

19<sup>th</sup> November 2025  
AIL/JH/2025/ENV/120

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 April 2025 to September 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 **April 2025 to September 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, Illrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA.

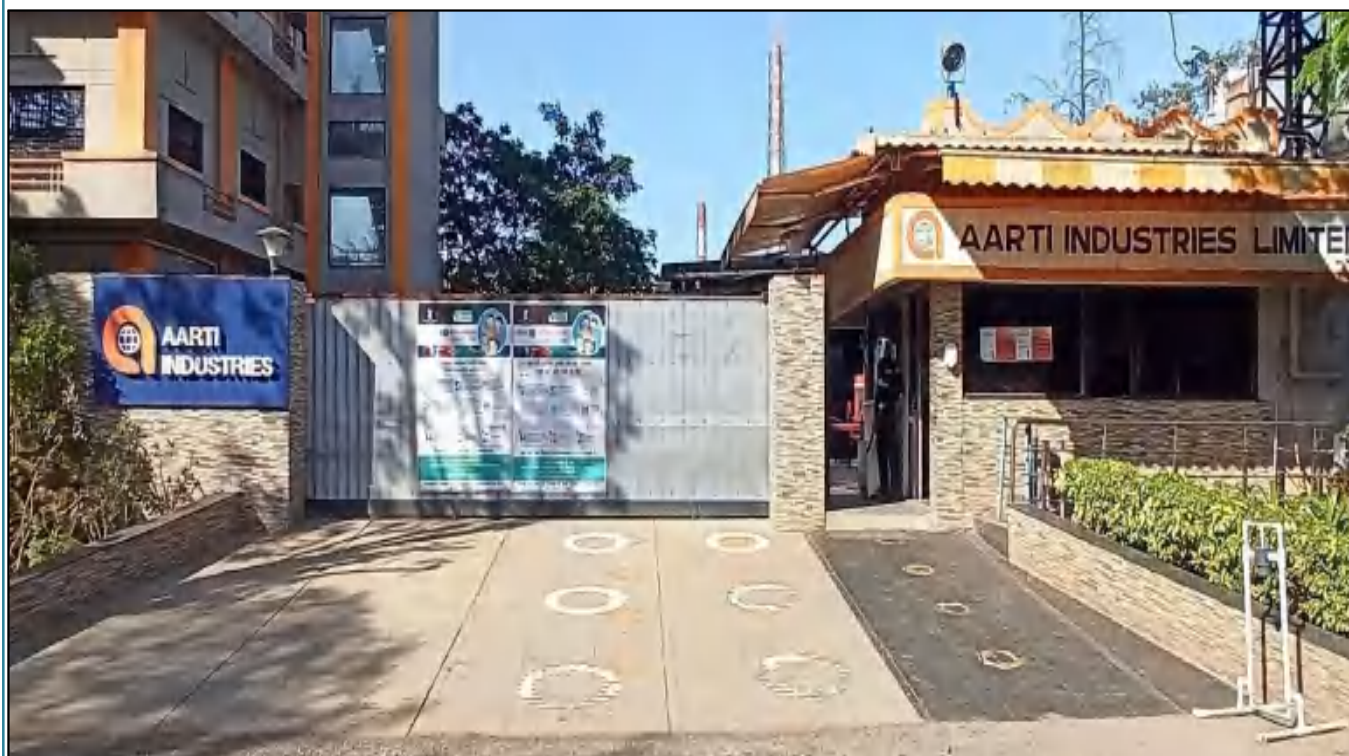
**Factory :** Plot No. 758/1, 2 & 3, Survey No. 359 & 360, GIDC Estate, Jhagadia, Taluka. Jhagadia,  
Dist. Bharuch, Gujarat - 393110. INDIA. T : 9537011711, 9537011811

**Admin. Office :** 4th Floor, Tower C, Embassy 247 Park, Gandhi Nagar, Vikhroli West, Mumbai - 400083, Maharashtra, India  
T : +91 22 6943 6100 / 6200 | 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**

**April 2025 to September 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 - April 2025 to September 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.	<b>Complied.</b>  We have amended the product profile through CTE-Product Mix Change- CTE No-128384 dated: 25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1 and Annexure-1A respectively as under:  Group A is further divided into following three group with the increase in the production capacity from 6000 MT/M to 9900 MT/M Group A1 – Mono-nitro derivatives of benzenes & chlorobenzene Group A2 – Mono-nitro derivatives of toluene Group A3 – Mono-nitro derivatives of dichlorobenzenes,				
2	Ortho Nitro Chloro Benzene									
3	Meta Nitro Chloro Benzene									
4	Ortho NitroCumene/ Para Nitro Cumene/ Meta Nitro Cumene									
5	Nitro Benzene									
6	Para Nitro Chloro 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									
						<table><tr><td>Month</td><td>Group A1 Total Production (MT/Month)</td></tr><tr><td>GPCB Permission</td><td>1500.000</td></tr></table>	Month	Group A1 Total Production (MT/Month)	GPCB Permission	1500.000
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GPCB Permission	1500.000									

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



**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

						<table><tr><td>Apr/25</td><td>1383.166</td></tr><tr><td>May/25</td><td>878.844</td></tr><tr><td>Jun/25</td><td>1153.507</td></tr><tr><td>Jul/25</td><td>685.502</td></tr><tr><td>Aug/25</td><td>1000.848</td></tr><tr><td>Sep/25</td><td>955.838</td></tr></table>	Apr/25	1383.166	May/25	878.844	Jun/25	1153.507	Jul/25	685.502	Aug/25	1000.848	Sep/25	955.838				
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						<table><tr><td>Month</td><td>Group A2 Total Production (MT/Month)</td></tr><tr><td>GPCB Permission</td><td>4800.000</td></tr><tr><td>Apr/25</td><td>3223.245</td></tr><tr><td>May/25</td><td>2346.881</td></tr><tr><td>Jun/25</td><td>3147.984</td></tr><tr><td>Jul/25</td><td>3172.176</td></tr><tr><td>Aug/25</td><td>3252.832</td></tr><tr><td>Sep/25</td><td>1951.091</td></tr></table>	Month	Group A2 Total Production (MT/Month)	GPCB Permission	4800.000	Apr/25	3223.245	May/25	2346.881	Jun/25	3147.984	Jul/25	3172.176	Aug/25	3252.832	Sep/25	1951.091
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						<table><tr><td>Month</td><td>Group A3 Total Production (MT/Month)</td></tr><tr><td>GPCB Permission</td><td>3600.000</td></tr><tr><td>Apr/25</td><td>1704.172</td></tr><tr><td>May/25</td><td>1249.407</td></tr><tr><td>Jun/25</td><td>1777.668</td></tr><tr><td>Jul/25</td><td>2396.464</td></tr><tr><td>Aug/25</td><td>2309.850</td></tr><tr><td>Sep/25</td><td>1722.143</td></tr></table>	Month	Group A3 Total Production (MT/Month)	GPCB Permission	3600.000	Apr/25	1704.172	May/25	1249.407	Jun/25	1777.668	Jul/25	2396.464	Aug/25	2309.850	Sep/25	1722.143
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						II	Group B : Di Nitro Derivatives of Benzenes & MCB															

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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1	Di Nitro Benzene	1500	1500	3000		<b>Complied</b>  <table><tr><td></td><td><b>Total Production (MT/Month)</b></td></tr><tr><td><b>Apr/25</b></td><td>1050.912</td></tr><tr><td><b>May/25</b></td><td>1398.962</td></tr><tr><td><b>Jun/25</b></td><td>1436.4</td></tr><tr><td><b>Jul/25</b></td><td>1241.931</td></tr><tr><td><b>Aug/25</b></td><td>1563.431</td></tr><tr><td><b>Sep/25</b></td><td>835.995</td></tr></table>  The production quantities are well within prescribed limits.		<b>Total Production (MT/Month)</b>	<b>Apr/25</b>	1050.912	<b>May/25</b>	1398.962	<b>Jun/25</b>	1436.4	<b>Jul/25</b>	1241.931	<b>Aug/25</b>	1563.431	<b>Sep/25</b>	835.995
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<b>Sep/25</b>	835.995																			
2	Di Nitro Chloro Benzene																			
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 &	<b>Complied</b> We have amended the product profile through CTE-Product Mix Change- CTE No-128384 dated: 25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1 and Annexure-1A  <table><tr><td></td><td><b>Total Production (MT/Month)</b></td></tr><tr><td><b>Month</b></td><td></td></tr></table>		<b>Total Production (MT/Month)</b>	<b>Month</b>											
	<b>Total Production (MT/Month)</b>																			
<b>Month</b>																				
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																			

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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	Diamine				2:3,2:4,2:5, 2:6 DCA As per EC, The Unit will manufact ure either one product or more than one product from a list of existing products and/ or proposed products @ 5000 MT/M.	<b>Apr/25</b>	1260.630
9	Ortho Anisidine					<b>May/25</b>	1864.320
10	Para Anisidine					<b>Jun/25</b>	1449.700
11	Chloro Fluoro Aniline					<b>Jul/25</b>	1901.550
12	Para Cumidine					<b>Aug/25</b>	1609.714
13	Para Amino Phenol					<b>Sep/25</b>	973.900
14	Meta Amino Phenol					The production quantities are well within prescribed limits.	
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						

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

# Environmental Clearance Compliance Report - April 2025 to September 2025

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

	TrichloroAniline															
28	Para Fluoro Aniline															
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		<b>Complied</b> We have amended the product profile through CTE-Product Mix Change- CTE No-128384 dated: 25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1 and Annexure-1A. <table><tr><td></td><td><b>Total Production (MT/Month)</b></td></tr><tr><td><b>Apr/25</b></td><td>8622.125</td></tr><tr><td><b>May/25</b></td><td>7738.414</td></tr><tr><td><b>Jun/25</b></td><td>8965.259</td></tr><tr><td><b>Jul/25</b></td><td>9397.623</td></tr></table>		<b>Total Production (MT/Month)</b>	<b>Apr/25</b>	8622.125	<b>May/25</b>	7738.414	<b>Jun/25</b>	8965.259	<b>Jul/25</b>	9397.623
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M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

# Environmental Clearance Compliance Report - April 2025 to September 2025

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

						<table><tr><td>Aug/25</td><td>9736.675</td></tr><tr><td>Sep/25</td><td>6438.997</td></tr></table> <p>The production quantities are well within prescribed limits.</p>	Aug/25	9736.675	Sep/25	6438.997										
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IV	Group D : Only Physical Separation																			
1	Ortho/Para/Meta Chloro Toluene	0	450	450	Separatio n By Distillatio n	<b>Complied</b> As per CCA No. AWH-119699 this group is renamed as Group F.														
2	2:3 DCNB/3:4 DCNB	0	550	550	Separatio n By Distillatio n	<b>Complied</b> <table><tr><th>Month</th><th>Total Production (MT/Month)</th></tr><tr><td>Apr/25</td><td>143.550</td></tr><tr><td>May/25</td><td>142.960</td></tr><tr><td>Jun/25</td><td>76.670</td></tr><tr><td>Jul/25</td><td>182.780</td></tr><tr><td>Aug/25</td><td>110.050</td></tr><tr><td>Sep/25</td><td>96.260</td></tr></table> <p>As per CCA No. AWH-119699 this group is renamed as Group F.</p> <p>The production quantities are well within prescribed limits.</p>	Month	Total Production (MT/Month)	Apr/25	143.550	May/25	142.960	Jun/25	76.670	Jul/25	182.780	Aug/25	110.050	Sep/25	96.260
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	Total of Group D	0	1000	1000		<b>Complied</b>														

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



**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

<b>A</b>	<b>SPECIFIC CONDITIONS:</b>																										
<b>A.1</b>	<b>WATER:</b>																										
1	<p>Total water requirement for the project shall not exceed 892 KL/day after the expansion and it shall be met through GIDC water supply only. No ground water shall be tapped for the project requirements in any case.</p>	<p><b>Complied.</b></p> <p>Unit receives water from the GIDC water supply only. No groundwater is extracted.</p> <p>Unit has increase the water consumption limit to 1118 KLD as per the CCA No. AWH-119699 dated 29/06/2022 valid up to 07/06/2029.</p> <p>We have further amended the water consumption details and the total water consumption limit is reduced to 1116.97 KLD from 1118 KLD through CTE-Product Mix Change- CTE No-128384 dated: 25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in <u>Annexure-1</u> and <u>Annexure-1A</u> respectively.</p> <p>Water Bill from GIDC is enclosed herewith as <u>Annexure-2</u></p> <p>Total water consumption as per Water Bills is tabulated below:</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td><b>Apr/25</b></td><td>31345</td><td>1044.83</td></tr> <tr> <td><b>May/25</b></td><td>31025</td><td>1000.81</td></tr> <tr> <td><b>Jun/25</b></td><td>31558</td><td>1051.93</td></tr> <tr> <td><b>Jul/25</b></td><td>28163</td><td>908.48</td></tr> <tr> <td><b>Aug/25</b></td><td>25991</td><td>838.42</td></tr> <tr> <td><b>Sep/25</b></td><td>23375</td><td>779.16</td></tr> </tbody> </table> <p>Water consumption is well within consent limits.</p>	Month	Water Consumption		Total	Avg	KL/Month	KLD	<b>Apr/25</b>	31345	1044.83	<b>May/25</b>	31025	1000.81	<b>Jun/25</b>	31558	1051.93	<b>Jul/25</b>	28163	908.48	<b>Aug/25</b>	25991	838.42	<b>Sep/25</b>	23375	779.16
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2	<p>Total effluent generation from the project shall not exceed 96 KL/day, (91 KL/day of industrial effluent &amp; 5 KL/day of domestic waste water) after the expansion.</p>	<p><b>Complied.</b></p> <p>Unit has decreased the industrial wastewater generation limit to 214.83 KLD from 216 KLD (as per the specific condition No.a) through CTE-Product Mix Change - CTE No-128384 dated:</p>																									

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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		<p>25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in <u>Annexure-1</u> and <u>Annexure-1A</u> respectively.</p> <p>Total industrial wastewater generation from is tabulated below:</p> <table border="1"> <thead> <tr> <th align="center" 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> </thead> <tbody> <tr> <td>Apr/25</td><td align="center">6153</td><td align="center">205</td></tr> <tr> <td>May/25</td><td align="center">5936</td><td align="center">191</td></tr> <tr> <td>Jun/25</td><td align="center">5596</td><td align="center">187</td></tr> <tr> <td>Jul/25</td><td align="center">5767</td><td align="center">186</td></tr> <tr> <td>Aug/25</td><td align="center">5921</td><td align="center">191</td></tr> <tr> <td>Sep/25</td><td align="center">4497</td><td align="center">150</td></tr> </tbody> </table> <p>The domestic wastewater generation limit is 5 KLD as per the specific condition No. I) of CCA No. AWH-119699 dated 29/06/2022 valid upto 07/06/2029.</p> <p>Total domestic wastewater generation from is tabulated below:</p> <table border="1"> <thead> <tr> <th align="center" 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>Apr/25</td><td align="center">140.20</td><td align="center">4.67</td></tr> <tr> <td>May/25</td><td align="center">148.60</td><td align="center">4.79</td></tr> <tr> <td>Jun/25</td><td align="center">137.90</td><td align="center">4.60</td></tr> <tr> <td>Jul/25</td><td align="center">152.40</td><td align="center">4.92</td></tr> <tr> <td>Aug/25</td><td align="center">149.30</td><td align="center">4.82</td></tr> <tr> <td>Sep/25</td><td align="center">144.50</td><td align="center">4.82</td></tr> </tbody> </table> <p>Wastewater generation is well within the prescribed limits.</p>	Industrial Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Apr/25	6153	205	May/25	5936	191	Jun/25	5596	187	Jul/25	5767	186	Aug/25	5921	191	Sep/25	4497	150	Domestic Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Apr/25	140.20	4.67	May/25	148.60	4.79	Jun/25	137.90	4.60	Jul/25	152.40	4.92	Aug/25	149.30	4.82	Sep/25	144.50	4.82
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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	<p><b>Complied.</b></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 <b>Annexure-3</b>.</p> <p>The unit is strictly adhering to Zero Liquid Discharge with an operational RO, MEE and ATFD System.</p>																																																				

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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	connection disconnected before commencing the expanded production.	Underground disconnection certificate from GIDC is enclosed herewith as <b>Annexure-4</b> .
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	<b>Complied.</b>  Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019. Unit has installed the RO Systems for Utility Effluent and treated effluent from ETP having a capacity of 500 KLD.
5	The existing ETP shall be upgraded to treat the increased quantum of effluent after the proposed expansion.	<b>Complied.</b>  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	<b>Complied.</b>  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.	<b>Complied.</b>  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	<b>Complied.</b>  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	<b>Complied.</b>  This condition is amended in the Environmental Clearance

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	tower whereas concentrate/residue from MEE (10 KL/day) shall be sent to the Crystalizer/Incinerator	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	<b>Complied.</b>  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 of ETP and maintain the records of the same	<b>Complied.</b>  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.	<b>Complied.</b>  This condition is amended in the Environmental Clearance amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
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.	<b>Complied.</b>  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.  Environment Audit for <b>FY-2024-25</b> was conducted by <b>M/s R. N. G. Patel Institute of Technology, Bardoli</b> . Unit has complied the observations made by the Auditor, which is enclosed herewith as <b><u>Annexure-5</u></b> & Adequacy Certificate for Environment Management systems is enclosed herewith as an <b><u>Annexure-6</u></b> .
14	The unit shall join and participate financially and technically for any common	<b>Complied.</b>  Noted, Unit will join & participate.

