

Ref. No.: AARTI/VAPI/ENV/AMN/2025-2026/033

Date: 21.11.2025

To,
Deputy Director General,
Forest (Central) Regional Office - Gandhinagar,
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010.

Subject: Half-yearly environment clearance conditions compliance report for the period Apr 2025 to Sept 2025.

Ref. : EC No. J-11011/162/2016-IA II (I) dated 15.01.2018.

Respected Sir,

With reference to the above subject we are submitting the Compliance Report (Monitoring period Apr 2025 to Sept 2025. as per condition (xv) of the general conditions as mentioned in environmental clearance letter no. J-11011/162/2016-IA II (I) dated 15th January 2018 for our project 'Expansion in manufacturing of Synthetic Organic Chemicals by M/s. Aarti Industries Limited (Amine Division) at the plot no.285, 286/1, A-1-322/12, 23 & 24, Phase II, GIDC Estate, Vapi, Tal: Pardi, Dist: Valsad, Gujarat. The compliance report is supported with the required attachments.

Thank you.

Yours Faithfully,

For Aarti Industries Limited (Amine Division)



Authorized Signatory

COPY TO

**1) Email to
Central Pollution Control Board,
Vadodara,**

2)Email to SEIAA, Gujarat

**3) The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector – 10 / A
Gandhinagar – 382010**

**4)Uploaded in Parivesh, MoEF&CC
Portal**

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of

April 2025 - September 2025

Sr.No.	EC Condition details	Compliance Status																																																																																											
Specific condition																																																																																													
2	The Ministry of Environment, Forest and Climate Change has examined the proposal for grant of environmental clearance to the project for expansion of synthetic organic chemical manufacturing unit from the present capacity of 555 TPM to 1500 TPM (Amination products) by M/s Aarti Industries Ltd (Amine Division) in a total area of 20568 sqm at Plot No. 285, 286/1, A-1-322/12, 23, 24 Phase II, GIDC Estate, Pardi, District Valsad (Gujarat).	Complied. The unit has Obtained EC to CCA for Manufacturing of 1500 MT/M and Our Production from April-2025 to September -2025 is as mentioned below in condition no. 3.																																																																																											
3	The details of the products presently manufactured and after the proposed expansion are reported to be as under: <table><tr><th>Sr.</th><th>Name of product</th><th colspan="3">Quantity (TPM)</th></tr><tr><th>A</th><th>Amination products</th><th>Existing</th><th>Proposed</th><th>Total</th></tr><tr><td>1</td><td>4-Nitroaniline(PNA) and/or</td><td>50MT</td><td rowspan="7">945MT</td><td rowspan="7">1500 MT</td></tr><tr><td>2</td><td>2-NitroAniline (ONA) and/or</td><td>270MT</td></tr><tr><td>3</td><td>2-Chloro 4-NitroAniline (OCPNA) and/or</td><td>20MT</td></tr><tr><td>4</td><td>Para Chloro Ortho Nitro Aniline (PCONA) and/or</td><td>75MT</td></tr><tr><td>5</td><td>Di Chloro Ortho Nitro Aniline(DCONA) and/or</td><td>130MT</td></tr><tr><td>6</td><td>6-Chloro Ortho Nitro Aniline and/or</td><td>10MT</td></tr><tr><td>7</td><td>4,4-Diamino Diphenyl Sulfone (DADPS)</td><td>-</td></tr><tr><td colspan="2">TOTAL</td><td>555MT</td><td>945MT</td><td>1500MT</td></tr><tr><th>B</th><th colspan="4">Co-Products</th></tr><tr><td>1</td><td>Calcium chloride soln</td><td>767</td><td>806</td><td>1573</td></tr><tr><td>2</td><td>Ammonia solution</td><td>--</td><td>152</td><td>152</td></tr><tr><td>3</td><td>Ammonium sulphate Solution/</td><td>--</td><td>114/40</td><td>114/40</td></tr></table>	Sr.	Name of product	Quantity (TPM)			A	Amination products	Existing	Proposed	Total	1	4-Nitroaniline(PNA) and/or	50MT	945MT	1500 MT	2	2-NitroAniline (ONA) and/or	270MT	3	2-Chloro 4-NitroAniline (OCPNA) and/or	20MT	4	Para Chloro Ortho Nitro Aniline (PCONA) and/or	75MT	5	Di Chloro Ortho Nitro Aniline(DCONA) and/or	130MT	6	6-Chloro Ortho Nitro Aniline and/or	10MT	7	4,4-Diamino Diphenyl Sulfone (DADPS)	-	TOTAL		555MT	945MT	1500MT	B	Co-Products				1	Calcium chloride soln	767	806	1573	2	Ammonia solution	--	152	152	3	Ammonium sulphate Solution/	--	114/40	114/40	Complied. The production figures for the period between April-2025 to Sept-2025 are as below. <table><tr><th>Sr. No</th><th>Name of the Product</th><th>Production between April-2025 to Sept-2025. (in MT)</th></tr><tr><td>1</td><td>4-Nitroaniline(PNA) and/or</td><td>0</td></tr><tr><td>2</td><td>2-NitroAniline (ONA) and/or</td><td>3193.33</td></tr><tr><td>3</td><td>2-Chloro 4-NitroAniline (OCPNA) and/or</td><td>0</td></tr><tr><td>4</td><td>Para Chloro Ortho Nitro Aniline (PCONA) and/or</td><td>1193.51</td></tr><tr><td>5</td><td>Di Chloro Ortho Nitro Aniline(DCONA) and/or</td><td>2021.60</td></tr><tr><td>6</td><td>6-Chloro Ortho Nitro Aniline and/or</td><td>0</td></tr><tr><td>7</td><td>4,4-Diamino Diphenyl Sulfone (DADPS)</td><td>0</td></tr><tr><td>8</td><td>Calcium chloride solution* (* as per unit received a CCA amendment dated 19.08.2025, AWH-147342, also valid up to 16.05.2026.)</td><td>1370</td></tr><tr><td colspan="2">Total production for period April-2025 to Sept-2025</td><td>7778.4 MT</td></tr><tr><td colspan="2">EC/CTE/CCA permissible limit for period April-2025 to Sept-2025</td><td>10573 MT</td></tr></table>	Sr. No	Name of the Product	Production between April-2025 to Sept-2025. (in MT)	1	4-Nitroaniline(PNA) and/or	0	2	2-NitroAniline (ONA) and/or	3193.33	3	2-Chloro 4-NitroAniline (OCPNA) and/or	0	4	Para Chloro Ortho Nitro Aniline (PCONA) and/or	1193.51	5	Di Chloro Ortho Nitro Aniline(DCONA) and/or	2021.60	6	6-Chloro Ortho Nitro Aniline and/or	0	7	4,4-Diamino Diphenyl Sulfone (DADPS)	0	8	Calcium chloride solution* (* as per unit received a CCA amendment dated 19.08.2025, AWH-147342, also valid up to 16.05.2026.)	1370	Total production for period April-2025 to Sept-2025		7778.4 MT	EC/CTE/CCA permissible limit for period April-2025 to Sept-2025		10573 MT
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Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of April 2025 - September 2025

Sr. No	Co-Products	Consented Quantity (MT/Month)	Consented quantity for six months. (MT)	Generation between April 2025 - Sept 2025 (MT)
1	Calcium chloride solution	1573	9438	6492.66
2	Ammonia solution	598	3588	2183.06
3	Ammonium sulphate Solution/Am monium Sulphate Solid	0	0	0
4	Sodium Chloride	0	0	0
5	Copper Hydroxide /Copper oxide	0	0	0
Total		2171	13026	8675.72

Please refer to **Annexure-I**.

