301

कम्पनियों के रजिस्ट्रार का कार्यालय
OFFICE OF THE REGISTRAR OF COMPANIES

कम्पनियों का रजिस्ट्रार

..... परिसीमित से सम्बन्धित निम्नलिखित दस्तावेज की प्राप्ति अभिस्वीकार करता है।

The Registrar of companies acknowledges the receipt of the undermentioned document relating to.....

M/S. AARTE INDUSTRIES LIMITED.....

दस्तावेज का वर्णन Form No. 23, alongwith Special Resolution passed

Description of document on 16.6.2000, U/s. 17 of the Companies Act

स्टेशन 1956, for alteration in main object clause of

सारांश Memorandum of Association of the company is taken on

Date record by this office on 24.6.2000.

जें० एस० सी-2.

J. S. C-2.

Dt. 24-6-2000

ASSTT.

REGISTRAR OF COMPANIES

प्रभासमूदेक-75 सिविल/88-89-प्रभासमूदेक (सी-124)-24-8-89-5,000.

MGIPC-75 CIVIL/88-89-GIPC-(C-124)-24-8-89-5,000.

gujarat

प्राकृप II
FORM II

[विनियम 20 देखिए]
[See Regulation 20]

दस्तावेजों को प्राप्ति अभिस्वीकृत करने वाला प्रापन
Memorandum acknowledging receipt of documents



04-7301

संख्या
No.

कम्पनियों के रजिस्ट्रार का कार्यालय
OFFICE OF THE REGISTRAR OF COMPANIES

कम्पनियों का रजिस्ट्रार

..... परिशिष्टित से सम्बन्धित निम्नलिखित दस्तावेज को प्राप्ति अभिस्वीकार करता है।

The Registrar of companies acknowledges the receipt of the undermentioned document relating to.....

..... **AARTI INDUSTRIES LIMITED** Limited.

दस्तावेज का वर्णन।

Description of document.

स्थान

Station

तारीख

Date

12/02/98

जे० एल० सी-2.

. 5. C-2.

The Form No.23 alongwith special Resolution passed u/s.17 of the Companies Act,1956 on 26/08/97 has been taken on record on 12/2/98.

(O. N. PANDE)

Asstt. REGISTRAR OF COMPANIES

भासमुटेक-75 सिविल/88-89-भासमुटेक(सी-124)-24-8-89-5,000.

महापट्ट-75 टावा/88-89-महापट्ट-(ट-124)-24-8-89-5,000.

ANNEXURE 22

Compliance of Risk Assessment & Disaster Management Plan

Sr. No.	CONDITIONS	COMPLIANCE
I	On-site Emergency Planning	Complied Onsite emergency plan is prepared as per DISH, Govt. of Gujarat guidelines & followed. Cover page and index of the on-site emergency plan is enclosed as Annexure-23
1	Preventive and predictive systems a. Protective systems b. Personal protective equipment	Complied a. Unit adheres to protective systems such as Safe Operating Procedure, Permit to work, Process Safety Interlocks, Training & Competency building, standard maintenance practices, HIRA/JSA, etc.. b. Unit ensures the use of Mandatory PPEs like Helmet safety Shoes, Safety goggles, face mask & Job specific PPEs like Cartridge gas mask, Breathing air, PVC Suit Etc.
2	Mock drill and simulation exercises	Complied Mock drills are being conducted as per the defined schedule considering the recommendations from Gujarat factory rules.
3	Mutual aid scheme	Complied The Mutual Aid Scheme is in place and operational & the same is enclosed herewith as Annexure-22A
4	Communication medical facilities	Complied. Well equipped OHC is functioning under the supervision of qualified Factory Medical Officers.
5	Reporting to external agencies	Complied Unit is reporting to DISH as per the requirement stipulated in Gujarat Factory Rules.
II	Off-site Emergency Planning	
1	Educating the people around	Complied Unit is participating in the Off site Emergency planning and drill to educate people. Coordination and communication as and when required is also ensured.
2	Mock drills	Complied Unit is participating in the mock drill conducted by District Authorities.

ANNEXURE 22

Compliance of Risk Assessment & Disaster Management Plan

3	Communication	Complied Unit ensures adequate communication to all applicable authorities & as and when required.
4	Transport	Complied Unit has an adequate and dedicated emergency transport facility.
5	Medical facilities	Complied, Unit has tied up with Hospitals to cater off-site medical emergencies.
6	Coordination	Complied Unit has formulated a Task force including experts from all disciplines to handle any off-site emergencies with better coordination.
7	Evacuation	Complied Evacuation will be ensured as per the off-site emergency plan.
8	Mutual aid scheme	Complied The Mutual Aid Scheme is in place and operational & the same is enclosed herewith as Annexure-22A

AGREEMENT FOR MUTUAL AID

This agreement is made at Jhagadia industrial estate, Jhagadia, Dist.: Bharuch on 1st September 2018 between the following companies.