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	environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.																																																																																																																						
A.2	AIR:																																																																																																																						
15.	There shall be no additional process vent due to the proposed expansion.	<b>Complied</b> 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.	<b>Complied.</b>  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><td>DG Name</td><td colspan="3">DG-1</td><td colspan="3">DG-2</td><td colspan="3">DG-3</td><td colspan="3">DG-4</td></tr><tr><td>Parameters</td><td>PM</td><td>SO<sub>2</sub></td><td>NO<sub>x</sub></td><td>PM</td><td>SO<sub>2</sub></td><td>NO<sub>x</sub></td><td>PM</td><td>SO<sub>2</sub></td><td>NO<sub>x</sub></td><td>PM</td><td>SO<sub>2</sub></td><td>NO<sub>x</sub></td></tr><tr><td>CCA Limits</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><td>150 mg/ Nm3</td><td>100 ppm</td><td>50 ppm</td></tr><tr><td>Apr/25</td><td>63.9</td><td>5.8</td><td>32.8</td><td>80.2</td><td>6.4</td><td>37.3</td><td>77.9</td><td>7.2</td><td>36.9</td><td>80.4</td><td>5.8</td><td>32.8</td></tr><tr><td>May/25</td><td>81.4</td><td>6.4</td><td>36.1</td><td>73.2</td><td>5.8</td><td>32.9</td><td>80.4</td><td>6.8</td><td>35.8</td><td>71.6</td><td>5.2</td><td>37.6</td></tr><tr><td>Jun/25</td><td>76.1</td><td>5.2</td><td>32.9</td><td>84.2</td><td>6.8</td><td>36.7</td><td>67.6</td><td>5.8</td><td>37.4</td><td>73.2</td><td>5.8</td><td>35.2</td></tr><tr><td>Jul/25</td><td>80.4</td><td>5.8</td><td>34.4</td><td>76.3</td><td>6.6</td><td>38.2</td><td>70.9</td><td>6.2</td><td>33.8</td><td>82.4</td><td>6.8</td><td>38.6</td></tr><tr><td>Aug/25</td><td>73.4</td><td>6.3</td><td>32.1</td><td>70.8</td><td>5.9</td><td>35.8</td><td>82.6</td><td>5.5</td><td>30.7</td><td>78.3</td><td>6.4</td><td>36.6</td></tr><tr><td>Sep/25</td><td>69.2</td><td>5.8</td><td>33.6</td><td>73.1</td><td>6.2</td><td>30.8</td><td>75.2</td><td>5.4</td><td>33.9</td><td>71.3</td><td>5.8</td><td>31.8</td></tr></table> Copy of the DG Stack analysis report of Sep'25 is being enclosed as <b><u>Annexure-7</u></b> for your reference.	DG Name	DG-1			DG-2			DG-3			DG-4			Parameters	PM	SO <sub>2</sub>	NO <sub>x</sub>	PM	SO <sub>2</sub>	NO <sub>x</sub>	PM	SO <sub>2</sub>	NO <sub>x</sub>	PM	SO <sub>2</sub>	NO <sub>x</sub>	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	Apr/25	63.9	5.8	32.8	80.2	6.4	37.3	77.9	7.2	36.9	80.4	5.8	32.8	May/25	81.4	6.4	36.1	73.2	5.8	32.9	80.4	6.8	35.8	71.6	5.2	37.6	Jun/25	76.1	5.2	32.9	84.2	6.8	36.7	67.6	5.8	37.4	73.2	5.8	35.2	Jul/25	80.4	5.8	34.4	76.3	6.6	38.2	70.9	6.2	33.8	82.4	6.8	38.6	Aug/25	73.4	6.3	32.1	70.8	5.9	35.8	82.6	5.5	30.7	78.3	6.4	36.6	Sep/25	69.2	5.8	33.6	73.1	6.2	30.8	75.2	5.4	33.9	71.3	5.8	31.8
DG Name	DG-1			DG-2			DG-3			DG-4																																																																																																													
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Sep/25	69.2	5.8	33.6	73.1	6.2	30.8	75.2	5.4	33.9	71.3	5.8	31.8																																																																																																											
17.	Coal / lignite to the tune of 1 MT/Hour shall be used as fuel in the new Thermo-pack	<b>Complied.</b>																																																																																																																					

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	and adequate stack height as per prevailing norms shall be provided.	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.	<b>Complied.</b>  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.														
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	<b>Complied.</b>  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.	<b>Complied.</b> 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>Apr/25</td><td>97.34</td></tr><tr><td>May/25</td><td>97.53</td></tr><tr><td>Jun/25</td><td>96.72</td></tr><tr><td>Jul/25</td><td>97.58</td></tr><tr><td>Aug/25</td><td>96.94</td></tr><tr><td>Sep/25</td><td>97.48</td></tr></table>	Month	Methanol Recovery %	Apr/25	97.34	May/25	97.53	Jun/25	96.72	Jul/25	97.58	Aug/25	96.94	Sep/25	97.48
Month	Methanol Recovery %															
Apr/25	97.34															
May/25	97.53															
Jun/25	96.72															
Jul/25	97.58															
Aug/25	96.94															
Sep/25	97.48															

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			<b>Average</b>	<b>97.26%</b>	
		Solvent recoveries are >95%.			
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.	<b>Complied.</b>  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 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:	<b>Complied.</b>  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 the working environment required under Section 7 - A (2) (e) is herewith enclosed as <b><u>Annexure-8</u></b> .			
a.	All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.	<b>Complied.</b>  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.	<b>Complied.</b>  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.	<b>Complied.</b>  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.	<b>Complied.</b> 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	<b>Complied.</b> Water sprinklers are provided to suppress the dust. Refer photographs enclosed in condition no.22 (c)

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f.	Accumulated dust on the ground and other surfaces shall be removed / swept regularly and water the area after sweeping.	<p><b>Complied.</b></p> <p>The unit is continuously sweeping by using the sweeping machine in the area in order to remove the accumulated dust.</p> 
g.	Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.	<p><b>Complied.</b></p> <p>All the internal roads are concreted &amp; asphalted.</p> 
h.	Air borne coal dust shall be controlled with water sprinklers at suitable locations in the plant.	<p><b>Complied.</b></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	<p><b>Complied.</b></p> <p>All the coal /Fly ash transported through closed trucks only.</p>

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	shall be transported through closed trucks only.	
j	A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.	<p><b>Complied.</b> Green belt area is developed along the boundary wall to mitigate fugitive and transport dust emission.</p> 
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><b>Complied.</b> Unit is regularly carrying out Environmental Audit including Regular performance evaluation of the ETP, RO &amp; MEE from GPCB allotted reputed institutions categorized as Schedule 1 Auditor.</p> <p>Environment Audit for <b>FY-2024-25</b> was conducted by <b>M/s R. N. G. Patel Institute of Technology, Bardoli</b>. Unit has complied the observations made by the Auditor, which is enclosed herewith as <b><u>Annexure-5</u></b> &amp; evaluation of ETP adequacy along with other Environment Management systems is enclosed herewith as an <b><u>Annexure-6</u></b>.</p> <p>Environmental Audit for <b>FY-2025-26</b> is conducted by Shree Swami Atmanand Saraswati Vidya Sankul, Environment Audit Laboratory of Tapi Diploma Engineering College.</p>
24.	Regular monitoring of ground level concentration of HCl, SO <sub>2</sub> , NO <sub>x</sub> , PM <sub>10</sub> and PM <sub>2.5</sub> shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not	<p><b>Complied.</b></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&amp;CC approved and NABL Accredited laboratory</p> <p>The monitoring of SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> is carried out for 24</p>

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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 provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with GPCB.	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 Sep'25 is enclosed herewith as <u>Annexure-9</u> , for reference. All values are well within the limits.					
	Near Main Gate					
	Month	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	HCL
		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3	-
	Apr/25	79.97	35.08	20.79	23.87	20.19
	May/25	81.68	31.9	21.2	23.86	19.50
	Jun/25	81.17	30.91	19.4	21.82	17.76
	Jul/25	80.4	30.4	20	22.1	22.2
	Aug/25	81.6	31	19.5	22	17.7
	Sep/25	80.8	31.3	19.2	21.1	15.9
	Near Emergency Gate					
	Month	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	HCL
		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3	-
	Apr/25	81.04	31.83	24.02	25.91	22.17
	May/25	80.24	32.76	22.13	24.98	17.75
	Jun/25	82.74	32.37	20.08	23.27	21.32
	Jul/25	82.5	27.1	25.3	27.5	20.7
	Aug/25	84.6	30.5	19.1	21.9	19.5
	Sep/25	81.8	32.3	18.1	20.7	15.2
Near ETP Expansion Area						
Month	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	HCL	

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		<table><tr><td></td><td>100 µg/m3</td><td>60 µg/m3</td><td>80 µg/m3</td><td>80 µg/m3</td><td>-</td></tr><tr><td>Apr/25</td><td>79.64</td><td>32.67</td><td>23.08</td><td>24.2</td><td>19.30</td></tr><tr><td>May/25</td><td>81.28</td><td>31.91</td><td>22.1</td><td>24.93</td><td>24.53</td></tr><tr><td>Jun/25</td><td>81.97</td><td>28.61</td><td>23.37</td><td>24.81</td><td>14.06</td></tr><tr><td>Jul/25</td><td>82</td><td>30</td><td>23</td><td>25.1</td><td>25.1</td></tr><tr><td>Aug/25</td><td>82.2</td><td>28.9</td><td>19.4</td><td>22.2</td><td>25.0</td></tr><tr><td>Sep/25</td><td>84.6</td><td>34.2</td><td>20.20</td><td>38.39</td><td>11.1</td></tr></table>		100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3	-	Apr/25	79.64	32.67	23.08	24.2	19.30	May/25	81.28	31.91	22.1	24.93	24.53	Jun/25	81.97	28.61	23.37	24.81	14.06	Jul/25	82	30	23	25.1	25.1	Aug/25	82.2	28.9	19.4	22.2	25.0	Sep/25	84.6	34.2	20.20	38.39	11.1
	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3	-																																							
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Jun/25	81.97	28.61	23.37	24.81	14.06																																							
Jul/25	82	30	23	25.1	25.1																																							
Aug/25	82.2	28.9	19.4	22.2	25.0																																							
Sep/25	84.6	34.2	20.20	38.39	11.1																																							
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.	<b>Complied.</b>  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.																																										
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.	<b>Complied.</b>  All the hazardous wastes are stored in the designated storage area with a pucca bottom and proper leachate collection facility.																																										

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27.	The unit shall dispose its ETP sludge, evaporation salt and incineration ash at the nearest common TSDF.	<b>Complied.</b>  The unit is disposing of ETP sludge, evaporation salt to the common TSDF site. Membership certificate for TSDF is enclosed as <b><u>Annexure-10A.</u></b>														
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.	<b>Complied.</b>  Organic residue is being disposed of in the common Hazardous waste incineration facility. Membership certificate for incineration facility is enclosed as <b><u>Annexure-10B.</u></b>														
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 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.	<b>Complied.</b> 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 dedicated tankers equipped with AIS-140 GPS. Disposal quantity in MT from Apr'25 to Sep'25 is tabulated below: <table><tr><th>Month</th><th>Disposed Quantity (MT)</th></tr><tr><td><b>Apr/25</b></td><td>6075.095</td></tr><tr><td><b>May/25</b></td><td>5346.719</td></tr><tr><td><b>Jun/25</b></td><td>6802.792</td></tr><tr><td><b>Jul/25</b></td><td>6072.201</td></tr><tr><td><b>Aug/25</b></td><td>7275.129</td></tr><tr><td><b>Sep/25</b></td><td>5005.078</td></tr></table>	Month	Disposed Quantity (MT)	<b>Apr/25</b>	6075.095	<b>May/25</b>	5346.719	<b>Jun/25</b>	6802.792	<b>Jul/25</b>	6072.201	<b>Aug/25</b>	7275.129	<b>Sep/25</b>	5005.078
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<b>Sep/25</b>	5005.078															
30.	Discarded containers / barrels / bags / liners shall be either reused or sold only to the authorized recyclers after decontamination.	<b>Complied.</b> 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 Apr"25 to Sep"25 is tabulated below:														

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			<table><tr><th>Month</th><th>Disposed Quantity (MT)</th></tr><tr><td>Apr/25</td><td>23.770</td></tr><tr><td>May/25</td><td>24.040</td></tr><tr><td>Jun/25</td><td>9.140</td></tr><tr><td>Jul/25</td><td>1.810</td></tr><tr><td>Aug/25</td><td>3.130</td></tr><tr><td>Sep/25</td><td>9.660</td></tr></table>	Month	Disposed Quantity (MT)	Apr/25	23.770	May/25	24.040	Jun/25	9.140	Jul/25	1.810	Aug/25	3.130	Sep/25	9.660
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Jun/25	9.140																
Jul/25	1.810																
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31.	Used oil shall be either reused as lubricant or sold only to the registered recyclers.	<b>Complied.</b> 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 Rules 1989 as amended in 2000 for handling of hazardous chemicals.	<b>Complied.</b>  The company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.															
33.	Necessary approvals from PESO and concerned Govt. Authorities shall be obtained before commissioning of the project.	<b>Complied.</b>  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-11, 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.	<b>Complied.</b>  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-12.															