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of April 2025 - September 2025

		<table><tr><th>Month</th><th>Avg fresh water Consumption (m³/D)</th><th>Avg recycled water Consumption (m³/D)</th><th>Avg Total water Consumption (m³/D)</th></tr><tr><td>April 25</td><td>286.00</td><td>17.60</td><td>303.60</td></tr><tr><td>May'25</td><td>355.52</td><td>17.22</td><td>372.73</td></tr><tr><td>June'25</td><td>392.60</td><td>26.08</td><td>418.68</td></tr><tr><td>July'25</td><td>378.26</td><td>18.85</td><td>397.11</td></tr><tr><td>Aug'25</td><td>371.48</td><td>10.76</td><td>382.25</td></tr><tr><td>Sept'25</td><td>376.33</td><td>12.19</td><td>388.53</td></tr><tr><td>Average</td><td>360.03</td><td>17.12</td><td>377.15</td></tr></table>	Month	Avg fresh water Consumption (m³/D)	Avg recycled water Consumption (m³/D)	Avg Total water Consumption (m³/D)	April 25	286.00	17.60	303.60	May'25	355.52	17.22	372.73	June'25	392.60	26.08	418.68	July'25	378.26	18.85	397.11	Aug'25	371.48	10.76	382.25	Sept'25	376.33	12.19	388.53	Average	360.03	17.12	377.15
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		All the Water Consumption (Fresh + Recycle) Quantity are within the prescribed limits.																																
6(b) The unit will use recycled water of 147.2 cum/day to meet the process requirement. The industrial effluent will be treated in the ETP, and the treated effluent will be sent to RO followed by MEE to achieve zero liquid discharge. The domestic wastewater of 15 cum/day will be treated in sewage treatment plants.	Details of RO feed , reject, permeate and STP treated effluent is provided below. <table><tr><th>MONTH</th><th>RO FEED (m3/M)</th><th>RO PERMEATE (m3/M)</th><th>STP treated water (m3/M)</th></tr><tr><td>April 25</td><td>932.5</td><td>528.1</td><td>432.03</td></tr><tr><td>May'25</td><td>993.6</td><td>533.7</td><td>488.11</td></tr><tr><td>June'25</td><td>1230.9</td><td>782.3</td><td>449</td></tr><tr><td>July'25</td><td>886.5</td><td>584.3</td><td>418.68</td></tr><tr><td>Aug'25</td><td>526.9</td><td>333.6</td><td>444.63</td></tr><tr><td>Sept'25</td><td>568.44</td><td>365.8</td><td>431.25</td></tr><tr><td>Average</td><td>856.47</td><td>521.30</td><td>443.95</td></tr></table>	MONTH	RO FEED (m3/M)	RO PERMEATE (m3/M)	STP treated water (m3/M)	April 25	932.5	528.1	432.03	May'25	993.6	533.7	488.11	June'25	1230.9	782.3	449	July'25	886.5	584.3	418.68	Aug'25	526.9	333.6	444.63	Sept'25	568.44	365.8	431.25	Average	856.47	521.30	443.95	
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	The unit has installed STP for treating domestic wastewater and all treated sewage is used for gardening purposes. Being a ZLD unit, no effluent is sent to CETP. The certificate for disconnection of drainage connection issued by GIDC on 26/04/2019 is attached as Annexure-III.																																	
6(c) The power requirement will be increased from 1225 KVA to 1525 KVA and proposed to be met from Daxin Gujarat Vij Company Limited (DGVCL).	Monthly Average power consumption from DGVCL for the period April-2025 to Sept-2025 is 570034 KWH <table><tr><th colspan="2">Electricity Purchased from State Grid</th></tr><tr><th>Month</th><th>Units (KWH)/Month</th></tr><tr><td>April 25</td><td>528989</td></tr><tr><td>May'25</td><td>569648</td></tr><tr><td>June'25</td><td>566017</td></tr><tr><td>July'25</td><td>577973</td></tr><tr><td>Aug'25</td><td>593455</td></tr></table>	Electricity Purchased from State Grid		Month	Units (KWH)/Month	April 25	528989	May'25	569648	June'25	566017	July'25	577973	Aug'25	593455																			
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6(d) Existing unit has two DG sets and two steam boilers. One additional coal fired boiler of 25 TPH will be installed. One DG set of 625 KVA will be installed under proposed expansion. Additional boiler and DG set will be used as standby.	The unit currently has 2 Nos DG Sets of 625 KVA and 750 KVA capacity. The unit also has 01 Nos boilers of 13 TPH. DG set results and 13 TPH Boiler results from April-2025 to Sept-2025 are attached as Annexure-IV .																															
6(e) Existing unit has two stacks of autoclave reactor and ONA day tank and Ammonia recovery. Two stage scrubbers will be used to control process emission.	The unit has installed 2 stage scrubbers to treat the vent gasses from the autoclave reactor / ONA day Tank and Ammonia recovery plant. Performance of both the scrubbers are adequate and analysis results are as presented in the table below. <table><tr><th colspan="4">Stack attached to</th></tr><tr><th>Month</th><th>ONA Day tank - NH3 (mg/Nm3)</th><th>ARP plant - NH3 (mg/Nm3)</th><th>GPCB limits NH3 (in mg/Nm3)</th></tr><tr><td>April 25</td><td>135.7</td><td>132.5</td><td rowspan="7">175</td></tr><tr><td>May'25</td><td>131.1</td><td>148.2</td></tr><tr><td>June'25</td><td>138.7</td><td>134.6</td></tr><tr><td>July'25</td><td>133.4</td><td>143.3</td></tr><tr><td>Aug'25</td><td>127.6</td><td>138.6</td></tr><tr><td>Sept'25</td><td>134.3</td><td>131.7</td></tr><tr><td>Average</td><td>133.47</td><td>130.60</td></tr></table> All the Parameters are within the prescribed limits.	Stack attached to				Month	ONA Day tank - NH3 (mg/Nm3)	ARP plant - NH3 (mg/Nm3)	GPCB limits NH3 (in mg/Nm3)	April 25	135.7	132.5	175	May'25	131.1	148.2	June'25	138.7	134.6	July'25	133.4	143.3	Aug'25	127.6	138.6	Sept'25	134.3	131.7	Average	133.47	130.60	
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6(f) ETP waste and Calcium sludge will be sent to the TSDF site. Process waste containing organic complex will be sent to CHWIF. Discarded containers/ Bags will be sent to authorized recyclers. Used oil will be sold to registered reproprocessors. Fly ash will be sent to fly ash handlers and Insulation waste will be sent to TSDF site for disposal.	Details of waste disposed of at BEIL Dahej,SEPPL kutch. for the period between April-2025 to Sept-2025 is as as follows- ETP Waste/Calcium Sludge-979.04 MT Process Waste Containing Organic Complex - 440.4 MT Discarded Container/Bags/liners - 6.46 MT Used Oil - 1.88 MT Fly ash -65.2 MT Insulation Waste - 0.0 MT The quantity of hazardous waste is within the consent limit. The details of disposal of Hazardous waste on a monthly basis is attached as Annexure V .																															
7	All synthetic organic chemicals located inside the notified industrial area estate are at S.N. 5(0) under category 'B'. However, due to applicability of general conditions (located within the 5 km both of Critically Polluted Area of Vapi and Interstate boundary), the project was appraised at central level by the sectoral EAC in the Ministry.	Noted.																														