Sr No	Name of the company	Address for communication
1	UPL Ltd.(Unit 5)	UPL Ltd Plot no 746 / 750 ,GIDC , Jhagadia Dist. :Bharuch ,State: Gujarat
2	DCM SHRIRAM Ltd. (Unit: Shriram Alkali & Chemicals)	DCM SHRIRAM LTD. (unit: Shriram Alkali & Chemicals) Plot no: 749, GIDC Industrial Estate, Jhagadia, Dist Bharuch State: Gujarat
3	LANKESS INDIA PVT. LTD.	PLOT NO- 748/2A, 3, 4A, 4B GIDC MEGA ESTATE JHAGADIA-393110 Dist BHARUCH
4	Vandhaman Azrylics Ltd.,	755, GIDC, Jhagadia Bharuch - 393110 arunbhadra@vandhaman.com
5	SAINT GOBAIN INDIA PVT LTD	PLOT No 36, GIDC JHAGADIA BHARUCH-393110
7	EVONIK SPECIALTY SILICA INDIA PVT. LTD	PLOT NO-754, GIDC JHAGADIA DIST- BHARUCH STATE- GUJARAT
8	KOHLER INDIA PVT. LTD.	PLOT NO-828, GIDC MEGA JHAGADIA-393110, Dist BHARUCH
9	PepsiCo India Holding Pvt Ltd., Jhagadia.	Plot NO. 97, GIDC Jhagadia, Dist. Bharuch State- Gujarat
10	AARTI INDUSTRIES LTD	PLOT NO. 758-1/2/3 & 758/2A- 3A-13, 4A-13, 5A-13, 6/7 & 77 GIDC MEGA ESTATE JHAGADIA-393110, Dist BHARUCH

MUTUAL AID AGREEMENTS

AS PER GUIDELINES OF FACTORIES ACT AND DIRECTOR OF INDUSTRIAL SAFETY AND HEALTH, WE SIGNATORIES OF THIS LETTER AGREE TO EXTEND MUTUAL HELP TO EACH OTHER AMONG THE GROUP AT THE TIME OF EMERGENCY ARISING DUE TO FIRE, GAS LEAK, EXPLOSION AND NATURAL CALAMITIES.

WE AGREE TO PROVIDE EQUIPMENT AND MANPOWER FOR CONTROLLING FIRE AND GAS LEAK AND ALSO TO SPARE RESOURCES FOR FIRST AID, RESCUE TRANSPORT, EVACUATION, COMMUNICATION AND SHELTER. THE COST OF CONSUMABLE WILL BE PAID BY AID DEMANDING INDUSTRY AS PER ACTUAL.

WE ALSO AGREE TO REVIEW AND UPDATE INFORMATION RELATED TO EMERGENCY PREPAREDNESS IN ANNEXURE -A ON A QUATERLY BASIS.

FOR UPL-5

Mr. Subhat Kumar Jhagadia
Unit Head



FOR DCM SHRIRAM LTD

Mr. K R Vaidya
Sr. VP & Head of Unit



FOR LANXESS INDIA P. LTD

(D.G. Dattaprasad Talekar)
FOR SAINT GOBIN



FOR VARDHMAN ACRYLICS LTD

Mr. Anurag Bhargava
Unit Head



FOR EVONIK SPECIALTY SILICA INDIA PVT. LTD.

Mr. Anurag Bhargava
FOR AARTI INDUSTRIES LTD



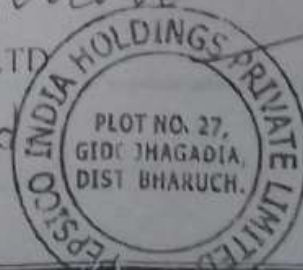
FOR KOHLER INDIA P. LTD

Vipinkumar



FOR PEPSICO HOLDING INDIA PVT. LTD

Mr. C. S. Guruprasad
Unit Head



(Sandeep Chandra)



Ref no. AIL/Lic. No.15451/2024-25/033

19/09/2024

To,
The Deputy Director.
Industrial safety & health,
2nd floor, Multi Storied Building,
Near new court,
Kanbi Vaga, Bharuch.

Sub: Submission of On Site Emergency Plan
Ref.: Factory License No.- 15451

Respected Sir ,

Inline with the above mentioned subject, hereby we are submitting Updated On site emergency plan of Plot No 758/1, 2 & 3, Survey No. 359, 360, 364. 358, 357, 356, 345, 348 GIDC Jhagadia Estate, Tal: Jhagadia, Dist.: Bharuch -393110.

In view of the above, We request to acknowledge the same and oblige.

Thanking You,
For, Aarti Industries Limited,

Mr. Samir Pandya

(Authorized Signatory)

Plot No 758/1, 2 & 3, Survey No. 359, 360, 364. 358, 357, 356, 345, 348 GIDC Jhagadia Estate, Tal: Jhagadia, Dist.: Bharuch -393110.

Encls: Annexure 1: On Site Emergency Plan



On-Site Emergency Plan

[Prepared as required by Schedule 8-A, Rule 68 – J (12) (1) of The GFR 1963]

&

[The rule 13(1) of MSIHC Rules 1989 (Manufacture, Storage and Import of Hazardous chemicals Rule -1989)]

OF

M/s. Aarti Industries Ltd.(Unit - 1)

Jhagadia

September 2024

Address:

Plot No:758/1,2&3, Survey No.
359,360,364,358,357,356,345,
348 GIDC
Jhagadia,
Dist-Bharuch,
Gujarat - 393110

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