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		Compliance report of the Risk assessment carried out during the EIA process considering various probable emergency scenarios is enclosed as <u>Annexure-12A</u> 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.	<b>Complied.</b> 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>Jockey 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>Jockey 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><tr><td>8</td><td>Fire Water Reservoir Capacity</td><td colspan="5">650 KL</td></tr></table>	Sr. No.	Description	Capacity (HP)	RPM	MAKE	Flow Rate (m3/Hr)	HEAD	1	Jockey Pump 1	7.5	2900	KSB	10	75	2	Jockey 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					8	Fire Water Reservoir Capacity	650 KL				
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36.	Necessary flameproof fittings shall be provided in the production plants.	<b>Complied.</b> 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-13																																																															
37.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling	<b>Complied.</b> All measures have been taken to avoid accidents.																																																															

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	of toxic / hazardous chemicals.	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.	<p><b>Complied.</b></p> <p>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.</p>
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.	<p><b>Complied.</b></p> <p>Unit has provided mechanical seal pumps and a closed loop system to transfer the materials to avoid spillages. Plant drain is shown in the figure below:</p> <div data-bbox="774 1050 1352 1499" data-label="Image"> </div> <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	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Dyke walls have been provided for all storage tanks.</li> <li>• Closed loops systems to transfer the materials to avoid leakage/ spillage.</li> </ul>

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	tanks for Hazardous Chemicals. Close handling system for chemicals shall be provided	<ul style="list-style-type: none"> <li>• Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.</li> <li>• Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.</li> <li>• Close monitoring through the DCS panel.</li> <li>• Maximum allowable storage level is 80% of total capacity.</li> <li>• Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.</li> </ul>
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><b>Complied.</b></p> <p>Unit has a well equipped Occupational Health Center (OHC) functioning under qualified FMO &amp; 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><b>Complied.</b></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>

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43.	First Aid Box and required antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p><b>Complied.</b></p> <p>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><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>	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	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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44.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<b>Complied.</b> 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 April'25 to Sep'25 is tabulated below: <table><tr><th>Training Topic</th><th>No of participants</th></tr><tr><td>Environment/ Sustainability</td><td>346</td></tr><tr><td>Safety Training (Work permit, Induction, Workplace safety etc)</td><td>360</td></tr></table>	Training Topic	No of participants	Environment/ Sustainability	346	Safety Training (Work permit, Induction, Workplace safety etc)	360
Training Topic	No of participants							
Environment/ Sustainability	346							
Safety Training (Work permit, Induction, Workplace safety etc)	360							
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.	<b>Complied.</b> 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 <b>Form-32 &amp; 33 as prescribed in Gujarat Factory Rules are enclosed as an Annexure-14.</b> Following check up has been carried out in periodical medical checkup. <ol style="list-style-type: none"><li>1. General checkup (height, weight, pulse, BP etc)</li><li>2. Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc)</li><li>3. Urine test (physical, chemical and microbial examination etc)</li><li>4. Vision test</li><li>5. Audiometric test</li><li>6. Pulmonary function test, etc.</li></ol> Details of health surveillance of the workers is given below: <table><tr><th colspan="2">Occupational Health Surveillance</th></tr><tr><th>Month</th><th>Total No. of Workers</th></tr><tr><td>September 25</td><td>1315</td></tr></table>	Occupational Health Surveillance		Month	Total No. of Workers	September 25	1315
Occupational Health Surveillance								
Month	Total No. of Workers							
September 25	1315							
46.	Handling and charging of the chemicals shall be done in such a manner that minimal human exposure occurs.	<b>Complied.</b> Unit is operating under the DCS system. Unit strictly follows all the standards set by considering utmost safety for handling and						

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		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.	<b>Complied.</b> 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.	<b>Complied.</b> 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 August'25 is enclosed herewith as Annexure-15 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>Apr'25</th><th>May'25</th><th>Jun'25</th><th>Jul'25</th><th>Aug'25</th><th>Sep'25</th></tr><tr><td rowspan="2">Near VIP Gate</td><td>Day</td><td>63.5</td><td>64.4</td><td>61.9</td><td>61.7</td><td>64.7</td><td>62.9</td></tr><tr><td>Night</td><td>61.0</td><td>62.0</td><td>59.7</td><td>60.6</td><td>61.9</td><td>60.3</td></tr><tr><td rowspan="2">Near Material Gate</td><td>Day</td><td>66.5</td><td>67.2</td><td>66.0</td><td>64.2</td><td>66.4</td><td>65.7</td></tr><tr><td>Night</td><td>59.0</td><td>58.8</td><td>56.8</td><td>58.0</td><td>60.2</td><td>57.2</td></tr><tr><td rowspan="2">Near CN 123 NOx Scrubber Area</td><td>Day</td><td>71.4</td><td>72.7</td><td>70.8</td><td>69.8</td><td>71.3</td><td>70.2</td></tr><tr><td>Night</td><td>66.2</td><td>65.9</td><td>65.7</td><td>64.9</td><td>66.8</td><td>65.6</td></tr><tr><td rowspan="2">Near U/G Benzene Storage Area</td><td>Day</td><td>67.2</td><td>67.7</td><td>66.2</td><td>64.9</td><td>68.6</td><td>66.1</td></tr><tr><td>Night</td><td>62.2</td><td>62.5</td><td>60.7</td><td>61.9</td><td>62.7</td><td>60.8</td></tr><tr><td rowspan="2">Near Gate No. 2</td><td>Day</td><td>71.2</td><td>72.8</td><td>70.9</td><td>71.0</td><td>71.6</td><td>70.3</td></tr><tr><td>Night</td><td>66.3</td><td>66.3</td><td>64.6</td><td>65.4</td><td>67.0</td><td>64.6</td></tr><tr><td rowspan="2">Near 30 TPH Boiler Area</td><td>Day</td><td>69.0</td><td>69.2</td><td>68.0</td><td>67.4</td><td>69.9</td><td>68.0</td></tr><tr><td>Night</td><td>64.6</td><td>64.5</td><td>63.4</td><td>63.3</td><td>65.6</td><td>62.8</td></tr><tr><td rowspan="2">Near Acid Tank Loading/Unloading Area</td><td>Day</td><td>70.2</td><td>71.2</td><td>68.5</td><td>68.4</td><td>71.6</td><td>68.3</td></tr><tr><td>Night</td><td>65.1</td><td>65.2</td><td>64.9</td><td>63.6</td><td>66.7</td><td>64.2</td></tr><tr><td rowspan="2">150 KLD SBT Area</td><td>Day</td><td>66.3</td><td>67.8</td><td>64.8</td><td>66.1</td><td>67.3</td><td>66.2</td></tr><tr><td>Night</td><td>52.9</td><td>52.8</td><td>52.4</td><td>51.8</td><td>53.6</td><td>51.6</td></tr><tr><td rowspan="2">Near NT Tank Farm</td><td>Day</td><td>58.7</td><td>59.8</td><td>57.1</td><td>58.2</td><td>58.5</td><td>58.2</td></tr><tr><td>Night</td><td>60.2</td><td>60.4</td><td>58.4</td><td>58.8</td><td>61.0</td><td>58.7</td></tr><tr><td rowspan="2">Near MBR STP</td><td>Day</td><td>68.1</td><td>68.6</td><td>67.2</td><td>66.4</td><td>68.0</td><td>66.3</td></tr><tr><td>Night</td><td>63.2</td><td>63.3</td><td>62.4</td><td>62.5</td><td>63.9</td><td>62.6</td></tr><tr><td colspan="2">Near Ash Silo (CPP)</td><td>Day</td><td>53.6</td><td>54.5</td><td>51.7</td><td>52.9</td><td>55.1</td><td>52.7</td></tr></table>	Ambient Noise level monitoring (in dB (A))								Location		Apr'25	May'25	Jun'25	Jul'25	Aug'25	Sep'25	Near VIP Gate	Day	63.5	64.4	61.9	61.7	64.7	62.9	Night	61.0	62.0	59.7	60.6	61.9	60.3	Near Material Gate	Day	66.5	67.2	66.0	64.2	66.4	65.7	Night	59.0	58.8	56.8	58.0	60.2	57.2	Near CN 123 NOx Scrubber Area	Day	71.4	72.7	70.8	69.8	71.3	70.2	Night	66.2	65.9	65.7	64.9	66.8	65.6	Near U/G Benzene Storage Area	Day	67.2	67.7	66.2	64.9	68.6	66.1	Night	62.2	62.5	60.7	61.9	62.7	60.8	Near Gate No. 2	Day	71.2	72.8	70.9	71.0	71.6	70.3	Night	66.3	66.3	64.6	65.4	67.0	64.6	Near 30 TPH Boiler Area	Day	69.0	69.2	68.0	67.4	69.9	68.0	Night	64.6	64.5	63.4	63.3	65.6	62.8	Near Acid Tank Loading/Unloading Area	Day	70.2	71.2	68.5	68.4	71.6	68.3	Night	65.1	65.2	64.9	63.6	66.7	64.2	150 KLD SBT Area	Day	66.3	67.8	64.8	66.1	67.3	66.2	Night	52.9	52.8	52.4	51.8	53.6	51.6	Near NT Tank Farm	Day	58.7	59.8	57.1	58.2	58.5	58.2	Night	60.2	60.4	58.4	58.8	61.0	58.7	Near MBR STP	Day	68.1	68.6	67.2	66.4	68.0	66.3	Night	63.2	63.3	62.4	62.5	63.9	62.6	Near Ash Silo (CPP)		Day	53.6	54.5	51.7	52.9	55.1	52.7
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M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

## Environmental Clearance Compliance Report - April 2025 to September 2025

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

		Plant)	Night	67.0	66.9	65.4	65.1	67.8	65.1
		Near ETP Expansion	Day	60.3	61.9	58.3	59.5	61.9	58.7
			Night	56.3	56.4	55.5	55.4	57.0	55.3
		Near Utility DM Plant	Day	73.2	72.6	74.7	73.8	72.7	73.0
			Night	68.2	68.2	71.9	68.2	68.0	68.4
		Near NEW ETP	Day	72.9	73.7	75.3	72.9	73.4	73.2
			Night	67.3	68.6	68.7	67.9	67.9	67.6
		Near Utility RO Section	Day	64.7	65.6	62.8	63.7	66.5	64.2
			Night	62.0	62.2	61.3	60.0	62.5	60.0
		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.	<b>Complied.</b>  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	<b>Complied.</b> Energy Audit has been carried out by Devki Energy Consultancy Pvt Ltd, Vadodara and the report is being enclosed herewith as Annexure-16. The unit has also complied with all the recommendations made by them.							
A.7	WASTE MINIMIZATION AND CLEANER PRODUCTION:								
51.	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	<b>Complied.</b> Unit has undertaken the Cleaner Production Assessment study and obtained Gujarat Cleaner Production Award 2014-15. The same is being enclosed herewith as Annexure-17. The unit is maintaining Zero liquid Discharge.							
52.	The company shall undertake following waste minimization measures:								

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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a.	Metering and control of quantities of active ingredients to minimize waste.	<b>Complied.</b> 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.	<b>Complied.</b> 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.	<b>Complied.</b> All the feeding systems are closed and automated.
d.	Use of close feed system into batch reactors.	<b>Complied.</b> Closed loop system has been implemented in batch reactors.
e.	Dry cleaning / mopping of floor instead of floor washing	<b>Complied.</b> Dry cleaning in roads and mopping are being done in plant
f.	Use of high pressure hoses for cleaning to reduce wastewater generation	<b>Complied.</b> Unit is using only high pressure hose pipes wherever required.
g.	Regular preventive maintenance for avoiding leakage, spillage etc.	<b>Complied.</b> Preventive maintenance plan & condition monitoring is in place and is being strictly followed.
<b>A.8</b>	<b>GREEN BELT AND OTHER PLANTATION:</b>	
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 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	<b>Complied.</b> 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.

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

	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.	<b>Complied.</b> 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>B</b>	<b>OTHER CONDITION:</b>																
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.	<b>Complied</b>  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.	<b>Complied.</b>  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-18.															
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.	<b>Complied.</b> 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" data-bbox="649 1486 1474 1770"> <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> <tr> <td>3</td><td>Shankar Karhale</td><td>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	3	Shankar Karhale	Vice President
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**M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch**



**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

		<table> <tr> <td>4</td><td>Krishna Kumar Maurya</td><td>Deputy 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>	4	Krishna Kumar Maurya	Deputy General Manager	5	Jitendra Gaur	Senior Manager												
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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><b>Complied.</b></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 Apr'25 to Sep'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>5.5</td></tr> <tr> <td>2</td><td>Green belt</td><td>2.5</td></tr> <tr> <td>3</td><td>Effluent treatment plant</td><td>1625</td></tr> <tr> <td>4</td><td>Hazardous waste storage and disposal</td><td>850</td></tr> <tr> <td align="center" colspan="2"><b>Total Cost</b></td><td><b>2483</b></td></tr> </table>	Sr. No	Activities	Total Cost (Rs in Lacs)	1	Environment monitoring	5.5	2	Green belt	2.5	3	Effluent treatment plant	1625	4	Hazardous waste storage and disposal	850	<b>Total Cost</b>		<b>2483</b>
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59.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<p><b>Complied.</b></p> <p>Pucca flooring has been provided in the work areas, chemical storage areas and chemical handling areas to avoid soil contamination.</p>																		
60.	Leakages from the pipes, pumps, shall be minimal and	<p><b>Complied.</b></p> <p>Unit is using only mechanical seal pumps in order to avoid the</p>																		

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

	if occurs, shall be arrested promptly.	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.	<b>Complied.</b>  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.	<b>Complied.</b>  Unit is doing socio-economic developmental measures including community welfare measures. Activity details are enclosed herewith as Annexure-18.
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.	<b>Complied</b>  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.	<b>Noted,</b>  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 herein. The funds so provided shall not be diverted for any other purpose.	<b>Complied.</b>  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.

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

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.	<b>Complied</b>  Advertisements were given in local newspapers.
67.	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	<b>Complied.</b>  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 26.05.2025 for the period of October' 2024 to March' 2025. Screenshot of half-yearly compliance report submission in State Environment Impact Assessment Authority portal is enclosed herewith as Annexure-19.
68.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied.</b>  Unit is adhering to the stipulations issued by the Gujarat Pollution Control Board.

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

69.	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<b>Noted.</b>  Not applicable since the project is self-financed. Kindly refer the copy of CERTIFICATE OF REGISTRATION enclosed herewith as Annexure-20.
70.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	<b>Noted.</b>
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.	<b>Complied.</b>  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-21.
72.	This environmental clearance is valid for five years from the date of issue.	<b>Noted.</b>
73.	Any appeal against this environmental clearance	<b>Noted.</b>

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

**Environmental Clearance Compliance Report - April 2025 to September 2025**

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

	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.	
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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 - April 25 to September 25**

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

Sr. No.	CONDITIONS	COMPLIANCE STATUS														
<b>I</b>	<b>SPECIFIC CONDITIONS</b>															
<b>A.1</b>	<b>WATER</b>															
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><b>Complied.</b></p> <p>Unit is maintaining Zero Liquid Discharge.</p> <p>Underground disconnection certificate from GIDC is enclosed herewith as Annexure-4.</p> <p>We have amended the details through CTE-Product Mix Change - CTE No-128384 dated: 25/08/2023 and CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in <u>Annexure-1</u> and <u>Annexure-1A</u></p> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (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><b>Complied.</b></p> <p>We have amended the Industrial Wastewater Generation details through CCA Amendment AWH- 142088 dated: 16/04/2025, therefore the total recycled quantity is 210 KLD accordingly as attached in Annexure-1A.</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>Apr/25</td><td>6152</td><td>205</td></tr> <tr> <td>May/25</td><td>5937</td><td>192</td></tr> </tbody> </table>	Industrial Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Apr/25	6152	205	May/25	5937	192
Industrial Wastewater Generation																
Month	Total	Avg														
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**M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch**

## Environmental Clearance Compliance Report - April 25 to September 25

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

		<table border="1"> <tr> <td><b>Jun/25</b></td><td>6111</td><td>204</td></tr> <tr> <td><b>Jul/25</b></td><td>5767</td><td>186</td></tr> <tr> <td><b>Aug/25</b></td><td>5921</td><td>191</td></tr> <tr> <td><b>Sep/25</b></td><td>4497</td><td>150</td></tr> </table> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>	<b>Jun/25</b>	6111	204	<b>Jul/25</b>	5767	186	<b>Aug/25</b>	5921	191	<b>Sep/25</b>	4497	150
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<b>Aug/25</b>	5921	191												
<b>Sep/25</b>	4497	150												
5.	Unit shall install combined ETP of adequate capacity consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.	<p><b>Complied.</b></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>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (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><b>Complied.</b></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>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>												
7.	Out of 580 KLD of RO permeate and MEE condensate; 370 KLD	<p><b>Complied.</b></p>												

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



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	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.	<p>Reused water in Aarti Industries Limited Unit-1 are tabulated below.</p> <p>We have amended the details through CCA Amendment AWH-142088 dated: 16/04/2025, therefore the total recycled quantity is 210 KLD accordingly as attached in Annexure-1A.</p> <table border="1"> <thead> <tr> <th rowspan="2">Month</th><th colspan="2">Reused Water Unit-1</th></tr> <tr> <th>KL/ Month</th><th>KLD</th></tr> </thead> <tbody> <tr> <td><b>Apr/25</b></td><td>5393</td><td>180</td></tr> <tr> <td><b>May/25</b></td><td>4539</td><td>146</td></tr> <tr> <td><b>Jun/25</b></td><td>4139</td><td>138</td></tr> <tr> <td><b>Jul/25</b></td><td>4730</td><td>153</td></tr> <tr> <td><b>Aug/25</b></td><td>4971</td><td>160</td></tr> <tr> <td><b>Sep/25</b></td><td>4011</td><td>134</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&amp;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>	Month	Reused Water Unit-1		KL/ Month	KLD	<b>Apr/25</b>	5393	180	<b>May/25</b>	4539	146	<b>Jun/25</b>	4139	138	<b>Jul/25</b>	4730	153	<b>Aug/25</b>	4971	160	<b>Sep/25</b>	4011	134
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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><b>Complied.</b></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>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>																							
9.	Remaining 332 KLD of effluent from utilities (125 KLD from	<b>Complied.</b>																							