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

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8	The TOR for the project was granted on 25th October, 2016 with the exemption from public hearing as per the provisions contained in Section 7 (i), II Stage (3), Para (i) (b) of EIA Notification 2006 as the project is located in the notified industrial area.	Noted.																		
9	The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 24 th meeting held during 14-16 June, 2017. The project proponent and the EIA Consultant namely M/s Jyoti Om Chemical Research Centre Private Limited presented EIA / EMP report as per the TOR. The Committee has found the EIA / EMP report to be satisfactory and in consonance with the presented TOR. The Committee has recommended the proposal for grant of environmental clearance.	Noted.																		
10	Based on the proposal submitted by the project proponent and recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to project ' Expansion of Synthetic organic chemical manufacturing unit ' from the present capacity of 555 TPM to 1500 TPM (Amination products) by M/s Aarti Industries Ltd (Amine Division) in a total area of 20568 sqm at Plot No. 285, 286/1, A-1-322/12, 23, 24 Phase II, GIDC Estate, Pardi, District Valsad (Gujarat), under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:	Complied. The unit has a valid CCA, AWH-133769, dated 01.05.2024, valid up to 16.05.2026. Thereafter, the unit received a CCA amendment, AWH-147342, also valid up to 16.05.2026.																		
10(a)	The freshwater requirement shall not exceed 546.8 cum/day from GIDC and prior permission must be obtained from the concerned authority	Complied. The unit receives fresh water from GIDC. Data of the water consumption for the last six months is provided in the table below. The GIDC bill for water consumption for the period from April-2025 to Sept-2025 is attached as Annexure II . <table border="1"><thead><tr><th colspan="2">WATER CONSUMPTION</th></tr><tr><th>MONTH</th><th>AVERAGE (m3/D)</th></tr></thead><tbody><tr><td>April 25</td><td>286.00</td></tr><tr><td>May'25</td><td>355.52</td></tr><tr><td>June'25</td><td>392.60</td></tr><tr><td>July'25</td><td>378.26</td></tr><tr><td>Aug'25</td><td>371.48</td></tr><tr><td>Sept'25</td><td>376.33</td></tr><tr><td>Average</td><td>360.03</td></tr></tbody></table>	WATER CONSUMPTION		MONTH	AVERAGE (m3/D)	April 25	286.00	May'25	355.52	June'25	392.60	July'25	378.26	Aug'25	371.48	Sept'25	376.33	Average	360.03
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M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of April 2025 - September 2025

10(b)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Complied. The Unit has achieved ZLD since 2019 by installing RO Plant and sending the RO reject to MEE plant in our sister concern (Aarti Industries Limited - Organic Division XGN ID 22991) for further treatment via the following manifest system. The certificate for disconnection of drainage connection issued by GIDC on 26/04/2019 is attached as Annexure-III. The unit has obtained a CTE from GPCB with No CTE-88123 on 12.09.2017, CTE Amendment 91741 on 18.07.2018, CTE Amendment 97366 on 10.12.2018 and CTE Amendment 120032 on 03.08.2022 and CCA AWH-101586 dated 14.05.2019, CCA amendment with No H- 106873 Outward Date 05.03.2020 from GPCB for sending RO rejects 40 KLD to captive MEE plant of our sister concern unit (Aarti Industries Limited - Organic Division XGN ID 22991). RO reject water disposal Summary from April-2025 to Sept-2025 is shown in below table. <table><tr><th>MONTH</th><th>RO Reject Total Quantity m3/Month</th><th>RO Reject Total Quantity m3/Day</th></tr><tr><td>April 25</td><td>1097.76</td><td>36.6</td></tr><tr><td>May'25</td><td>920.95</td><td>29.7</td></tr><tr><td>June'25</td><td>1121.19</td><td>37.4</td></tr><tr><td>July'25</td><td>946.83</td><td>30.5</td></tr><tr><td>Aug'25</td><td>744.00</td><td>24.8</td></tr><tr><td>Sept'25</td><td>723.78</td><td>24.1</td></tr><tr><td>Average</td><td>925.75</td><td>30.52</td></tr></table> All the Parameters are within the prescribed limits.	MONTH	RO Reject Total Quantity m3/Month	RO Reject Total Quantity m3/Day	April 25	1097.76	36.6	May'25	920.95	29.7	June'25	1121.19	37.4	July'25	946.83	30.5	Aug'25	744.00	24.8	Sept'25	723.78	24.1	Average	925.75	30.52
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M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

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10(c)	Adequate stack height shall be provided to DG sets.	Complied. DG sets are provided with stacks of adequate height (11 m) and are used as stand-by power sources. Gaseous emission monitoring is being done monthly by MoEF and CC approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). Data of the analysis report has been provided in the table below. Copy of the analysis report is also being attached as Annexure-IV. At no time, the emissions exceeded prescribed limits during the reporting period. <table><tr><th>Table</th><th colspan="3">D.G SET 1 Stack Height: 11m</th><th colspan="3">D.G SET 2 Stack Height: 11m</th></tr><tr><th>MONTH</th><th>PM (mg/Nm3)</th><th>SOx (ppm)</th><th>NOx (ppm)</th><th>PM (mg/Nm3)</th><th>SOx (ppm)</th><th>NOx (ppm)</th></tr><tr><td>GPCB limits</td><td>150</td><td>100</td><td>50</td><td>150</td><td>100</td><td>50</td></tr><tr><td>April' 25</td><td>93.2</td><td>31.8</td><td>47.7</td><td>77.1</td><td>33.7</td><td>48.9</td></tr><tr><td>May'25</td><td>83.7</td><td>37.8</td><td>47.1</td><td>80.1</td><td>36.4</td><td>28.7</td></tr><tr><td>June'25</td><td>77.2</td><td>39.1</td><td>44.4</td><td>83.9</td><td>31.5</td><td>41.4</td></tr><tr><td>July'25</td><td>75.8</td><td>33.2</td><td>41.8</td><td>76.3</td><td>35.7</td><td>43.8</td></tr><tr><td>Aug'25</td><td>86.4</td><td>30.3</td><td>37.8</td><td>72.1</td><td>27</td><td>36.7</td></tr><tr><td>Sept'25</td><td>82.1</td><td>36.6</td><td>44.8</td><td>85.4</td><td>34.3</td><td>41.6</td></tr></table> All the Parameters are within the prescribed limits.	Table	D.G SET 1 Stack Height: 11m			D.G SET 2 Stack Height: 11m			MONTH	PM (mg/Nm3)	SOx (ppm)	NOx (ppm)	PM (mg/Nm3)	SOx (ppm)	NOx (ppm)	GPCB limits	150	100	50	150	100	50	April' 25	93.2	31.8	47.7	77.1	33.7	48.9	May'25	83.7	37.8	47.1	80.1	36.4	28.7	June'25	77.2	39.1	44.4	83.9	31.5	41.4	July'25	75.8	33.2	41.8	76.3	35.7	43.8	Aug'25	86.4	30.3	37.8	72.1	27	36.7	Sept'25	82.1	36.6	44.8	85.4	34.3	41.6
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10(d)	Scrubbers shall be provided to all emissions sources.	Complied. All emission sources are equipped with two stage scrubbers (Water followed by Acidic Scrubber) as required. The scrubbers vents are analyzed by an MoEF approved laboratory (Enviro-Tech and Engineers Pvt. Ltd., Surat) on a monthly basis. The details of analysis are provided in the table below. At no time, the emissions exceeded prescribed limits during the reporting period. Copies of the analysis reports are attached as Annexure VI. <table><tr><th colspan="4">Stack attached to</th></tr><tr><th>Month</th><th>ONA Day tank - NH3 (mg/Nm3)</th><th>ARP plant - NH3 (mg/Nm3)</th><th>GPCB limits NH3 (in mg/Nm3)</th></tr><tr><td>April 25</td><td>135.7</td><td>131.6</td><td rowspan="6">175</td></tr><tr><td>May'25</td><td>131.1</td><td>128.2</td></tr><tr><td>June'25</td><td>138.7</td><td>133.4</td></tr><tr><td>July'25</td><td>133.4</td><td>130.8</td></tr><tr><td>Aug'25</td><td>127.6</td><td>132.3</td></tr><tr><td>Sept'25</td><td>134.3</td><td>127.3</td></tr></table>	Stack attached to				Month	ONA Day tank - NH3 (mg/Nm3)	ARP plant - NH3 (mg/Nm3)	GPCB limits NH3 (in mg/Nm3)	April 25	135.7	131.6	175	May'25	131.1	128.2	June'25	138.7	133.4	July'25	133.4	130.8	Aug'25	127.6	132.3	Sept'25	134.3	127.3																																				
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M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of