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

**Environmental Clearance Compliance Report - April 25 to September 25**

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	Unit-1 + 207 KLD from Unit-II) shall be treated by desilication process followed by RO - 5,6.	<p>Unit has installed a Desilication Process system followed by RO System to treat Utility Effluent.</p> <p>RO Permeate &amp; MEE Condensate is reused in cooling towers (with reference to amended condition No. 7) and generated residue is sent to ATFD.</p> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>
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><b>Complied.</b></p> <p>RO Permeate and MEE condensate is reused and Unit is maintaining ZLD.</p> <p>We have amended the reused water details through CCA Amendment AWH- 142088 dated: 16/04/2025, therefore the total recycled quantity is 210 KLD accordingly as attached in Annexure-1A.</p> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</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	<p><b>Complied.</b></p>

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	maintain the records of the same	 <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> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>
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><b>Complied.</b></p> <p>Log books are maintained for ETP, RO plants, MEE &amp; ATFD operations, chemical consumptions, power generations. In addition to this, the quantity and quality of reused water within premises.</p> <p>Aarti Industries Ltd (Unit-II) applied for a CCA Amendment (inward no. 270448, dated 17.01.2023) and obtained CC&amp;A Amendment No. AWH-126636 on 28.06.2023 to manage effluent on its premises. Consequently, from January 2023, Aarti Industries Ltd (Unit-I) has ceased receiving effluent from its sister unit (Unit-II) for treatment.</p>

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

# Environmental Clearance Compliance Report - April 25 to September 25

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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><b>Complied.</b></p> <p>Domestic wastewater generation is well within the given limit and the 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><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>Apr'25</td><td>140.20</td><td>4.67</td></tr><tr><td>May'25</td><td>148.60</td><td>4.79</td></tr><tr><td>Jun'25</td><td>137.90</td><td>4.60</td></tr><tr><td>Jul'25</td><td>152.40</td><td>4.92</td></tr><tr><td>Aug'25</td><td>149.30</td><td>4.82</td></tr><tr><td>Sep'25</td><td>144.50</td><td>4.82</td></tr></table> <p>Treated domestic wastewater is utilized for gardening &amp; 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&amp;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>			Domestic Wastewater Generation			Month	Total	Avg	KL/ Month	KLD	Apr'25	140.20	4.67	May'25	148.60	4.79	Jun'25	137.90	4.60	Jul'25	152.40	4.92	Aug'25	149.30	4.82	Sep'25	144.50	4.82
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2.2	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	<p><b>Noted.</b></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</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	150 KL	20 KL	50 KL	165 KL																
Treated Wastewater	RO Permeate Tanks	MEE Condensate Tanks																												
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M/s. Aarti Industries Ltd. Plot no. 758/1-2-3, GIDC Notified Industrial Estate Jhagadia, Dist.Bharuch

**Environmental Clearance Compliance Report - April 25 to September 25**

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

		<table><tr><td>Capacities</td><td></td><td></td><td></td><td></td></tr></table>	Capacities				
Capacities							
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><b>Complied.</b></p> <p>Unit is regularly carrying out Environmental Audit including Regular performance evaluation of the ETP, RO &amp; MEE from GPCB allotted reputed institutions categorized as Schedule 1 Auditor.</p> <p>Environment Audit for <b>FY-2024-25</b> was conducted by <b>M/s R. N. G. Patel Institute of Technology, Bardoli</b>. Unit has complied the observations made by the Auditor, which is enclosed herewith as Annexure-5 &amp; evaluation of ETP adequacy along with other Environment Management systems is enclosed herewith as an Annexure-6.</p>					
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.	<p><b>Complied.</b></p> <p>Unit is using Coal as fuel in Boilers. Steam for MEE is used from Existing Boilers.</p>					
2.5	Hazardous Waste Management shall be as under :	<p><b>Complied.</b></p> <p>Hazardous waste disposal data during Apr'i'25 to Sep'25 is tabulated below:</p>					

Sr. No.	Type of Waste	Category	Quantity			Hazardous Waste management Disposal Facility	Status						
			Existing	Proposed	Total								
1.	Empty Barrels/Containers/Liners contaminated with	33.1	225 MT/Year	00	225 MT/Year	Collection, storage, transportation & Disposal by sending it	<table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>23.770</td></tr><tr><td>May'25</td><td>24.040</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	23.770	May'25	24.040
Month	Total Disposal Quantity (MT)												
Apr'25	23.770												
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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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	hazardous chemicals/ wastes					to authorised decontami nation facility/rec ycler or reuse or send back to supplier.	<table><tr><td>Jun'25</td><td>9.140</td></tr><tr><td>Jul'25</td><td>1.810</td></tr><tr><td>Aug'25</td><td>3.130</td></tr><tr><td>Sep'25</td><td>9.660</td></tr></table>	Jun'25	9.140	Jul'25	1.810	Aug'25	3.130	Sep'25	9.660										
Jun'25	9.140																								
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Sep'25	9.660																								
2	Chemical sludge from wastewater treatment plant	35.3	2480 MT/ Year ETP waste	0	2480 MT/ Year ETP waste	Collection, storage, Treatment ,transporta tion & Disposal at TSDF at BEIL	<p>We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:</p> <p>1. ETP Waste: 2480 MT/ Year 2. MEE Waste: 1020 MT/ Year</p> <table><tr><td>Month</td><td>ETP Sludge Disposal Quantity (MT/Year)</td></tr><tr><td>GPCB Limit</td><td>2480</td></tr><tr><td>Apr'25</td><td>407.220</td></tr><tr><td>May'25</td><td>183.720</td></tr><tr><td>Jun'25</td><td>141.570</td></tr><tr><td>Jul'25</td><td>13.070</td></tr><tr><td>Aug'25</td><td>93.400</td></tr><tr><td>Sep'25</td><td>0.000</td></tr></table> <table><tr><td>Month</td><td>MEE Sludge Disposal Quantity (MT/Year)</td></tr></table>	Month	ETP Sludge Disposal Quantity (MT/Year)	GPCB Limit	2480	Apr'25	407.220	May'25	183.720	Jun'25	141.570	Jul'25	13.070	Aug'25	93.400	Sep'25	0.000	Month	MEE Sludge Disposal Quantity (MT/Year)
Month	ETP Sludge Disposal Quantity (MT/Year)																								
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			320 MT/ Year MEE waste	0	320 MT/ Year MEE waste																				

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>GPCB Limit</td><td>1020</td></tr><tr><td>Apr'25</td><td>17.490</td></tr><tr><td>May'25</td><td>19.280</td></tr><tr><td>Jun'25</td><td>0.000</td></tr><tr><td>Jul'25</td><td>24.680</td></tr><tr><td>Aug'25</td><td>127.640</td></tr><tr><td>Sep'25</td><td>13.080</td></tr></table>	GPCB Limit	1020	Apr'25	17.490	May'25	19.280	Jun'25	0.000	Jul'25	24.680	Aug'25	127.640	Sep'25	13.080
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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	<p>We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:</p> <p>Used or spent Oil: 19.3 MT/ Year</p> <table><tr><td>Month</td><td>Total Disposal Quantity (MT)</td></tr><tr><td>Apr'25</td><td>0.000</td></tr><tr><td>May'25</td><td>0.000</td></tr><tr><td>Jun'25</td><td>0.000</td></tr><tr><td>Jul'25</td><td>0.000</td></tr><tr><td>Aug'25</td><td>0.000</td></tr><tr><td>Sep'25</td><td>0.000</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	0.000	May'25	0.000	Jun'25	0.000	Jul'25	0.000	Aug'25	0.000	Sep'25	0.000
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May'25	0.000																				
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Sep'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	<p>We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:</p> <p>Any Process or distillation residue: 2279.64 MT/ Year</p>														

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**Environmental Clearance Compliance Report - April 25 to September 25**

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

						L	<table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>209.030</td></tr><tr><td>May'25</td><td>217.810</td></tr><tr><td>Jun'25</td><td>350.480</td></tr><tr><td>Jul'25</td><td>322.330</td></tr><tr><td>Aug'25</td><td>224.670</td></tr><tr><td>Sep'25</td><td>227.200</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)	Apr'25	209.030	May'25	217.810	Jun'25	350.480	Jul'25	322.330	Aug'25	224.670	Sep'25	227.200
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Sep'25	227.200																				
5	Ash from incinerator & flue gas cleaning residue	37.2	12.480 MT/ Year	00	12.480 MT/ Year	Collection, storage, Treatment, transportation & Disposal at TSDF at BEIL	Incinerator Ash is not generated as Incinerator has been dismantled and letter for 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 ,transportation & Disposal at common incinerator of BEIL/SEPP L	<table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>0.00</td></tr><tr><td>May'25</td><td>0.00</td></tr><tr><td>Jun'25</td><td>0.00</td></tr><tr><td>Jul'25</td><td>0.00</td></tr><tr><td>Aug'25</td><td>0.00</td></tr><tr><td>Sep'25</td><td>0.00</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	0.00	May'25	0.00	Jun'25	0.00	Jul'25	0.00	Aug'25	0.00	Sep'25	0.00
Month	Total Disposal Quantity (MT)																				
Apr'25	0.00																				
May'25	0.00																				
Jun'25	0.00																				
Jul'25	0.00																				
Aug'25	0.00																				
Sep'25	0.00																				
7	Inorganic Acids (Spent	B-15	86400 MT/ Year	00	86400 MT/ Year	Collection, storage ,transporta	We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088														

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



# Environmental Clearance Compliance Report - April 25 to September 25

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

	Acids)					tion & Disposal through end user who has valid permission under Rule-9 of Hazardous & other waste (M & TBM) Rules-2016	dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:  Inorganic Acids (Spent Acids): 85705.8 MT/Year. <table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>6048.006</td></tr><tr><td>May'25</td><td>5284.348</td></tr><tr><td>Jun'25</td><td>6738.362</td></tr><tr><td>Jul'25</td><td>5996.825</td></tr><tr><td>Aug'25</td><td>7209.779</td></tr><tr><td>Sep'25</td><td>4959.306</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	6048.006	May'25	5284.348	Jun'25	6738.362	Jul'25	5996.825	Aug'25	7209.779	Sep'25	4959.306
Month	Total Disposal Quantity (MT)																				
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Jun'25	6738.362																				
Jul'25	5996.825																				
Aug'25	7209.779																				
Sep'25	4959.306																				
8	Spent Catalyst	28.2	7.440 MT/ Year	00	7.440 MT/ Year	Collection, storage ,transporta tion & Disposal by selling to authorised recycler for Regenerati on	We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:  Spent Catalyst: 12.44 MT/Year. <table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>0.000</td></tr><tr><td>May'25</td><td>2.803</td></tr><tr><td>Jun'25</td><td>0.000</td></tr><tr><td>Jul'25</td><td>0.000</td></tr><tr><td>Aug'25</td><td>0.251</td></tr><tr><td>Sep'25</td><td>0.303</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	0.000	May'25	2.803	Jun'25	0.000	Jul'25	0.000	Aug'25	0.251	Sep'25	0.303
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Sep'25	0.303																				

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

# Environmental Clearance Compliance Report - April 25 to September 25

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

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	<p>We have amended the hazardous waste disposal quantity through CCA Amendment AWH- 142088 dated: 16/04/2025 accordingly as attached in Annexure-1A respectively as under:</p> <p>Fly Ash: 12560 MT/Year</p> <table><tr><th>Month</th><th>Total Disposal Quantity (MT)</th></tr><tr><td>Apr'25</td><td>517.770</td></tr><tr><td>May'25</td><td>607.420</td></tr><tr><td>Jun'25</td><td>600.510</td></tr><tr><td>Jul'25</td><td>604.050</td></tr><tr><td>Aug'25</td><td>759.690</td></tr><tr><td>Sep'25</td><td>774.740</td></tr></table>	Month	Total Disposal Quantity (MT)	Apr'25	517.770	May'25	607.420	Jun'25	600.510	Jul'25	604.050	Aug'25	759.690	Sep'25	774.740
Month	Total Disposal Quantity (MT)																				
Apr'25	517.770																				
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# GUJARAT POLLUTION CONTROL BOARD

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

By R.P.A.D.

**Consent to Establish (NOC) - Amendment**  
**CTE AMENDMENT NO: CTE - 128384**

**NO: GPCB/ANK/CCA-142(14)/ID-14855**

**DT: \_\_/08/2023**

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

**SUB:** Amendment in Consent to Establish (NOC) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

**REF:** (1) Your NOC application No. 268927 dated 15/12/2022. ( for CTE - Change in Product mix).  
(2) CCA No. AWH - 119699 dated: 09/09/2022. (CCA Renewal)

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air (Prevention and Control of Pollution) Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (NOC)** for **Change in Product Mix** in an industrial plant/activities at **PLOT NO: 758/1-2-3, GIDC ESTATE JHAGADIA, DIST: BHARUCH** to manufacture the following products.

**The Validity of this order will be up to 14/12/2029.**

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

Sr. No.	Products	Total Quantity (MT/Month) (After Change in Product Mix)
<b>A1</b>	<b>Mono Nitro Derivatives of Benzenes and Chloro Benzene</b>	
1	Para Nitro Chloro Benzene ( PNCB ) OR/AND	1500
2	Ortho Nitro Chlorobenzene (ONCB) OR/AND	
3	Meta Nitro Chloro Benzene (MNCB) OR/AND	
4	Ortho Nitro Cumene/ Para Nitro Cumene/ Meta Nitro Cumene OR/AND	
5	Nitro Benzene	
<b>A2</b>	<b>Mono Nitro Derivatives of Toluene</b>	
6	Ortho Nitro Toluene (ONT) OR/AND	4800
7	Para Nitro Toluene (PNT) OR/AND	
8	Meta Nitro Toluene (MNT)	
<b>A3</b>	<b>Mono Nitro Derivatives of Di Chloro Benzenes</b>	
9	2,5 -Di Chloro Nitro Benzene ( 2,5 DCNB ) OR/AND	3600

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10	3,4 - Di Chloro Nitro Benzene (3,4 DCNB) OR/AND	
11	2,4 - Di Chloro Nitro Benzene (2,4 DCNB) OR/AND	
12	2,3 - Di Chloro Nitro Benzene (2,3 DCNB) OR/AND	
13	2,6 - Di Chloro Nitro Benzene (2,6 DCNB)	
	<b>Total Group-A</b>	<b>9900</b>
<b>B</b>	<b>Di Nitro Derivatives of Benzenes and MCB</b>	
1	Di Nitro Benzene OR/AND	3000
	Di Nitro Benzene from Benzene Route	
2	Di Nitro Chloro Benzene OR/AND	
3	Ortho Di Nitro Benzene (ODNB) / Para Di Nitro Benzene (PDNB)/Nitro Benzene Meta Di Nitro Benzene (MDNB) OR/AND	
4	2,4 Di Nitro Chloro Benzene OR/AND	
5	2,6 Di Nitro Chloro Benzene	
	<b>Total Group-B</b>	<b>3000</b>
	<b>Group-C</b>	
1	Di Ethyl Sulphate	<b>Deleted.</b>
	<b>Group- D: Hydrogenation</b>	
1	Meta Chloro Aniline (MCA) OR/AND	3600
2	Para Chloro Aniline (PCA) OR/AND	
3	Ortho Chloro Aniline (OCA) OR/AND	
4	2,3 Di Chloro Aniline (2,3 DCA) OR/AND	
5	2,4 Di Chloro Aniline (2,4 DCA) OR/AND	
6	2,5 Di Chloro Aniline (2,5 DCA) OR/AND	
7	2,6 Di Chloro Aniline (2,6 DCA) OR/AND	
8	3,4 Di Chloro Aniline (3,4 DCA) OR/AND	
9	3,5 Di Chloro Aniline (3,5 DCA) OR/AND	
10	Mixer of 2,4 Di Chloro Aniline (2,4 DCA) & 2,5 Di Chloro Aniline (2,5 DCA) OR/AND	
11	Mixer of 2,5 Di Chloro Aniline (2,5 DCA) & 2,6 Di Chloro Aniline (2,6 DCA) OR/AND	
12	Mixer of 2,4 Di Chloro Aniline (2,4 DCA) 2,5 Di Chloro Aniline (2,5 DCA) & 2,6 Di Chloro Aniline (2,6 DCA) OR/AND	
13	2,4,5 Tri Chloro Aniline OR/AND	
14	Meta Phenylene Di Amine (MPDA) OR/AND	
15	Para Phenylene Di Amine (PPDA) OR/AND	
16	Ortho Phenylene Di Amine (OPDA) from Old Route	
	Ortho Phenylene Di Amine (OPDA) from New Route OR/AND	
17	Aniline OR/AND	
18	Para Fluoro Aniline OR/AND	



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

19	Meta Fluoro Aniline OR/AND	
20	Ortho Fluoro Aniline OR/AND	
21	Chloro Fluoro Aniline (CFA) OR/AND	
22	Toluidines OR/AND	
23	4-Fluoro - N- Isopropyl Aniline OR/AND	
24	4-Chloro - N Isopropyl Aniline OR/AND	
25	Other Reduction Products OR/AND	
26	2,4 Di Fluoro Aniline OR/AND	
27	Ortho Toluidine OR/AND	
28	Para Toluidine OR/AND	
29	Meta Toluidine OR/AND	
30	2,3 Chloro Fluoro Aniline (2,3 CFA) OR/AND	
31	3,4 Chloro Fluoro Aniline (3,4 CFA) OR/AND	
32	3 Chloro Ortho Toluidine OR/AND	
33	5 Chloro Ortho Toluidine OR/AND	
34	2,3,4 Tri Fluoro Aniline OR/AND	Deleted.
35	2,4,5 Tri Fluoro Aniline/ 2,4,5 Tri Fluoro Aniline Sulphonated OR/AND	
36	Ortho Anisidine (OA) OR/AND	
37	Para Anisidine (PA) OR/AND	
38	Meta Anisidine OR/AND	
39	Para Amino Phenol (PAP) OR/AND	
40	Meta Amino Phenol (MAP) OR/AND	
41	Para Cumidine (PC) OR/AND	
42	Ortho Cumidine OR/AND	
43	Meta Cumidine OR/AND	
44	1,3 Di Fluoro Benzene	
Group -D Total		3600
Group (A+B+C+D)		16500
Group- E: Physical Separation		
1	Ortho Chloro Toluene/ Para Chloro Toluene / Meta Chloro Toluene OR/AND	450
2	Ortho/Para/Meta Toluidines	
Total Group-E		450
Group- F: Physical Separation		
1	2,3 Di Chloro Nitro Benzene (2,3 DCNB) / 3,4 Di Chloro Nitro Benzene (3,4 DCNB) OR/AND	550
2	3,5 Di Chloro Nitro Benzene (3,5 DCNB) OR/AND	
3	2,4,5 Tri Chloro Nitro Benzene (2,4,5 TCNB) OR/AND	
4	2,5 Di Chloro Aniline (2,5 DCA)	
Total Group-F		550
Physical Separation Only (E+F)		1000
Group-G:- Cogeneration Power Plant		4.5 MWH

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	<b>GRAND TOTAL(A+B+C+D+E+F)</b>	<b>17500</b>
	<b>Group- H- Repacking of raw materials (No Reaction, No process involved, No any pollution load)</b>	
<b>1</b>	Repackaging of Benzene, Toluene, Sulphuric Acid, Nitric Acid, Catalyst, Ortho Di Chloro Benzene & other chemicals/ raw materials	<b>2000</b>

**2. SPECIFIC CONDITIONS:**

- Total production shall not exceed 17500 MT/Month in any case.
- 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.
- Unit shall use fresh raw material only.
- There shall be no change in fuel consumption, flue gas emission and process gas emission.
- There shall be no change in Hazardous waste quantity / category.
- There shall not be increase in pollution load due to proposed change in product mix.
- There shall not be any change in plant building, equipments & machineries to manufacture the proposed new products after change in product mix.
- In the case of submission of the false or misleading data, this CTE amendment will be forfeited immediately.
- Unit shall comply with GPCB circular regarding Retrofitting of Emission control devices in DG set dated 27/08/2021.

**3. CONDITION UNDER THE WATER ACT:**

- 3.1** The condition No. 3.3 for Water Consumption under Water Act of the CCA order No: AWH-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855/682662, dated 09/09/2022 is amended and shall now be read as under.

<b>Water (Qty: KL/day)</b>	<b>Water consumption</b>		
	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
Domestic	25	--	25
Industrial	1073	-1.03	1071.97
Gardening	20	--	20
<b>Total</b>	<b>1118</b>	<b>-1.03</b>	<b>1116.97</b>

- 3.2** The condition No. 3.1 & 3.2 for Wastewater Generation under Water Act of the CCA order No: AWH-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855/682662, dated 09/09/2022 is amended and shall now be read as under.

<b>Water (Qty: KL/day)</b>	<b>Combined Wastewater Generation</b>		
	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
Domestic	43	--	43
Industrial	393.84	-1.17	392.67
<b>Total</b>	<b>436.84</b>	<b>-1.17</b>	<b>435.67</b>



# GUJARAT POLLUTION CONTROL BOARD

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

- 3.3 Mode of disposal:
- Total 392.67 KLD Combined industrial effluent (Unit-I & II), 214.83 KLD effluent of Unit-I and 177.84 KLD effluent of Unit-II shall be treated in combined ETP at Unit-I.
  - 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
  - 43 KLD domestic sewage shall be treated in STP as per previous CCA conditions.
4. **CONDITIONS UNDER THE AIR ACT:**
- 4.1 There shall be no change in fuel consumption, flue gas emission and process gas emission due to proposed change in product mix.
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 Unit shall obtain authorization under Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016 for increase/ decrease in Hazardous & other waste quantity / category.
6. All other Conditions of CCA order No: AWH-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855/682662, dated 09/09/2022 shall remain unchanged.

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

*(Signature)*  
25/08/2023  
(Arun G. Patel)  
ENVIRONMENT ENGINEER

Outward No: 751824, 25/08/2023

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Website : <https://www.gpcbgujarat.gov.in>



## Provisional Consent Order (CCA)

Consent No. AWH-142088 Valid upto: 07/06/2029

**Gujarat Pollution Control Board**  
Paryavaran Bhavan, Sector-10/A,  
Gandhinagar - 382010  
Tele : 23222756

**Application : CtO:CCA-Ammendment, No. 312883 Dt. 20/06/2024, Granted On: 16/04/2025**

**PCB Id:14855**

Besides streamlining and simplifying of regulatory regime, Gujarat Pollution Control Board has taken initiative in from of introduction of Consolidated Consent and Authorization (CC&A) which provides for a one shot application and clearance of the consents under Water Act, Air Act and Authorization under Hazardous Wastes Rules for a period of 5 years. Board issues consolidated consent and Authorization to an industrial unit for operation of plant/carrying out industrial activity specifying following conditions.

### Consolidated Consent and Authorisation

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 3(c)& 5(5) of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules'2008 framed under the E(P) Act-1986.

And whereas Board has received consolidated Application No.(CtO:CCA-Ammendment) 312883 and Dated 20/06/2024 for the consolidated consent and authorization(CC&A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

**CONSENT AND AUTHORISATION :** (under the provisions / rules of the aforesaid environmental acts)

To,  
**M/s. Aarti Industries Ltd.,**  
758/1-2-3, City : Jhagadia,  
Dist : Ankleshwar, Tal : Jhagadia, SIDC : Jhagadia  
Phone : 9725189987

**1. Consent Order No:      AWH-142088      Valid Upto:      07/06/2029**

**2. All Conditions under the AIR ACT-1981 WATER ACT-1974 HAZARDOUS ACT-2008 shall be Applicable to you as mentioned in the detailed Consent Order \*\*\***

**Consented CETP: Not Linked to any CETP**

**Consented TSDF: B.E.I.L, Ankleshwar [14983]**

### **3. GENERAL CONDITIONS :-**

- a) This order is provisional order and detailed order is considered as final.
- b) All the conditions & provisions under the Water Act 1974, the Air Act 1981 and the Environment (Protection) Act – 1986 and the rules made there under shall be complied with \*.
- c) All the conditions & provisions under the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2008 as amended shall be complied
- d) The applicant 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.
- e) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(A) during day time and 70dB(A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- f) In case of change of ownership/management the name and address of the new owners/ partners/ directors/ proprietor or equipment or working conditions as mentioned in the consents form / order should immediately be intimated to the Board.
- g) Industry shall have to display data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premises.
- h) The CCA shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- i) Any unauthorized change in personnel, equipment or working conditions as mentioned in the CCA order by CCA holder shall constitute a breach of this CCA.
- j) Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 5 meters width is developed.
- K) The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

**\*\*\* Note : ACT-Specific, Industry-specific, Area-specific Conditions alongwith Product, Waste water effluent details shall be precisely mentioned in the DETAILED Consent Order.**

**\*\*\* Note :This is only provisional communication. The final Consent/Authorization in hard copy with duly signed by competent authority shall the final and valid Consent/Authorization.**

For and on behalf of  
Gujarat Pollution Control Board

*D. M. Thaker.*

( Member Secretary )





## 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	Size (M.M.)	100	Conn No.	12
Bill No.	10/AUG/25	Bill Month	AUG-25	Bill Date	12-Sep-25

## Your Account Summary :-

Last Date :- 27-Sep-25

Total Outstanding Amount
0.00

Total Interest
0.00

This Month Charges
1484086.10

Total Amount Payable
1484086

Last Bill Pay Amount :- 1822713.00 0.00

Last Bill Pay Date :- 22-Aug-25

## Thi Month's Charges :-

Meter Status	Normal
Current Reading	1049103
Previous Reading	1023112
Consumption	0.00 25991
Rate / 1000 Ltr.	57.10
Normal Water Usage Charges	0.00 1484086.10
Excess Water Usage Charges	0.00
Fix Charges/Minimum	0.00
Penalty	0.00
Annexure Amt.	0.00
This Month's Charges :	1484086.10

## Your Account Details :-

Outstanding	0.00
Interest Rs	0.00
Penal Interest Rs	0.00
This Month Charges	1484086.10
Gross Amount	1484086.00
Net Amount (Before Last Date)	1484086.00

## Amount Payable After Last Date

Interest Rs	14840.86
Penal Interest Rs	3710.22
Gross Amount	1502637.08
Net Amount After Last Date	1502637.00

## 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/AUG/25
Bill Date	12-Sep-25
Connection	12
Payable Before	27-Sep-25 1,484,086.00
Payable After	27-Sep-25 1,502,637.08
Payment Mode :	Chq/D.D. / Cash
Amount	Fourteen Lakh Eighty Four Thousand Eighty Six
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/AUG/25
Bill Date	12-Sep-25
Connection	12
Payable Before	27-Sep-25 1,484,086.00
Payable After	27-Sep-25 1,502,637.08
Payment Mode :	Chq/D.D. / Cash
Amount	Fourteen Lakh Eighty Four Thousand Eighty Six
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. Rivert if quantity considered is not true. \*
- The Effective Water Rate from 01/04/2025 is Rs. 56.00 Per KL + CSR Fund Rs.1.10 = Rs. 57.10
- 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

016  
P. J. J. J.  
Indust

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



Government of Gujarat

STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

No. SEIAA/GUJ/EC/5(f)/593/2019

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 SEIAA/GUJ/EC/5(1)/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-38.2	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(1)/81/2013 dated 22/04/2013 shall remain unchanged.

With regards,  
Yours sincerely,

  
(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





**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/

254

Date:

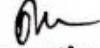
19/6/12

**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  
2/25/12



# 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 16<sup>th</sup> 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





o/c

13<sup>th</sup> Aug 2025

AIL/JH/2025/ENV/072

XGN ID: 14855

✓ To,

The Unit Head,  
Ankleshwar Division  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector 10/A,  
Gandhinagar - 382010.

**Sub.: Compliance Report for the observations and suggestions given in the Environment Audit Report for the period of April 2024 - March 2025**

Respected Sir,

With reference to the above mentioned subject, we are submitting herewith the pointwise compliance report for the observations and suggestions given by the by Schedule - I Environment Auditor in the Environment Audit Report for the period of April 2024 - March 2025.

Thanking You,

For, Aarti Industries Limited (Unit -1 )

  
Authorized Signatory

Copy to:

The Regional Officer, Gujarat Pollution Control Board, Ankleshwar.

Encl:

1. Annexure-1: Compliance Report of the Observation and suggestions given by Auditor

22/08/25  
Gujarat Pollution Control Board  
Head Office  
Sector No.-10-A,  
Gandhinagar-382010

### Annexure-1

Compliance Report of the Observation and Recommendations given by Auditor		
Sr. No.	OBSERVATIONS	COMPLIANCE STATUS
1	M/S. Aarti Industries Ltd., has a valid consent No AWH-119699 Date of Issue 29/06/2022 & H-119700 Date of Issue 09/09/2022 under Water Act – 1974, Air Act – 1981 and Authorization under Environment (Protection) Act, 1986, all valid up to 07/06/2029.	Noted & Complied
2	The power consumption for the current audit period is 52013611 kWh.	Noted & Complied
3	The average water consumption during the current audit period is 999 KL/Day which is less than previous year water consumption. The water consumption for last year was 1034 KL/Day due to a decrease of 4.12% in the production volume as compared to the last year. However, the unit has complied with the permissible quantity.	Noted & Complied as per the CCA
4	The average Industrial waste water generation during the current audit period is 191.04 KL/Day which is equal to previous year Industrial waste water generation was 190.99 KL/Day. However, the unit has complied with the limit prescribed in their CC&A throughout the year.	Noted & Complied as per the CCA
5	The total power consumption for treatment of waste water during the current audit period is 9326646 kWh.	Noted & Complied as per the CCA
6	The industry is ISO 14001:2015, ISO 45001:2018, ISO 9001:2015 & RC certified.	Noted
7	A green belt with adequate width and density has been developed as per requirement.	Noted
8	Housekeeping of the industry is found to be very good.	Noted
9	Magnetic flow meters are provided at the inlet and outlet.	Noted
10	Online ETP monitoring system(Flow meter & PTZ camera) is provided at ETP-RO permeate system and the same is connected with GPCB & CPCB-OCEMS portal.	Noted
11	The ETP of industry is in good condition and well maintained.	Noted
12	Industry has provided adequate stack monitoring facilities as	Noted





	sampling ports, sampling platform, and electrical connections with approach ladder.	
13	Industry has installed adequate numbers of fire extinguishers at different locations within premises to meet any fire hazard & minimize damage to environment, Human beings & properties. Industry is carrying out medical check-ups of employees at the time of appointment. However, Industry has a dispensary to give medical treatment to its employees as and when required. In case of major accidents the industry has tied up with nearby Hospitals.	<b>Noted</b>
14	Industry has also appointed a medical officer.	<b>Noted</b>
15	Industry has appointed a private consultant for monthly monitoring of stack gas, ambient air and effluent/water.	<b>Noted</b>
16	Adequate protection is provided in the case of rotary parts in machineries like pumps, couplings and fan belts.	<b>Noted</b>
17	The company has prepared onsite-offsite emergency plan.	<b>Noted</b>

Sr. No.	Recommendation	COMPLIANCE STATUS
1	It is recommended to improve the percentage of green belt outside the company premises.	<b>Complied</b> The unit has successfully established a green belt with adequate width and density within its premises. As recommended by the auditor, the unit has also completed land preparation and fencing for a 4.25-acre plot at Revenue Survey No. 364, located near Jhagadia GIDC. Plantation activities on this site will be started in the near future.