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		Average	133.47	130.60	
		All the Parameters are within the prescribed limits.			
10(e)	The green belt of 10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Complied. The unit has developed a green belt in the Notified Area of GIDC Vapi to comply with the CPCB guidelines. 1. Rotary Raymond Circle to Gunjan Talkies (4320 sq.mtrs) 2. Gandhi Garden (2663 sq.mtrs)			
10(f)	5000 trees shall be planted in 5 years in 3 nearby villages with the consultation of the villagers. The survival rate of plants shall be reported to RO, MoEF and CC in 6 monthly compliance report	Complied. The unit has developed a green belt in the Notified Area of GIDC Vapi and nearby villages to comply with the CPCB guidelines.			
10(g)	At least 5% of the total cost of the project shall be earmarked toward the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such a program shall be ensured accordingly in a time-bound manner. The following activities may be undertaken under ESC plan : i. Safe drinking water facility with RO plant in identified 3 nearby villages. The maintenance cost of the RO plant will be borne by the project proponent. ii. Solar/LED lights shall be provided on the streets of the identified villages.	Complied. The Company has spent 16.85 Lack as below for the period of Apr-2025 to Sept- 2025. 1) Donation to Rotary Foundation for Education and Skill Development: Rs 3 Lakhs 2) Donation to VIA for Catch the Rain Project-Construction of 50 Borewells for Rain Water Recharge/Harvesting Rs 8,85,000 3) Renovation/Construction of Toilet Blocks for Vapi Town Police Station Rs 5 Lakhs			
10(h)	A regular environment manager having post graduate qualification in environmental science/ environment engineering to be appointed for looking after the environmental management activities of the proposed plant.	Complied. An experienced environmental engineer holding a BE (Environmental Engineering) degree has been deputed to monitor the environmental management systems along with a central team of 4 Environmental Engineers and an Assistant Manager with Manager. A centralized environment cell stationed at the Corporate office headed by a Vice President drives and monitors environment policy and performance. Organogram of the Environment cell is attached as Annexure VII .			
10(i)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutant concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install a web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Complied. Unit's installed the CEMS as per CPCB/GPCB guideline and real time data is connected to CPCB/GPCB website. Continuous online (24x7) monitoring system for boilers has been installed. For online continuous monitoring of effluent, a flow meter and camera with night vision capability has been installed and connected to the CPCB server since the unit is a ZLD Unit. Photograph of PTZ camera and magnetic flowmeter is attached as Annexure VIII .			

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10(j)	The unit shall make the arrangement for the protection of possible fire hazards during the manufacturing process in material handling. Fire fighting system shall be as per the norms.	Complied. Fire fighting system provided as per norms. The details of various fire fighting systems available in the unit are provided as Annexure-IX.								
10(k)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Following check up has been carried out in periodical medical checkup. - General checkup (height, weight, pulse, BP etc) - Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test, etc. Details of health surveillance of the workers is given below and medical reports have been attached as Annexure-X. <table border="1"> <thead> <tr> <th align="center" colspan="3">Medical surveillance record</th></tr> <tr> <th align="center" rowspan="2">April 2025 to September 2025</th><th align="center">Total no. of Employees</th><th align="center">Total no. of Contract Employees</th></tr> </thead> <tbody> <tr> <td align="center">209</td><td align="center">386</td></tr> </tbody> </table>	Medical surveillance record			April 2025 to September 2025	Total no. of Employees	Total no. of Contract Employees	209	386
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10(l)	All safety norms shall be followed in the warehouse facility.	Complied. All safety norms followed in the warehouse facility. Escape route plan for Warehouse provides a list and depicts the position of various fire fighting and safety equipment. Same has been attached as Annexure-XI.								
10(m)	The by-product which falls under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.	Complied. Unit is complying with Hazardous Waste Rules and It's amended time by time.								
General Condition										
10.1 (i)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied. The unit strictly adheres to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.								
10.1 (ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Complied. Unit will not take any expansion or modification in the plant other than those specified in the EC.								

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Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of