### Adequacy Certificate of Environmental Management System

**M/s. R. N. G. Patel Institute of Technology, Isroli - Afwa, Bardoli** is recognized by the GPCB, Gandhinagar under the Environmental Audit Scheme introduced by the Hon'ble High Court Gujarat, vide its order dtd. 20/12/1996 and 13/3/1997 and modified order dtd. 16/9/1999, as an environmental auditor for the purpose of the auditing, having carried out the Environmental audit of, **M/s. Aarti Industries Limited**

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

**Manufacturing products:**

Name of products		
1	Group- A	Mono nitro derivatives of Benzene & Chlorobenzene
2	Group- B	Dinitro Derivatives of Benzene & MCB
3	Group- C	Di Ethyl Sulphate
4	Group- D	Hydrogenated Products
5	Group- E	Only Physical Separation of o/p/m Chloro Toluene
6	Group- F	Only Physical Separation of 2,3 DCNB, 3,4 DCNB
7		Co-generation power plant (MWH)

Having completed the environmental audit based on personal monitoring, and audit report, prepared as per the direction of the Hon'ble High Court in Environmental Audit Scheme, it is certified that the Environmental Management System (EMS) provided by this industry for the products manufactured and capacity as stated above is **adequate and efficacious** to achieve the quality of effluents (Air + Waste Water + Solid Waste) as specified in consent / Notification by GPCB, Gandhinagar for the following quantity of waste generation:

The certificate is valid for the audit period only. However it is subjected to automatic cancellation in case of any change in product profile/capacity, quality and quantity of effluent emission (Air + Waste Water + Solid Waste) and efficiency of EMS equipment.  
This Certificate forms part of the environmental audit report.



**R. N. G. Patel Institute of Technology,**  
At: Isroli, Po: Afwa, Tal: Bardoli,  
Dist: Surat – 394620. Gujarat.

  
Director,

**R. N. G. Patel Institute of Technology,**  
At: Isroli, Po: Afwa, Tal: Bardoli,  
Dist: Surat – 394620. Gujarat

**Date:** 10/05/2025  
**Place:** Bardoli

*Chemical Engineering Department (R. N. G. Patel Institute of Technology, Bardoli.)*



ISO 9001:2006  
Certified Company

TC-7652

ISO 45001:2018  
Certified Company

**TEST REPORT**  
**(STACK MONITORING)**

<b>ULR No.</b>	<b>TC76522500002026F</b>		
<b>Discipline.:</b>	<b>Chemical Testing</b>	<b>Name of Group</b>	<b>Atmospheric Pollution</b>
<b>Test Report No.</b>	UERL-D/25/08/S-028	<b>Report Issue Date</b>	05/09/2025
<b>Service Request form No.</b>	UERL-D/AIR/SRF/25/08/S-028	<b>Service Request Date</b>	08/08/2025
<b>Sample ID No.</b>	UERL-D/AIR/ID/25/08/S-028	<b>Field Data Sheet No.</b>	UERL-D/AIR/FDS/25/08/S-028
<b>Name &amp; Address of Customer</b>	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- JHAGADIA DIST-BHARUCH (393110), GUJARAT, INDIA		
<b>Date of Sampling</b>	08/08/2025	<b>Date of Testing</b>	09/08/2025
<b>Stack Sampling Attached to</b>	<b>D.G set 1 (1010 KVA)</b>		
<b>Air Pollution Control Device</b>	--		
<b>Fuel Used</b>	HSD		

➤ **Details of Instrument Used for Monitoring**

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

➤ **General Stack Monitoring Observation**

<b>Sr. No.</b>	<b>Description</b>	<b>Unit of measurement</b>	<b>Observation</b>
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	12.5
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1642.7

➤ **Test Parameter Results**

<b>Sr. No.</b>	<b>Test Parameter</b>	<b>Method of Test</b>	<b>Unit of Measurement</b>	<b>Permissible Limit</b>	<b>Result</b>
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	<b>150</b>	73.4
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	<b>100</b>	6.3
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	<b>50</b>	32.1

**Remarks:**

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

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

**Verified By:**

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

**Authorized By:**

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2006  
Certified Company

ISO 45001:2018  
Certified Company

**TEST REPORT**  
**(STACK MONITORING)**

<b>ULR No.</b>	<b>TC76522500002027F</b>		
<b>Discipline.:</b>	<b>Chemical Testing</b>	<b>Name of Group</b>	<b>Atmospheric Pollution</b>
<b>Test Report No.</b>	UERL-D/25/08/S-029	<b>Report Issue Date</b>	05/09/2025
<b>Service Request form No.</b>	UERL-D/AIR/SRF/25/08/S-029	<b>Service Request Date</b>	08/08/2025
<b>Sample ID No.</b>	UERL-D/AIR/ID/25/08/S-029	<b>Field Data Sheet No.</b>	UERL-D/AIR/FDS/25/08/S-029
<b>Name &amp; Address of Customer</b>	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- JHAGADIA DIST-BHARUCH (393110), GUJARAT, INDIA		
<b>Date of Sampling</b>	08/08/2025	<b>Date of Testing</b>	09/08/2025
<b>Stack Sampling Attached to</b>	<b>D.G set 2 (1010 KVA)</b>		
<b>Air Pollution Control Device</b>	--		
<b>Fuel Used</b>	HSD		

➤ **Details of Instrument Used for Monitoring**

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

➤ **General Stack Monitoring Observation**

<b>Sr. No.</b>	<b>Description</b>	<b>Unit of measurement</b>	<b>Observation</b>
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	128
6.	Exit Gas Velocity	m/s	12.7
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1646.7

➤ **Test Parameter Results**

<b>Sr. No.</b>	<b>Test Parameter</b>	<b>Method of Test</b>	<b>Unit of Measurement</b>	<b>Permissible Limit</b>	<b>Result</b>
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	<b>150</b>	70.8
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	<b>100</b>	5.9
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	<b>50</b>	35.8

**Remarks:**

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

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

**Verified By:**

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

**Authorized By:**

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)





ISO 9001:2006  
Certified Company

ISO 45001:2018  
Certified Company

**TEST REPORT**  
**(STACK MONITORING)**

<b>ULR No.</b>	<b>TC76522500002028F</b>		
<b>Discipline.:</b>	<b>Chemical Testing</b>	<b>Name of Group</b>	<b>Atmospheric Pollution</b>
<b>Test Report No.</b>	UERL-D/25/08/S-030	<b>Report Issue Date</b>	05/09/2025
<b>Service Request form No.</b>	UERL-D/AIR/SRF/25/08/S-030	<b>Service Request Date</b>	08/08/2025
<b>Sample ID No.</b>	UERL-D/AIR/ID/25/08/S-030	<b>Field Data Sheet No.</b>	UERL-D/AIR/FDS/25/08/S-030
<b>Name &amp; Address of Customer</b>	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- JHAGADIA DIST-BHARUCH (393110), GUJARAT, INDIA		
<b>Date of Sampling</b>	08/08/2025	<b>Date of Testing</b>	09/08/2025
<b>Stack Sampling Attached to</b>	<b>D.G set 3 (1010 KVA)</b>		
<b>Air Pollution Control Device</b>	--		
<b>Fuel Used</b>	HSD		

➤ **Details of Instrument Used for Monitoring**

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

➤ **General Stack Monitoring Observation**

<b>Sr. No.</b>	<b>Description</b>	<b>Unit of measurement</b>	<b>Observation</b>
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	131
6.	Exit Gas Velocity	m/s	11.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1530.0

➤ **Test Parameter Results**

<b>Sr. No.</b>	<b>Test Parameter</b>	<b>Method of Test</b>	<b>Unit of Measurement</b>	<b>Permissible Limit</b>	<b>Result</b>
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	<b>150</b>	82.6
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	<b>100</b>	5.5
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	<b>50</b>	30.7

**Remarks:**

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

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

**Verified By:**

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

**Authorized By:**

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2006  
Certified Company

ISO 45001:2018  
Certified Company

**TEST REPORT**  
(STACK MONITORING)

ULR No.	TC76522500002029F		
Discipline.:	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/S-031	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/S-031	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/S-031	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/S-031
Name & Address 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	08/08/2025	Date of Testing	09/08/2025
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.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467-DTJ-15
Calibration Date	09/06/2025	Next Calibration Due on	08/06/2026

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	129
6.	Exit Gas Velocity	m/s	12.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1659.7

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Method of Test	Unit of Measurement	Permissible Limit	Result
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	150	78.3
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	100	6.4
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	50	36.6

**Remarks:**

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

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

**TEST REPORT**  
(STACK MONITORING)

ULR No.	TC76522500002023F		
Discipline.:	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/S-020	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/S-020	Service Request Date	07/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/S-020	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/S-020
Name & Address 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	07/08/2025	Date of Testing	08/08/2025
Stack Sampling Attached to	D.G set 6 (1010 KVA)		
Air Pollution Control Device	--		
Fuel Used	HSD		

➤ **Details of Instrument Used for Monitoring**

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

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of measurement	Observation
1.	Stack Height	m	25
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1456.5

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Method of Test	Unit of Measurement	Permissible Limit	Result
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	150	70.6
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	100	5.8
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	50	35.1

**Remarks:**

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

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

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Certified Company

**TEST REPORT**  
**(STACK MONITORING)**

<b>ULR No.</b>	<b>TC76522500002031F</b>		
<b>Discipline.:</b>	<b>Chemical Testing</b>	<b>Name of Group</b>	<b>Atmospheric Pollution</b>
<b>Test Report No.</b>	UERL-D/25/08/S-072	<b>Report Issue Date</b>	05/09/2025
<b>Service Request form No.</b>	UERL-D/AIR/SRF/25/08/S-072	<b>Service Request Date</b>	14/08/2025
<b>Sample ID No.</b>	UERL-D/AIR/ID/25/08/S-072	<b>Field Data Sheet No.</b>	UERL-D/AIR/FDS/25/08/S-072
<b>Name &amp; Address of Customer</b>	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- JHAGADIA DIST-BHARUCH (393110), GUJARAT, INDIA		
<b>Date of Sampling</b>	14/08/2025	<b>Date of Testing</b>	15/08/2025
<b>Stack Sampling Attached to</b>	<b>DG Set 07 - 1500 KVA</b>		
<b>Air Pollution Control Device</b>	--		
<b>Fuel Used</b>	HSD		

➤ **Details of Instrument Used for Monitoring**

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

➤ **General Stack Monitoring Observation**

<b>Sr. No.</b>	<b>Description</b>	<b>Unit of measurement</b>	<b>Observation</b>
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	127
6.	Exit Gas Velocity	m/s	12.3
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1599.6

➤ **Test Parameter Results**

<b>Sr. No.</b>	<b>Test Parameter</b>	<b>Method of Test</b>	<b>Unit of Measurement</b>	<b>Permissible Limit</b>	<b>Result</b>
1.	Particulate Matter	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	<b>150</b>	68.9
2.	Sulphur Dioxide	IS 11255 (Part 2)	ppm	<b>100</b>	6.3
3.	Oxide of Nitrogen	IS 11255 (Part 7)	ppm	<b>50</b>	38.3

**Remarks:**

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

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

**Verified By:**

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

**Authorized By:**

Mr. Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



# Annexure - 8

FORM NO. 37  
(Prescribed under Rule 12-B)  
required under Section 7-A (2) (e).

Register Containing Particulars of monitoring of working environment required under Section 7-A (2) (e).  
1. Name of Department/Plant: C.A.I. PLANT  
2. Raw materials, by products and finished products involved in the process: BENZENE, NITRO, NITROGEN  
3. Particulars of sampling: BENZENE, NITRO

Sr. No. and date	Location operation monitored	Identified contaminant	Sampling instrument used	Number of Samples	Airborne Contamination	
					Range	Average
1	2	3	4	5	6	7
1	CAI-3	BENZENE	VOC	01	0.2 PPM	0.1 PPM
	NITRO		METER			
	TANK					
	AREA					
2	CAI-1	BENZENE	VOC	01	0.1 PPM	0.1 PPM
	FF FSD		METER			
	SEPARATOR					
3	CAI-1	BENZENE	VOC	01	0.1 PPM	0.1 PPM
	ST R3		METER			
	WASHER					
4	ST 205A	NITRO	VOC	01	0.2 PPM	0.2 PPM
	NITRO		METER			
	TANK					
5	NITRO	NITRO	VOC	01	0.3 PPM	0.2 PPM
	TANKER	BENZENE	METER			
	UNLOADING					
	POINT					
6	NITRO	NITRO	VOC	01	0.2 PPM	0.2 PPM
	DRUM	BENZENE	METER			
	FILLING					
	AREA					

ફોર્મ નંબર. ૩૭  
રૂલ ૧૨-બી મુજબ

કાર્યસ્થળ નીવારણ અંગેનું રજીસ્ટર

TWA concentrations (As given in Second Schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature person taking sample	Name (In Block Letters)
8	9	10	11	12	13
0.5 PPM	DIGITAL	02	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		
0.5 PPM	DIGITAL	02	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		
0.5 PPM	DIGITAL	03	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		
1 PPM	DIGITAL	01	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		
1 PPM	DIGITAL	01	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		
1 PPM	DIGITAL	02	WITH	[Signature]	PANKAJ SARAF
	PID		IN		
	SENSOR		RANGE		

# AMBIENT AIR QUALITY MONITORING REPORT



Period: August - 2025

FOR

M/s. Aarti Industries Limited.



At

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

Monitoring Organization



Plot No: DHI/E/177 & 178,  
Dahej-II Industrial Estate,  
GIDC, Dahej-392130  
Dist.: Bharuch, Gujarat

Email: [response@uerl.in](mailto:response@uerl.in), Website: [www.uerl.in](http://www.uerl.in)

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ISO 45001:2018  
Certified Company



ISO 9001:2005  
Certified Company

TC-7652

ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC765225000001979F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-010	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-010	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-010	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-010
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.23
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1599.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	86.0
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.4
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	18.6
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	21.0
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	4.1

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

ISO 9001:2005  
Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-010	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-010	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-010	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-010
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

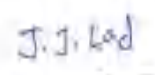
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.23
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1599.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

TC-7652

ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001980F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-011	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-011	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-011	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-011
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1721.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	88.4
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	33.2
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.0
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	22.8
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	10.4
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-011	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-011	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-011	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-011
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

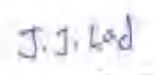
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.31
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1721.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

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ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001981F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-012	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-012	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-012	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-012
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.39
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1624.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	83.7
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	29.1
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	18.5
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	20.4
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	16.2
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	4.0

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-012	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-012	Service Request Date	05/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-012	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-012
Name & Address 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:	04/08/2025	Date of Testing	06/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

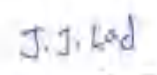
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.39
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1624.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

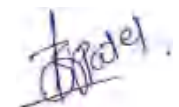
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001982F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-033	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-033	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-033	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-033
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.52
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.06
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1559.5
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	78.5
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.5
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.0
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	18.5
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	12.1
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	8.8
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	2.4

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-033	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-033	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-033	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-033
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

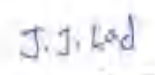
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.52
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.06
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1559.5
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.3

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

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ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001983F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-034	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-034	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-034	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-034
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.01
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.20
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1728.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	80.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	24.0
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	21.8
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	24.1
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	18.7
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	4.1

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

ISO 9001:2005  
Certified Company

ISO 45001:2014  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-034	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-034	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-034	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-034
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

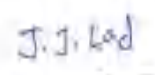
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.01
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.20
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1728.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.8

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001984F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-035	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-035	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-035	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-035
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1656.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	81.4
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.7
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.1
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	22.0
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	9.8
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	8.1
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-035	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-035	Service Request Date	08/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-035	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-035
Name & Address 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:	07/08/2025	Date of Testing	11/08/2025
Location of Sampling / Monitoring:		ETP Expansion (Nr. Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

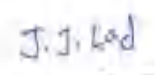
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.22
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1656.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.5

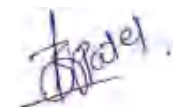
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001985F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-048	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-048	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-048	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-048
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.15
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1693.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	82.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	33.8
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.4
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	23.1
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	12.8
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-048	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-048	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-048	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-048
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

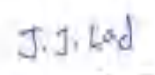
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.54
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.15
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1693.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	8.8

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





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TC-7652

ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001986F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-049	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-049	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-049	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-049
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.29
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1632.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	88.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.8
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.1
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	19.6
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	12.2
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	15.3
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-049	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-049	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-049	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-049
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

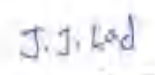
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.29
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1632.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

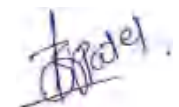
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001987F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-050	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-050	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-050	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-050
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.20
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1568.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	83.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	26.0
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.7
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	20.2
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-050	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-050	Service Request Date	12/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-050	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-050
Name & Address 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:	11/08/2025	Date of Testing	13/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