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10.1 (iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied. Unit is complying with The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009. The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat), twice in a week. The results of the analysis are provided in the table. Copy of the analysis report has been attached as Annexure-XII. <table><tr><th colspan="6">AIR AMBIENT MONITORING (all values in µg/Nm3)</th></tr><tr><th>MONTH</th><th>LOCATIONS</th><th>PM10</th><th>PM2.5</th><th>SO2</th><th>NO2</th></tr><tr><td colspan="2">Permissible GPCB Limits</td><td>100</td><td>60</td><td>80</td><td>80</td></tr><tr><td rowspan="3">April'25</td><td>SECURITY GATE-1</td><td>85.6</td><td>39.1</td><td>33.7</td><td>45.1</td></tr><tr><td>Near SFD Plant</td><td>78.3</td><td>35.9</td><td>30.2</td><td>39.2</td></tr><tr><td>SECURITY GATE-3</td><td>75.9</td><td>34.7</td><td>29</td><td>40.4</td></tr><tr><td rowspan="3">May'25</td><td>SECURITY GATE-1</td><td>75</td><td>34.4</td><td>29.3</td><td>39.1</td></tr><tr><td>Near SFD Plant</td><td>72.6</td><td>33.3</td><td>28.2</td><td>37.5</td></tr><tr><td>SECURITY GATE-3</td><td>67.1</td><td>29.9</td><td>25.7</td><td>34</td></tr><tr><td rowspan="3">June'25</td><td>SECURITY GATE-1</td><td>70.8</td><td>32.3</td><td>28.1</td><td>36.7</td></tr><tr><td>Near SFD Plant</td><td>67.5</td><td>30.2</td><td>25.1</td><td>33.2</td></tr><tr><td>SECURITY GATE-3</td><td>66.2</td><td>29.7</td><td>24.7</td><td>33.6</td></tr><tr><td rowspan="3">July'25</td><td>SECURITY GATE-1</td><td>64.9</td><td>29.9</td><td>26.8</td><td>33.4</td></tr><tr><td>Near SFD Plant</td><td>67.1</td><td>30.9</td><td>26.3</td><td>33.5</td></tr><tr><td>SECURITY GATE-3</td><td>63.9</td><td>31.8</td><td>29.1</td><td>34.5</td></tr><tr><td rowspan="3">Aug'25</td><td>SECURITY GATE-1</td><td>60.3</td><td>28.1</td><td>23.4</td><td>29.4</td></tr><tr><td>Near SFD Plant</td><td>58.4</td><td>27.4</td><td>22.8</td><td>29.4</td></tr><tr><td>SECURITY GATE-3</td><td>60.2</td><td>27.9</td><td>24.3</td><td>29.8</td></tr><tr><td rowspan="3">Sept'25</td><td>SECURITY GATE-1</td><td>61.4</td><td>29.3</td><td>25.9</td><td>32.6</td></tr><tr><td>Near SFD Plant</td><td>60.9</td><td>29.3</td><td>24.3</td><td>32.6</td></tr><tr><td>SECURITY GATE-3</td><td>58.5</td><td>27.8</td><td>22.7</td><td>30.9</td></tr></table> All the Parameters are within the prescribed limits.	AIR AMBIENT MONITORING (all values in µg/Nm3)						MONTH	LOCATIONS	PM10	PM2.5	SO2	NO2	Permissible GPCB Limits		100	60	80	80	April'25	SECURITY GATE-1	85.6	39.1	33.7	45.1	Near SFD Plant	78.3	35.9	30.2	39.2	SECURITY GATE-3	75.9	34.7	29	40.4	May'25	SECURITY GATE-1	75	34.4	29.3	39.1	Near SFD Plant	72.6	33.3	28.2	37.5	SECURITY GATE-3	67.1	29.9	25.7	34	June'25	SECURITY GATE-1	70.8	32.3	28.1	36.7	Near SFD Plant	67.5	30.2	25.1	33.2	SECURITY GATE-3	66.2	29.7	24.7	33.6	July'25	SECURITY GATE-1	64.9	29.9	26.8	33.4	Near SFD Plant	67.1	30.9	26.3	33.5	SECURITY GATE-3	63.9	31.8	29.1	34.5	Aug'25	SECURITY GATE-1	60.3	28.1	23.4	29.4	Near SFD Plant	58.4	27.4	22.8	29.4	SECURITY GATE-3	60.2	27.9	24.3	29.8	Sept'25	SECURITY GATE-1	61.4	29.3	25.9	32.6	Near SFD Plant	60.9	29.3	24.3	32.6	SECURITY GATE-3	58.5	27.8	22.7	30.9
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10.1 (iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R NO. 826(E) dated 16th November, 2009 shall be followed.	Complied. Unit is complying with The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009. Please refer to point no.10.1 (iii) and Copy of the analysis report has been attached as Annexure-XII.																																																																																																																		

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of April 2025 - September 2025

10.1 (v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act, 1968 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Complied. The noise levels in the plant conforms to the standards prescribed in the EP Act, 1986. Acoustic Enclosures are equipped with DG sets for Controlling Noise levels. Noise monitoring is carried out by a MoEF approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat) Details of the noise levels at various locations are mentioned in the table below. Copy of the report has been attached as Annexure-XIII. <table><tr><th>SR. NO</th><th>LOCATION (Day time)</th><th>GPCB limit Unit</th><th>Maximum value</th><th>Minimum value</th><th>Mean value</th></tr><tr><td>1</td><td>Lunch Room</td><td rowspan="7">75 dBA</td><td>73.8</td><td>67.4</td><td>70.82</td></tr><tr><td>2</td><td>Security Gate</td><td>72.9</td><td>67.3</td><td>70.92</td></tr><tr><td>3</td><td>Material gate</td><td>74</td><td>68.4</td><td>71.90</td></tr><tr><td>4</td><td>Fabrication workshop</td><td>73.7</td><td>69.2</td><td>70.92</td></tr><tr><td>5</td><td>WareHouse-1</td><td>68.1</td><td>62.3</td><td>65.55</td></tr><tr><td>6</td><td>Warehouse-2</td><td>71.4</td><td>62</td><td>67.70</td></tr><tr><td>7</td><td>Central Toilet Bathroom</td><td>65.5</td><td>60.5</td><td>62.67</td></tr></table> <table><tr><th>SR. NO</th><th>LOCATION (Night time)</th><th>GPCB limit Unit</th><th>Maximum value</th><th>Minimum value</th><th>Mean value</th></tr><tr><td>1</td><td>Lunch Room</td><td rowspan="7">70 dBA</td><td>69.5</td><td>59.7</td><td>64.57</td></tr><tr><td>2</td><td>Security Gate</td><td>67.2</td><td>62.7</td><td>65.30</td></tr><tr><td>3</td><td>Material gate</td><td>68.3</td><td>62.4</td><td>64.55</td></tr><tr><td>4</td><td>Fabrication workshop</td><td>67.1</td><td>64.5</td><td>66.03</td></tr><tr><td>5</td><td>WareHouse-1</td><td>63.3</td><td>55.8</td><td>59.90</td></tr><tr><td>6</td><td>Warehouse-2</td><td>66.2</td><td>56.6</td><td>60.90</td></tr><tr><td>7</td><td>Central Toilet Bathroom</td><td>58.1</td><td>53.3</td><td>56.02</td></tr></table> All the Parameters are within the prescribed limits.	SR. NO	LOCATION (Day time)	GPCB limit Unit	Maximum value	Minimum value	Mean value	1	Lunch Room	75 dBA	73.8	67.4	70.82	2	Security Gate	72.9	67.3	70.92	3	Material gate	74	68.4	71.90	4	Fabrication workshop	73.7	69.2	70.92	5	WareHouse-1	68.1	62.3	65.55	6	Warehouse-2	71.4	62	67.70	7	Central Toilet Bathroom	65.5	60.5	62.67	SR. NO	LOCATION (Night time)	GPCB limit Unit	Maximum value	Minimum value	Mean value	1	Lunch Room	70 dBA	69.5	59.7	64.57	2	Security Gate	67.2	62.7	65.30	3	Material gate	68.3	62.4	64.55	4	Fabrication workshop	67.1	64.5	66.03	5	WareHouse-1	63.3	55.8	59.90	6	Warehouse-2	66.2	56.6	60.90	7	Central Toilet Bathroom	58.1	53.3	56.02
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10.1 (vi)	The company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the groundwater and use the same water for the process activities of the project to conserve fresh water.	Complied. Recharging of groundwater is not allowed in the GIDC area. However, the Unit has installed a roof top rainwater harvesting system and harvested rainwater is used for various purposes inside the premises. Photographs of rooftop rainwater harvesting systems and lines are attached as Annexure-XIV.																																																																																				
10.1 (vii)	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling chemicals is imparted regularly. Training and Medical surveillance record given below table.																																																																																				

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi
Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of
April 2025 - September 2025