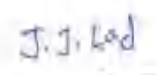
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.20
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1568.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	17.7

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
(AMBIENT AIR MONITORING)

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-062	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-062	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-062	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-062
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

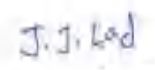
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.59
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1741.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	78.2
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	25.8
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.4
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	19.8
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	18.3
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-062	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-062	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-062	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-062
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

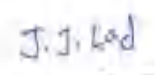
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.59
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1741.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

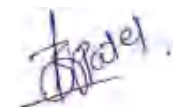
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)

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**TEST REPORT**  
(AMBIENT AIR MONITORING)

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-063	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-063	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-063	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-063
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

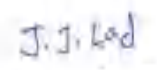
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.34
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.19
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1737.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	80.5
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	31.7
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	16.6
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	17.7
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	6.7
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	21.7
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	2.4

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-063	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-063	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-063	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-063
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

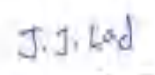
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.34
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.19
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1737.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	17.6

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

**TEST REPORT**  
(AMBIENT AIR MONITORING)

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-064	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-064	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-064	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-064
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

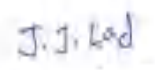
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.48
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1601.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	87.3
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	30.2
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	21.3
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	22.2
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	12.0
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-064	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-064	Service Request Date	14/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-064	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-064
Name & Address 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:	13/08/2025	Date of Testing	18/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

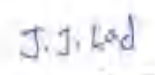
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.48
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1601.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.3

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

TC-7652

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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001988F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-079	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-079	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-079	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-079
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	23.94
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1565.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	78.4
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.8
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	21.8
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	24.2
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	4.9

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-079	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-079	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-079	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-079
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

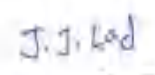
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	23.94
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1565.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	9.0

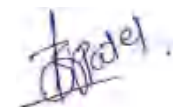
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001989F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-080	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-080	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-080	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-080
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1716.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	83.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	29.6
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.6
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	20.1
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	16.9
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-080	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-080	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-080	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-080
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

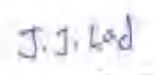
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.24
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1716.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	8.8

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001990F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-081	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-081	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-081	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-081
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.26
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.19
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1732.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	82.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	30.0
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	18.1
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	24.3
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	12.6
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	4.1

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-081	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-081	Service Request Date	19/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-081	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-081
Name & Address 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:	18/08/2025	Date of Testing	20/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

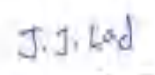
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.26
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.19
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1732.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.5

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





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Certified Company

TC-7652

ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001991F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-106	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-106	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-106	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-106
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	23.98
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1669.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	88.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	32.5
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	18.8
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	21.7
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	7.6
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	15.5
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	3.3

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-106	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-106	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-106	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-106
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

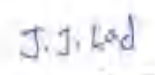
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	23.98
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1669.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	17.9

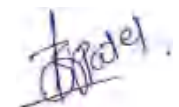
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001992F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-107	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-107	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-107	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-107
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1658.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	86.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	30.2
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.9
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	21.7
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	8.9
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	19.9
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-107	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-107	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-107	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-107
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

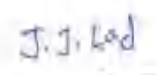
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.46
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1658.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

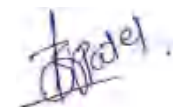
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001993F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-108	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-108	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-108	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-108
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1619.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	77.9
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	24.1
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	23.3
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	27.3
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	BDL (MDL:5.0)
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	BDL (MDL:5.0)
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	3.2

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

ISO 45001:2014  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-108	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-108	Service Request Date	22/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-108	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-108
Name & Address 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:	21/08/2025	Date of Testing	23/08/2025
Location of Sampling / Monitoring:		ETP Expansion (Nr. Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

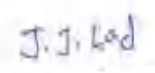
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.54
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1619.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001994F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-117	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-117	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-117	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-117
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.47
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1703.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	80.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	30.1
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	23.8
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	26.4
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	10.3
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	9.6
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-117	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-117	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-117	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-117
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

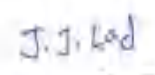
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.47
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1703.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	BDL (MDL:5.0)

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





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ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001995F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-118	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-118	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-118	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-118
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.23
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1657.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	88.5
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	33.7
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.1
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	23.8
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	12.6
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	14.5
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	2.4

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-118	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-118	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-118	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-118
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

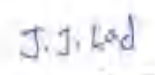
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.23
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1657.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.5

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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Certified Company

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Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001996F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-119	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-119	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-119	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-119
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.16
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1681.5
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	78.2
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	30.4
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	17.7
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	19.2
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	8.6
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	6.5
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

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Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-119	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-119	Service Request Date	26/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-119	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-119
Name & Address 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:	25/08/2025	Date of Testing	27/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

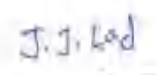
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.16
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1681.5
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	35.5

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



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ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001997F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-144	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-144	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-144	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-144
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

### ➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1602.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	79.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	28.4
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.2
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	21.6
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	14.2
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	14.6
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	3.3

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2005  
Certified Company

ISO 45001:2014  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-144	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-144	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-144	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-144
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:	Near Main Gate		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/01	Respirable Dust Sampler	190303U004	27/03/2025	26/03/2026
UERL/AIR/FPS/01	Fine Particulate Sampler	160802021	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

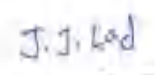
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.06
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1602.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	26.7

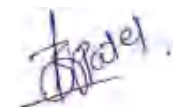
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2005  
Certified Company

TC-7652

ISO 45001:2014  
Certified Company

## TEST REPORT (AMBIENT AIR MONITORING)

ULR No.	TC76522500001998F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-145	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-145	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-145	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-145
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:	Emergency Gate (DG Cooling Tower)		

### ➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

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

Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.14
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1622.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

### ➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	79.8
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	28.9
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	21.6
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	25.3
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	6.1
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	12.1
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

ISO 9001:2005  
Certified Company

ISO 45001:2014  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-145	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-145	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-145	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-145
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:		Emergency Gate (DG Cooling Tower)	

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/02	Respirable Dust Sampler	210103156	27/03/2025	26/03/2026
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

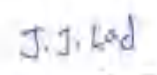
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.14
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1622.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	17.7

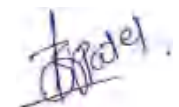
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





ISO 9001:2005  
Certified Company

TC-7652

ISO 45001:2014  
Certified Company

**TEST REPORT**  
(AMBIENT AIR MONITORING)

ULR No.	TC76522500001999F		
Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-146	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-146	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-146	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-146
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ 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 <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1629.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Particulate Matter PM <sub>10</sub>	IS: 5182 (Part 23)	µg/m <sup>3</sup>	100	82.6
2.	Particulate Matter PM <sub>2.5</sub>	IS 5182 (Part 24)	µg/m <sup>3</sup>	60	28.8
3.	Sulphur Dioxide	IS: 5182 (Part 2)	µg/m <sup>3</sup>	80	19.6
4.	Nitrogen Dioxide	IS: 5182 (Part 6)	µg/m <sup>3</sup>	80	22.0
5.	Ozone	IS: 5182 (Part 9)	µg/m <sup>3</sup>	180	12.6
6.	Ammonia (NH <sub>3</sub> )	IS: 5182 (Part 25)	µg/m <sup>3</sup>	400	10.5
7.	Carbon Monoxide (CO)	IS: 5182 (Part 10)	mg/m <sup>3</sup>	2.0	BDL (MDL:1.0)
8.	Chlorine (Cl <sub>2</sub> )	IS: 5182 (Part 19)	µg/m <sup>3</sup>	--	BDL (MDL:2.0)

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

ISO 9001:2005  
Certified Company

ISO 45001:2014  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

Discipline	Chemical Testing	Name Of Group	Atmospheric Pollution
Test Report No.	UERL-D/25/08/A-146	Report Issue Date	05/09/2025
Service Request form No.	UERL-D/AIR/SRF/25/08/A-146	Service Request Date	29/08/2025
Sample ID No.	UERL-D/AIR/ID/25/08/A-146	Field Data Sheet No.	UERL-D/AIR/FDS/25/08/A-146
Name & Address 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:	28/08/2025	Date of Testing	30/08/2025
Location of Sampling / Monitoring:	ETP Expansion (Nr. Cooling Tower)		

➤ Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Calibration Date	Next Calibration Date
UERL/AIR/RDS/03	Respirable Dust Sampler	210103158	27/03/2025	26/03/2026
UERL/AIR/FPS/03	Fine Particulate Sampler	210202146	27/03/2025	26/03/2026

➤ General Sampling / Monitoring Observation as per CPCB Guideline

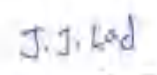
Sr. No.	Description	Unit of Measurement	Observation
1.	Monitoring Duration	h	24.25
2.	Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1629.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3

➤ Test Parameter Results

Sr. No	Test Parameter	Test Method	Unit of Measurement	Specification As per NAAQMS	Result
1.	Lead (Pb)	IS: 5182 (Part 22)	µg/m <sup>3</sup>	1.0	BDL (MDL:0.5)
2.	Benzene	IS: 5182 (Part11)	µg/m <sup>3</sup>	5.0	BDL (MDL:1.0)
3.	Benzo(a)Pyrene (BaP)	IS: 5182 (Part 12)	ng/m <sup>3</sup>	1.0	BDL (MDL:0.1)
4.	Nickel	IS: 5182 (Part 26)	ng/m <sup>3</sup>	20	BDL (MDL:1.0)
5.	Arsenic	IS: 5182 (Part 22)	ng/m <sup>3</sup>	6.0	BDL (MDL:1.0)
6.	Volatile Organic Compound	IS: 5182 (Part-11)	µg/m <sup>3</sup>	--	BDL (MDL:1.0)
7.	Hydrochloric Acid (HCl)	UERL/AIR/SOP/07	µg/m <sup>3</sup>	--	17.7

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



# **"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**



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

REF: BEIL/ANK/2019

11<sup>th</sup> JANUARY, 2020

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

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

Dear Sir,

We hereby certify that you have become member of the common Solid/Hazardous Waste Disposal Facility developed by For, BEIL INFRASTRUCTURE LIMITED (Formerly Known as Bharuch Enviro Infrastructure Ltd)., at GIDC, Ankleshwar. You have booked solid waste quantity **2800 MT/ Year** (Original Booked Quantity **900 MT** + Increased Quantity **1900 MT**). Your Membership No. is **JHG/008**.

Thanking you,

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

**AUTHORISED SIGNATORY**

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



06<sup>TH</sup> 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](mailto: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	<b>404.00 KL</b>
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	<b>NIL</b>
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	<b>NIL</b>
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	<b>NIL</b>
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	<b>NIL</b>
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C,otherwise than in bulk	<b>NIL</b>
कुल क्षमता /Total Capacity	<b>404.00 KL</b>

**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 : [jtcce.vadodara@explosives.gov.in](mailto:jtcce.vadodara@explosives.gov.in)

Phone/Fax No : 0265 - 2361035

संख्यां /No. : P/WC/GJ/15/2715 (P404037)

दिनांक /Dated : 11/10/2023

सेवा में /To,

M/s. M/s. AARTI INDUSTRIES LIMITED,  
PLOT NO. 756/4,5,6,7 & 779, GIDC Industrial Area,  
GIDC Jhagadia,  
Jhagadia,  
Taluka: Jhagadia,  
District: BHARUCH,  
State: Gujarat  
PIN: 393110

विषय /Sub : Survey No, 135, 136 & Plot No. 758/1-2-3, 779,756/2A/B, 756/3A/B,756/4A/B,756/5A/B,, GIDC JHAGADIA, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में स्थित पेट्रोलियम वर्ग A अधिष्ठापन - पेट्रोलियम नियम 2002 के अंतर्गत प्ररूप XV में जारी अनुज्ञापति सं P/WC/GJ/15/2715 (P404037) – संशोधन के संदर्भ में ।  
Existing Petroleum Class A Installation at Survey No, 135, 136 & Plot No. 758/1-2-3, 779,756/2A/B, 756/3A/B,756/4A/B,756/5A/B,, GIDC JHAGADIA, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110- Licence No. P/WC/GJ/15/2715 (P404037) - granted in form XV under Petroleum Rules 2002 - Amendment regarding

महोदय  
/Sir(s),

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या OIN1465378 दिनांक 10/10/2023 का संदर्भ ग्रहण करें ।

Reference to your letter No. OIN1465378 dated 10/10/2023 on the above subject.

दिनांक 31/12/2025 तक वैध अनुज्ञापति संख्या P/WC/GJ/15/2715 (P404037) दिनांक 11/10/2023 निम्नलिखित वर्ग एवं मात्राओं में पेट्रोलियम भंडारण के लिए यथा संशोधित कर इस पत्र के साथ लौटाई जा रही है ।

Licence No. P/WC/GJ/15/2715 (P404037) dated 11/10/2023 valid upto 31/12/2025 is returned herewith duly amended with respect to Lay out Amendment, Capacity Amendment,

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञापति क्षमता /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A, in bulk	1764.00 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	1764.00 KL

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

Copy forwarded to :-

1. The Additional District Magistrate, BHARUCH(Gujarat) with reference to his NOC No MAG/NOC/WS/15081563/1564/2020 Dated 02/03/2020

For Jt. Chief Controller of Explosives  
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/15/2715(P404037)**

फीस रूपए (Fee Rs.) **50000/-** per year

**M/s. M/s. AARTI INDUSTRIES LIMITED, PLOT NO. 756/4,5,6,7 & 779, GIDC Industrial Area, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम **1764.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/WC/GJ/15/2715(P404037)** तारीख **17/03/2020** जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to **M/s. M/s. AARTI INDUSTRIES LIMITED, PLOT NO. 756/4,5,6,7 & 779, GIDC Industrial Area, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** valid only for the importation and storage of **1764.00 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/15/2715(P404037)** dated **17/03/2020** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December **2025** तक प्रवृत्त रहेगी।

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

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	<b>1764.00 KL</b>
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	<b>NIL</b>
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	<b>NIL</b>
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	<b>NIL</b>
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	<b>NIL</b>
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C,otherwise than in bulk	<b>NIL</b>
कुल क्षमता /Total Capacity	<b>1764.00 KL</b>

March 17, 2020

For Jt. Chief Controller of Explosives  
WC, Mumbai

1). Amendment dated - 11/10/2023

**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 Survey No: **135, 136 & Plot No. 758/1-2-3, 779,756/2A/B, 756/3A/B,756/4A/B,756/5A/B,, GIDC JHAGADIA, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **9 Under Ground tank(s) for CLASS A** सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Survey No: 135, 136 & Plot No. 758/1-2-3, 779,756/2A/B, 756/3A/B,756/4A/B,756/5A/B,, GIDC JHAGADIA, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110** and consists of **9 Under Ground tank(s) for CLASS A** together with connected facilities.

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

अनुज्ञप्ति संख्या-(Licence No.) P/WC/GJ/15/2715 (P404037)

**नवीनीकरण के पृष्ठांकन के लिए स्थान**  
**SPACE FOR ENDORSEMENT OF RENEWALS**

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

18/12/2020 31/12/2025

Sd/-

Mohanlal Jana  
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 &amp; Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum &amp; Explosives Safety Organisation (PESO)

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

नवी मुंबई (महाराष्ट्र) - 400614

A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),  
Mumbai - 400614

E-mail : jtcemumbai@explosives.gov.in

Phone/Fax No : 022 - 27575946, 27573881

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

सेवा में /To,

M/s. Aarti Industries Ltd.,  
Plot No. 758/1,2 & 3,  
P.B.No.23, GIDC,  
Jhagadia,  
District: BHARUCH,  
State: Gujarat  
PIN: 393110

1432 दिनांक /Dated : 14/11/2014

18 NOV 2014

विषय /Sub : Plot No, Plot No. 758/1-2-3, GIDC, NA, Jhagadia, District: BHARUCH, State: Gujarat, PIN: 999999 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, District: BHARUCH, State: Gujarat, PIN: 999999 - Licence No. P/HQ/GJ/15/5018 (P168896) - Renewal regarding.

महोदय /Sir  
(s).