		<table><tr><td>SR No.</td><td colspan="3">Safety and Health aspects training to employees</td></tr><tr><td>1</td><td>Total Employees</td><td colspan="2">Sustainability Training including Safety Induction /111-A (including Handling of chemicals)</td></tr><tr><td>2</td><td>223</td><td colspan="2">174</td></tr><tr><td colspan="4">Medical surveillance</td></tr><tr><td>SR No.</td><td>April 2025 to September 2025</td><td>Total no. of Employees</td><td>Total no. of Contract Employees</td></tr><tr><td>1</td><td></td><td>209</td><td>386</td></tr></table>	SR No.	Safety and Health aspects training to employees			1	Total Employees	Sustainability Training including Safety Induction /111-A (including Handling of chemicals)		2	223	174		Medical surveillance				SR No.	April 2025 to September 2025	Total no. of Employees	Total no. of Contract Employees	1		209	386
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10.1 (viii)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied. The company has complied with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry. All the recommendations made in the EIA/EMP in respect of environmental management are implemented. Status of the compliance to the recommendations made in the EIA/EMP is attached as Annexure XV .																								
10.1 (ix)	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Complied. The Company has spent 16.85 Lack as below for the period of Apr-2025 to Sept- 2025. 1) Donation to Rotary Foundation for Education and Skill Development: Rs 3 Lakhs 2) Donation to VIA for Catch the Rain Project-Construction of 50 Borewells for Rain Water Recharge/Harvesting Rs 8,85,000 3) Renovation/Construction of Toilet Blocks for Vapi Town Police Station Rs 5 Lakhs																								
10.1 (x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied. The Company has spent 16.85 Lack as below for the period of Apr-2025 to Sept- 2025. 1) Donation to Rotary Foundation for Education and Skill Development: Rs 3 Lakhs 2) Donation to VIA for Catch the Rain Project-Construction of 50 Borewells for Rain Water Recharge/Harvesting Rs 8,85,000 3) Renovation/Construction of Toilet Blocks for Vapi Town Police Station Rs 5 Lakhs																								
10.1 (xi)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. The Environment management cell comprises operators / supervisors/ Environmental Engineers / Plant Manager / Environmental Manager / Unit Head, Vice Presidents.																								

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of

April 2025 - September 2025

		Full fledged laboratory facility exists for environmental monitoring with facilities to carry out analysis like pH, COD, TDS, MLSS, MLVSS. The organogram is attached as Annexure VII.																																															
10.1 (xii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Complied. There is no limit to utilize the budget for the Environment management system. Budgetary allocation is made for revenue expenditure for routine operation of various treatment facilities. Details of operation cost of ETP and Reverse Osmosis plants for 6 months are provided as below. Allocated funds for environment management / pollution control are not diverted for any other purpose. <table><tr><th rowspan="2">Month</th><th colspan="3">ETP Expenses (in Rs)</th><th colspan="2">Sustainability Expenses (in Rs)</th></tr><tr><th>Power</th><th>Chemical</th><th>Man power</th><th>Waste Disposal</th><th>Environmental Monitoring</th></tr><tr><td>April 25</td><td>58921</td><td>320987</td><td>155000</td><td>2390840</td><td>57000</td></tr><tr><td>May'25</td><td>61966</td><td>368725</td><td>155000</td><td>2946736</td><td>70000</td></tr><tr><td>June,25</td><td>63908</td><td>334672</td><td>155000</td><td>2399821</td><td>57000</td></tr><tr><td>July 25</td><td>19035</td><td>409009</td><td>155000</td><td>3508972</td><td>57000</td></tr><tr><td>Aug'25</td><td>17745</td><td>399302</td><td>155000</td><td>3217867</td><td>70000</td></tr><tr><td>Sept 25</td><td>14407</td><td>414251</td><td>155000</td><td>3410920</td><td>70000</td></tr></table> The total expense is INR rupees	Month	ETP Expenses (in Rs)			Sustainability Expenses (in Rs)		Power	Chemical	Man power	Waste Disposal	Environmental Monitoring	April 25	58921	320987	155000	2390840	57000	May'25	61966	368725	155000	2946736	70000	June,25	63908	334672	155000	2399821	57000	July 25	19035	409009	155000	3508972	57000	Aug'25	17745	399302	155000	3217867	70000	Sept 25	14407	414251	155000	3410920	70000
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10.1 (xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whose suggestions/representations, if any, were received while processing the proposal.	Complied. The Unit has submitted the copy of the Environmental Clearance to necessary statutory authorities.																																															
10.1 (xiv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEFandCC, the respective Zonal Office of CPCB and the State Pollution Control Board A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied. Six monthly compliance reports with all the required data have been sent to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board. Last Half yearly EC compliance was submitted on 20.05.2025 and an inward copy of the same has been attached as Annexure XVI .																																															
10.1 (xv)	The Environmental statement for each financial year ending 31st March in Form V as is mandated shall be to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Environment Clearance conditions and shall also be sent to the respective Regional Offices of MoEF by email.	Noted and Agreed. The unit is regularly submitting Environment Statement Form- V every year. Our last submission of Environmental statement for Last financial year (2024-25) in Form V was submitted on 02.06.2025. Unit will submit the next Environment statement for the year(2025-26) soon.																																															

M/s. Aarti Industries Limited (Amine Division), Plot no-285,286/1,A-1-322/12,23,24,GIDC Vapi

Environment Compliance report for vide letter No J-11011/162/2016-IA II (I) dated 15.01.2018 for the period of April 2025 - September 2025.

10.1 (xvi)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at the website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry	Complied. Advertisement has been given in the newspaper which is widely circulated in the region one in vernacular language and one in local language. The copy of the same has been attached as Annexure XVII .
10.1 (xvii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. The project is self financed and hence the date of financial closure is not applicable.
11	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted and Agreed.
12	The ministry reserves the right to stipulate additional conditions, if found necessary. The company , in a time bound manner will implement these conditions.	Noted and Agreed.
13	The above conditions will be enforced inter-alia under the provisions of The Water (Prevention of Pollution) Act - 1974, The Air (Prevention of Pollution) Act - 1981, The Environment (Protection) Act - 1986, The Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and The Public Liability Insurance Act - 1991 read with subsequent amendments therein.	Noted



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

R.P.A.D.

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

And whereas Board has received CC&A (Renewal) application inward no: **288758** dated: **06.11.2023** for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

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

To,

M/s. Aarti Industries Ltd. (Amine Division),
Plot No. 285, 286/I, A-1 322/12, 23 & 24, Phase-- III,
GIDC Estate Vapi - 396195,
Tal: Pardi, Dist : Valsad.

1. Consent Order No.: AWH- 133769, Date of issue: 18.04.2024.
2. The consents shall be valid up to 16.05.2026 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity
1	4-Nitro- Aniline (PNA) And/or	1500 MT/Month
2	2-Nitro- Aniline (ONA) And/or	
3	2 Chloro 4-Nitro- Aniline (OCPNA) And/or	
4	Para Chloro Ortho-Nitro- Aniline (PCONA) And/or	
5	Di Chloro Ortho Nitro Aniline (DCONA) and/or	
6	6- Chloro Ortho Nitro Aniline and/or	0.7 MW/Month
7	Captive Power Plant	

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

- 3.1 The quantity of total water consumption shall not exceed **724 KLD (Fresh: 601 + Recycle: 123)** as per break up mentioned in form D submitted for consent application under the Water (Prevention and Control of Pollution) Act-1974.

- a) Industrial: 679 KLD
- b) Domestic: 30 KLD
- c) Gardening: 15 KLD

- 3.2 Total quantity of effluent generated from manufacturing process and other ancillary operation shall not exceed **133 KLD**.

- 3.3 Generated **133 KLD** industrial wastewater shall be treated in R.O Plant and R.O. Permeate **93 KLD** shall be reused, while RO reject **40 KLD** shall be sent to captive MEE of sister concern unit M/s. Aarti Industries Ltd. (Organic Division) through dedicated GPS mounted tankers.

- 3.4 The quantity of Domestic waste water (Sewage) from the industry shall not exceed **30 KLD**.

- 3.5 Domestic effluent (Sewage) @ **30 KLD** shall be treated in Sewage Treatment Plant and out of which @ **15 KLD** shall be utilized for gardening purpose while @ **15 KLD** shall be recycled in manufacturing process after confirming below standards:

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Parameters	Norms
pH	6.5-9.0
BOD	30 mg/l
TSS	< 100 mg/l
Fecal Coli form (MPN/100ml)	< 1000

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

4.1 The following shall be used as fuel

Sr. No.	Fuel	Consumption
1	Coal/ Lignite/ Biomass/ Briquette	1.5 MT/Hr
2	Diesel	420 Lit/Hr.
3	Receiving steam from M/s. Ganesh Polychem Ltd.	8 TPH

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

Sr. No.	Stack attached to	Stack Height	APCM	Parameter & Permissible Limit
1	Boiler (13 TPH) (Stand by)	30 M	ESP + Lime Dosing System	PM - 150 mg/Nm ³ SO ₂ - 100 ppm NO _x - 50 ppm
2	D. G. Set (13 Nos.) (Stand by) (01 nos. of 1000 KVA & 2 nos. of 625 KVA each)	11 M	Acoustic Enclosure	

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

Sr. No.	Stack attached to	Stack Height	APCM	Parameter & Permissible Limit
1	Autoclave Reactor & ONA day Tank	11 M	Water Scrubber followed by diluted Sulphuric / Hydrochloric	NH ₃ - 140 mg/Nm ³
2	Ammonia Recovery	11 M	Acid Scrubber	
3	Spin Flash Drive	15 M	Bag filter - Water Scrubber	PM - 16 mg/Nm ³
4	HCl unloading Tank Scrubber	11 M	Alkali Scrubber	HCl - 16 mg/Nm ³

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

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

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

5. **GENERAL CONDITIONS:**

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

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



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

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

6.1 Number of authorization: AWH-133769, Date of issue: 18.04.2024.

6.2 Reference of application: 288758 dated: 06.11.2023.

6.3 M/s. Aarti Industries Ltd. (Amine Division), is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at Plot No: 285, 286/1, A-1 322/12, 23 & 24, Phase - III, GIDC Estate, Vapi - 396195, Tal: Pardi, Dist : Valsad.

Details of authorization:

Sr. No	Type of Waste	Qty. MTPA	Disposal Mode
1	ETP Waste (35.3)	1320	Collection, Storage, Transportation, and Disposal to authorized TSDF/ Co-Processor by use of GPS mounted vehicles and XGN manifest system.
2	Calcium Sludge (35.3)	1620	Collection, Storage, Transportation, and Disposal to authorized TSDF/ Co-Processor by use of GPS mounted vehicles and XGN manifest system.
3	Process Waste Containing Organic Complex (26.1)	3120	Collection, Storage, Transportation, and Disposal at authorized CHWIF / Co C Processing/Pre-Processing units by use of GPS mounted vehicles and XGN manifest system.
4	Discarded Containers/Bags (33.1)	What so ever generated	Collection, Storage, Decontamination, Transportation, and Disposal by selling to authorize recyclers/decontamination facility by use of GPS mounted vehicles and XGN manifest system.
5	Used Oil (5.1)	03	Collection, Storage, Transportation, disposal by selling to authorize recycler by use of GPS mounted vehicles and XGN manifest system.
6	Calcium Chloride Solution (5.2)	8876	Collection, Storage, and disposal by in-house treatment within premises.
7	Ammonia Solution (13.2)	7176	Collection, Storage, Transportation, Disposal by sending to authorized end users having Rule-9 permission, by use of GPS mounted vehicles and XGN manifest system.
8	Waste Containing oil (5.2)	2	Collection, Storage, Transportation, and Disposal by selling to authorize recycler Co-processing, Pre-Processing units by use of GPS mounted vehicles and XGN manifest system.
9	Used Filter Cloth (35.1)	1	Collection, Storage, Transportation, Disposal at authorized CHWIF /Pre-processor by use of GPS mounted vehicles and XGN manifest system.
10	Insulation waste	What so ever generated	Collection, Storage, Transportation, and Disposal at authorized TSDF by use of GPS mounted vehicles and XGN manifest system.
11	DM Resin (35.2)	3	Collection, Storage, Transportation, Disposal at authorized CHWIF / Pre-processor by use of GPS mounted vehicles and XGN manifest system.
12	Ceramic Saddle (13.2)	1	Collection, Storage, Transportation, Disposal at authorized CHWIF /Pre-processor / Co-processors by use of GPS mounted vehicles and XGN manifest system.
13	RO Membranes (33.1)	2	Collection, Storage, Transportation, Disposal at authorized CHWIF /Pre-processor / Co-processors by use of GPS mounted vehicles and XGN manifest system.
14	Non- Recyclable Plastic waste Discarded RO membrane & PPE's (33.1)	What so ever generated	Collection, Storage, Transportation, Disposal at authorized CHWIF /Pre-processor / Co-processors by use of GPS mounted vehicles and XGN manifest system.
15	Waste: Electrical Waste (131110)	5	Collection, Storage, Transportation, and Disposal by selling to authorized recyclers by use of GPS mounted vehicles and XGN manifest system.
16	Spent Sulfuric Acid (26.3 or 13-15) (Sch-II)	70	Reception, Collection, Storage and utilize in ETP for Neutralization.

GPCB ID: 22988, Inward ID: 288758

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Sr. No	Type of Waste	Qty. MTPA	Disposal Mode
17	Spent Hydrochloric Acid (B-17) (Schedule-II)	08	Reception, Collection, Storage and utilize in DM Plant for regeneration of spent cation exchange resin.

6.4 The authorization shall be valid for a period of **16.05.2026**.

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

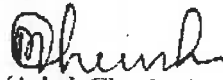
A. General Conditions under Hazardous and other Wastes (Management and Transboundary Movement) Rules-2016:

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

B. Specific Conditions:

1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
2. Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.
3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB from time to time.
5. Unit shall comply provisions of E-Waste Management Rules-2016.

For and on behalf of
Gujarat Pollution Control Board


(Ashok Chauhan) 30/4
Unit Head, Vapi

NO: GPCB/CCA-VSI-484(7)/ID: 22988/

Date:

GPCB ID: 22988, Inward ID: 288758

Outward No: 910043/30/04/2024



GUJARAT POLLUTION CONTROL BOARD

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

R.P.A.D.

NO: GPCB/CCA-VSD-483(8)/ID: 22988/

Date:

To,
M/s. Aarti Industries Ltd. (Amine Division)
Plot No. 285, 286/1, A-1 322/12, 23 & 24,
Phase – III, GIDC Estate, Vapi – 396195,
Tal: Pardi, Dist.: Valsad.

Sub: Amendment (H-147342) to Consolidated Consent & Authorization (CC & A) under various Environmental Acts/ Rules.