कृपया आपके पत्र क्रमांक NIL दिनांक 16/09/2014 का अवलोकन करें ।  
Please refer to your letter No.: NIL, dated 16/09/2014

अनुज्ञप्ति संख्या P/HQ/GJ/15/5018 (P168896) दिनांक 28/07/2009 को दिनांक 31/12/2024 तक नवीनीकृत कर इस पत्र के साथ अद्यतित की जा रही है ।

Licence No. P/HQ/GJ/15/5018 (P168896) dated 28/07/2009 is forwarded herewith duly renewed upto 31/12/2024.

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 to Dy. Chief Controller of Explosives, Vadodara, so as to reach his 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 Dy. 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,

(एस.के.शुक्ला)  
(S K Shukla)

उप मुख्य विस्फोटक नियंत्रक  
Dy. Chief Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
नवी मुंबई (महाराष्ट्र)  
M

(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 भंडारण के लिए अनुज्ञप्ति  
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

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

फीस रूप (Fee Rs.) 2090/- per year

M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, P.B.No.23, GIDC, Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 84.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/GJ/15/5018(P168896) तारीख 28/07/2009 जो कि इससे उपायद्ध है, में दिखाए गए स्थान पर भण्डारण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहने हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, P.B.No.23, GIDC, Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 valid only for the importation and storage of 84.00 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 28/07/2009 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

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

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	28.00 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	84.00 KL

July 28, 2009

  
Chief Controller of Explosives

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टताएं संलग्न अनुमोदित नक्शे में दिखाई गई हैं Plot No: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, District: BHARUCH, State: Gujarat, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित one aboveground Petroleum Class B and one aboveground Petroleum Class C storage tanks together with connected facilities. सम्मिलित हैं।  
The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, District: BHARUCH, State: Gujarat, PIN: 999999 and consists of one aboveground Petroleum Class B and one aboveground Petroleum Class C storage tanks together with connected facilities. together with connected facilities.

पेज सं. 2

अनुज्ञति 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 उनके अधीन बनाए गए नियमों या इस अनुज्ञति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञति 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.

1).	22/11/2011	31/12/2014	Sd/- Dr. M.L.Z. Ansari
2).	14/11/2014	31/12/2024	Sd/- K. Shukla Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Mumbai

यदि अनुज्ञति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुज्ञति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुज्ञति रद्द की जा सकती है और अनुज्ञतिधारी 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 पश्चात्तवर्ती 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.

Ref no. AIL/Lic. No.15451/2024-25/033

19/09/2024

To,  
The Deputy Director.  
Industrial safety & health,  
2<sup>nd</sup> 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.

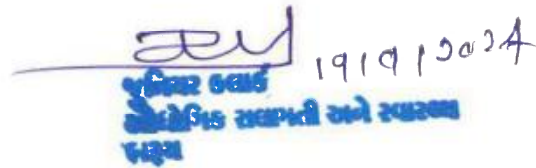
Thanking You,  
For, Aarti Industries Limited,



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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## ANNEXURE 12A

### Compliance of Risk Assessment & Disaster Management Plan

Sr. No.	CONDITIONS	COMPLIANCE
<b>I</b>	<b>On-site Emergency Planning</b>	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 <b>Annexure-12</b>
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 <a href="#">Annexure-12A</a>
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.
<b>II</b>	<b>Off-site Emergency Planning</b>	
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 12A

### 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 <b>Annexure-12A</b>



**VISION POWER FACTx**

**POWER QUALITY – ENERGY AUDITS – SAFETY AUDITS – POWER SYSTEM STUDIES**

## **AREA CLASSIFICATION 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.







## આરોગ્ય રજીસ્ટર

Dr. VISHAL K. TANK  
INDIA, CO  
Reg. No. G-78570  
FACTORY MEDICAL OFFICER



**FORM NO. 33**  
(Prescribed under Rule 68-T and 102)

**Certificate of Fitness of employment in hazardous process and operations.**

(TO BE ISSUED BY FACTORY MEDICAL OFFICER)

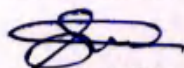
- |    |  |  |
|----|--|--|
| 1. | Serial number in the register of adult workers | : 57005766                                       |
| 2. | Name of the person examined                    | : Maurya Suraj                                   |
| 3. | Father's Name                                  | : Nathuni Maurya                                 |
| 4. | Sex  | : Male   |
| 5. | Residence                                      | : A119, Krishna Residency, Chaklehal, Ankleshwar |
| 6. | Date of birth, if available                    | : 08/12/2000                                     |
| 7. | Name & address of the factory                  | : Aarti Industries Ltd, Bhugadia                 |
| 8. | The worker is employed/proposed                | :  |
|    | (a) Hazardous process                          | :  |
|    | (b) Dangerous operation                        | :  |

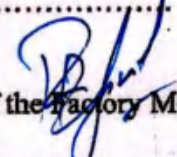
I certify that I have personally examined the above named person whose identification marks are.....Male on face.....and who is desirous of being employed in above mentioned process/operation and that his/her, age, as can be ascertained from my examination, is 25 years.


In my opinion he/she is fit for employment in the Said manufacturing process/operation.

In my opinion he/she is unfit for employment in the said manufacturing process/operation for the reason .....He/She is referred for further examination to the Certifying Surgeon.

The serial number of previous certificate is .....

  
Signature or left hand thumb impression of the person examined :

  
Signature of the Factory Medical Officer **DR. KAVI D. SONARA**  
M.B.B.S, CIH  
Reg. No. G-76678  
Stamp of factory Medical Officer with  
Name of the Factory : **FACTORY MEDICAL OFFICER**

I certify that I examined the person mentioned above on (date of Examination)	I extend this certificate unfit (if certificate is not extended, the period for which the worker is considered unfit for work is to be mentioned)	Signs and symptoms observed During examination	Signature of the Factory medical Officer with date.
08/09/25			 11/9

**Notes :**

1. If declared unfit, reference should be made immediately to the Certifying Surgeon.
2. Certifying Surgeon should communicate his findings to the occupier with 30 days of the receipt of this reference.]

# NOISE LEVEL MONITORING REPORT



Period: August - 2025

FOR

M/s. Aarti Industries Limited.



At

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

Monitoring Organization



Plot No: DII/E/177 & 178,  
Dahej-II Industrial Estate,  
GIDC, Dahej-392130  
Dist.: Bharuch, Gujarat

Email: [response@uerl.in](mailto:response@uerl.in), Website: [www.uerl.in](http://www.uerl.in)

ISO 9001:2013  
Certified Company

ISO 45001:2018  
Certified Company



ISO 9001:2015  
Certified Company

TC-7652

ISO 45001:2018  
Certified Company

## NOISE LEVEL MONITORING REPORT

ULR No.	TC765225000002001F		
Discipline	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/AIR/25/08/N-004	Date of Report	05/09/2025
Name & Address of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		

### Details of Instrument Used for Monitoring.

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

Date of Monitoring: 11-12/08/2025

Results:

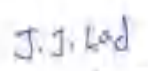
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near VIP Gate	64.7	61.9	75 dB (A)	70 dB (A)
2.	Near Material Gate	66.4	60.2	75 dB (A)	70 dB (A)
3.	Near CN1 2 3 Nox Scrubber Area	71.3	66.8	75 dB (A)	70 dB (A)
4.	Near U/G Benzene Storage Area	68.6	62.7	75 dB (A)	70 dB (A)
5.	Near Gate No 2	71.6	67.0	75 dB (A)	70 dB (A)
6.	Near 30 TPH Boiler Area	69.9	65.6	75 dB (A)	70 dB (A)
7.	Near Acid Tank Farm Loading/Unloading Area	71.6	66.7	75 dB (A)	70 dB (A)
8.	150 KLD SBT Area	67.3	53.6	75 dB (A)	70 dB (A)
9.	Near NT Tank Farm	58.5	61.0	75 dB (A)	70 dB (A)
10.	Near MBR STP	68.0	63.9	75 dB (A)	70 dB (A)

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

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

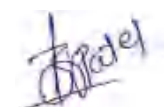
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)





ISO 9001:2015  
Certified Company

ISO 45001:2018  
Certified Company

## NOISE LEVEL MONITORING REPORT

ULR No.	TC765225000002001F		
Discipline	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/AIR/25/08/N-004	Date of Report	05/09/2025
Name & Address of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		

### Details of Instrument Used for Monitoring.

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

Date of Monitoring: 11-12/08/2025

Results:

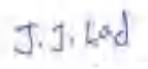
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
11.	Near Ash Silo (CPP Plant)	55.1	67.8	75 dB (A)	70 dB (A)
12.	Near ETP Expansion	61.9	57.0	75 dB (A)	70 dB (A)
13.	Near Utility DM Plant	72.7	68.0	75 dB (A)	70 dB (A)
14.	Near ETP 2	73.4	67.9	75 dB (A)	70 dB (A)
15.	Near Utility RO Section	66.5	62.5	75 dB (A)	70 dB (A)

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

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

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

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2015  
Certified Company

ISO 45001:2018  
Certified Company

## WORKPLACE NOISE LEVEL MONITORING REPORT

ULR No.	TC765225000002000F		
Discipline	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/AIR/25/08/N-003	Date of Report	05/09/2025
Name & Address of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		

### Details of Instrument Used for Monitoring.

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

Date of Monitoring: 12/08/2025

Results:

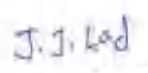
Sr. No.	Location	Noise Level dB(A)	
		Noise Level dB(A)	Permissible Limit TWA (8 hrs.)
1.	Near D.G Set (1-4), PDC 1	71.5	85 dB (A)
2.	CLA Plant (Scrubber System)	72.9	85 dB (A)
3.	PCA Flaker	70.0	85 dB (A)
4.	Methanol Recovery Section (PPPPU Pump)	70.4	85 dB (A)
5.	Near Vaccum Pump (MEE 1 Plant)	71.5	85 dB (A)
6.	Near D.G Set (5&6), PDC 2	68.1	85 dB (A)
7.	MEE 2 3 4 Vaccum Pump	81.7	85 dB (A)
8.	Near AIR Compressor (17 & 30 TPH Boiler)	80.3	85 dB (A)
9.	150 KLD SBT Ozone Generator Vaccum Pump	67.4	85 dB (A)
10.	400 KL Aeration Tank Blower	83.1	85 dB (A)

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

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

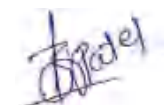
\*\*\*\*\* End of Report \*\*\*\*\*

Verified By:



Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:



Mr. Bhavin Patel  
(Technical Manager)



ISO 9001:2015  
Certified Company

TC-7652

ISO 45001:2018  
Certified Company

### WORKPLACE NOISE LEVEL MONITORING REPORT

ULR No.	TC765225000002000F		
Discipline	Chemical Testing	Name of Group	Atmospheric Pollution
Test Report No.	UERL-D/AIR/25/08/N-003	Date of Report	05/09/2025
Name & Address of Industries	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.		

#### Details of Instrument Used for Monitoring.

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

Date of Monitoring: 12/08/2025

Results:

Sr. No.	Location	Noise Level dB(A)	
		Noise Level dB(A)	Permissible Limit TWA (8 hrs.)
1.	Near ESP (CPP Plant)	82.9	85 dB(A)
2.	Near ESP (30 TPH Boiler)	81.8	85 dB(A)
3.	WTP Air Compressor (CPP Plant)	83.8	85 dB(A)
4.	Coal Conveyer Belt (CPP Plant)	74.6	85 dB(A)
5.	New Vaccum Skid & Surrounding Road	82.6	85 dB(A)

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

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

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

Verified By:

J. J. Lad

Mr. Jiten Lad  
(Sr. Chemist)

Authorized By:

Bhavin Patel

Mr. Bhavin Patel  
(Technical Manager)

# **ENERGY AUDIT REPORT**

**AARTI INDUSTRIES LIMITED,  
Jhagadia, Gujarat**

**Consumer no. 39652**

**Conducted by**



**DEVKI ENERGY CONSULTANCY PVT. LTD.**  
**VADODARA, INDIA**  
[www.devkienergy.com](http://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), Thagadia*

*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*

CSR/CER Activities from Apr'25 to Sep'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	Gram Vikas Trust	Vidhya Sathi Project at Govt. schools of Bharuch district Total 25 teachers	1500000	Students of 69 Gov. Schools	To enhance doule student level in Education to Govt. Schools
2	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
3	AIL Jhagadia	Paryavaran Foundation	Social and educational assistance to the surrounding villages of Jhagadia Taluka	360000	For Educational & Infra Development of Surrounding villages of Jhagadia GIDC	Social and educational assistance to the surrounding villages of Jhagadia Taluka.
4	AIL Jhagadia	Vrindavan Nursery & Farm	Tree Plantation 21000 nos, Greenbelt Development & Care of Tress	6519924	Protect Environment Surrounding Area	Protect Environment
Total				8979924		

Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	SIA/GJ/IND2/33695/2013
Compliance ID	127892451
Compliance Number(For Tracking)	EC/M/COMPLIANCE/127892451/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	27-05-2025
RO/SRO Name	Shrawan Kumar Verma
RO/SRO Email	kr099.ifs@nic.in
State	GUJARAT
RO/SRO Office Address	Integrated Regional Offices, Gandhi Nagar
<b>Note:-</b> SMS and E-Mail has been sent to Shrawan Kumar Verma, GUJARAT with Notification to Project Proponent.	



**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  
+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 ESTATEPHASE 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 ~~memorandum~~/other clause of the Memorandum of Association is taken on this office record on 26/9/2002.



Date 26/9/2002.

( *U.S. PATIL* )  
( U.S. PATIL )

**ASSTT. REGISTRAR OF COMPANIES,**

**GUJARAT**

પ્રારૂપ II  
FORM II

[વિનયમ 20 દેખીયે]  
[See Regulation 20]

દસ્તાવેજો કો પ્રાપ્ત અભિસ્વીકૃત કરને વાલા જ્ઞાપન  
Memorandum acknowledging receipt of documents



સંખ્યા .....

No. 04-7301

કંપનિયો કે રજિસ્ટ્રાર કામકામકસે  
OFFICE OF THE REGISTRAR OF COMPANIES

કંપનિયો કા રજિસ્ટ્રાર .....

..... પરિચીનિત સે સુન્વનિયુત નિમ્નલિખિત દસ્તાવેજ કો પ્રાપ્ત અભિ. તોકાર કરતા હૈ ।

The Registrar of companies acknowledges the receipt of the undermentioned document relating to.....

M/S. .... AARTI INDUSTRIES LIMITED ..... LXXXX

દસ્તાવેજ કા વર્ણન : Form No. 23, alongwith Special Resolution passed

Description of document

સ્ટેશન : on 16.6.2000, U/s. 17 of the Companies Act

સ્ટેશન : 1956, for alteration in main object clause of

સારોધ : Memorandum of Association of the company is taken on

ડેટ : record by this office on 27.6.2000.

જેં એસ. સી-2.

J. S. C-2.

Dt. 27-6-2000

ASSTT.

REGISTRAR OF COMPANIES

પ્રમાસમુદેક-75 સિવિલ/88-89-પ્રાસમુદેક (સી-124)-24-8-89-5,000.

મગીપ્ટી-75 સિવિલ/88-89-મગીપ્ટી (સી-124)-24-8-89-5,000.

gujarat



प्रारूप II  
FORM II

[विनियम 20 देखिए]  
[See Regulation 20]

दस्तावेजों को प्राप्त अभिस्वीकृत करने वाला प्रारूप  
Memorandum acknowledging receipt of documents



04-7301  
संख्या .....  
No.

कम्पनियों के रजिस्ट्रार का कार्यालय  
OFFICE OF THE REGISTRAR OF COMPANIES

कम्पनियों का रजिस्ट्रार .....

..... परिचीकृत से सम्बन्धित निम्नलिखित दस्तावेज को प्राप्त 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 एच० सी-2.

J. H. C-2.

प्रभासमुटेक-75 सिविल/88-89-प्रभासमुटेक(सी-124)-24-8-89-5,000.

महापट्ट-75 टा/11/88-89-महापट्ट-(ट-124)-24-8-89-5,000.

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



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
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<b>Special Conditions</b>	Claims made basis Territory & Jurisdiction : India NA	
<b>Special Exclusions</b>	NA	
<b>Special Excess/Deductible</b>	0	
<b>Retroactive Dates</b>	<b>Date</b>	
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)**