Ref: Your Application inward No. 336756 dated: 18.07.2025.

Sir,

The Gujarat Pollution Control Board had granted Consolidated Consents & Authorization Order No. AWH- 133769 dated 18.04.2024, which is valid up to 16.05.2026. This order was served vide letter No. GPCB/CCA-VSD-483(7)/ID: 22988/810043 dated: 30.04.2024 is further amended with respect of following conditions.

1. Product table mentioned in condition No. 2 of CCA AWH – 133769 is amended and shall be read as under:

Sr. No.	Product	Quantity (MT/Month)		
		Existing	Proposed	Total
1	4-Nitro- Aniline (PNA) And/or	1500	00	1500
2	2-Nitro- Aniline (ONA) And/or			
3	2 Chloro 4-Nitro- Aniline (OCPNA) And/or			
4	Para Chloro Ortho-Nitro- Aniline (PCONA) And/or			
5	Di Chloro Ortho Nitro Aniline (DCONA) and/or			
6	6- Chloro Ortho Nitro Aniline and/or	0.7 MW	00	0.7 MW
7	Captive Power Plant			
8	Calcium Chloride Solution (CaCl ₂)			
		00	1573	1573

The validity period of the order shall be up to 16.05.2026.

Specific Condition:

- I. Unit shall receive steam from M/s. Ganesh Polychem Ltd. (ID- 23464) @ 18 TPH after supplying DM @ 248 KLD and condensate shall be returned back to M/s. Ganesh Polychem (ID- 23464). Unit shall send @ 10 TPH low pressure Steam to M/s. Valiant Organics Ltd (ID- 33982).
- II. Unit shall strictly comply with the SoP no. 85 for "Utilization of Spent Hydrochloric Acid (generated during manufacturing of Dyes & Dyes Intermediates & Synthetic Organic Chemical Sector) for production of Calcium Chloride" published by CPCB, New Delhi.

2. Condition no 4.1 of CCA AWH – 133769 is amended and shall be read as under.

2.1 The following shall be used as fuel:

Sr. No.	Fuel	Total Consumption		
		Existing	Proposed	Total
1	Coal / Lignite/ Biomass Briquette	1.5 MT/Hr	00	1.5 MT/Hr
2	Diesel	420 Lit/Hr.	00	420 Lit/Hr.
3	Receiving steam from M/s. Ganesh Polychem Ltd.	8 TPH	10 TPH	18 TPH

3 Condition no. 6.3 of CCA AWH- 133769 is amended and shall be read as under:

Sr. No.	Type of Waste	Total Quantity(MTPA)			Disposal Mode
		Existing	Proposed	Total	
1.	ETP Waste (35.3)	1320	00	1320	Collection, Storage, Transportation, and Disposal by sending to TSDF sites/ Co-Processing having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
2.	Calcium Sludge (35.3)	1620	00	1620	
3.	Process Waste Containing Organic Complex (26.1)	3120	00	3120	Collection, Storage, Transportation, and Disposal by sending at CHWIF/ Co-Processing/ Pre-Processing having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
4.	Discarded Containers/ Bags (33.1)	300	00	300	Collection, Storage, Transportation, and Disposal by Decontamination, Transportation, and Disposal by selling to authorize recyclers/decontamination facility having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
5.	Used Oil (5.1)	3	00	3	Collection, Storage, Transportation, and Disposal by selling to authorize recycler having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
6.	Calcium Chloride Solution (5.2)	18876	-18876	00	Existing: Collection, Storage and Disposal by In House Treatment within Premises.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

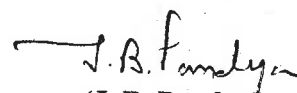
(T) 079-23232152

Sr. No.	Type of Waste	Total Quantity(MTPA)			Disposal Mode
		Existing	Proposed	Total	
					Proposed: Calcium chloride solution is proposed as a product, hence unit has eliminated 18876 MT/Year from Hazardous Waste Table
7.	Ammonia Solution (B 2)	4656	00	4656	Collection, Storage, Transportation, and Disposal by sending to authorized end users having Rule-9 permission having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
8.	Waste Containing oil (5.2)	2	00	2	Collection, Storage, Transportation, and Disposal by selling to authorize recycler Co-processing, Pre-Processing units having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
9.	Used Filter Cloth (35.1)	1	00	1	Collection, Storage, Transportation, and Disposal at authorized CHWIF /Pre-processor having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
10.	Insulation waste	What so ever generated	00	What so ever generated	Collection, Storage, Transportation, and Disposal by sending to TSDF sites having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
11.	DM Resin (35.2)	3	00	3	Collection, Storage, Transportation, and Disposal at authorized CHWIF / Pre-processor having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
12.	Ceramic Saddle (B 2)	1	00	1	Collection, Storage, Transportation, and Disposal at authorized CHWIF /Pre-processor / Co-processors having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
13.	RO Membranes (33.1)	2	00	2	
14.	Non-Recyclable Plastic Waste Discarded RO membrane	What so ever generated	00	What so ever generated	

Sr. No.	Type of Waste	Total Quantity(MTPA)			Disposal Mode
		Existing	Proposed	Total	
	&PPE's (33.1)				
15.	E-Waste/ Electrical Waste (B1110)	5	00	5	Collection, Storage, Transportation, and Disposal by selling to authorized recyclers having all required permissions of SPCB by use of GPS mounted vehicles and XGN manifest system.
16.	Spent Sulfuric Acid(Sch-II) (26.3 or B-15)	70	00	70	Reception, Collection, Storage and utilize in ETP for Neutralization.
17.	Spent Hydrochloric Acid(B-15) (Sch-II)	108	4800	4908	(Existing @108 MTPA) Reception, Collection, Storage and utilize in DM Plant for regeneration of spent cation exchange resin. + (Proposed @4800 MTPA) Reception, Transportation, Storage and Use in Production of CaCl ₂ Solution.

4. All other conditions of CCA order AWH- 133769 issued vide GPCB/CCA-VSD-483(7)/ID: 22988/810043 dated: 30.04.2024 shall remain unchanged.

For and on behalf of
Gujarat Pollution Control Board


(J. B. Pandya)
Unit Head, Vapi

Outward No: 871992, 19/08/2025

VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI ,Phone: 2421597

Water Supply Bill

CONSUMER COPY

Party Name : AARTI IND. LTD.

Property : 286-1 G.I.D.C., VAPI

Category : Industrial

Size (m.m.) : 80

Connection No: 20911

Bill No : 1377740

Bill Month : Apr-2025

Bill Date : 16-May-2025

Account Summary

Last Date Of Payment : 31-May-2025

Total Outstanding Amount

Total Interest

Current Month's Bill

Total Amt. Payable By 31-May-2025

Rs.-0.99

Rs.0.00

Rs.441870.00

Rs.441869.00

Last Bill Pay Amount : 671605.00

Last Bill Pay Date : 25-Apr-2025

Current Month's Bill

Meter Status :

Normal

Reader Name

HEMANSHU HALPATI

ReadingDateTime

30-Apr-2025 11:09 am

Current Reading in KL

16228

Previous Reading in KL

7648

Consumption in KL

8580

Rate / KL

Rs.51.50

Normal Water Usages Charge

Rs.441870.00

Access Water Usages Charge

Rs.0.00

Fix Charges

Rs.335300.00

Penalty

Rs.0.00

Adjustment

Rs.0.00

Remarks:

Your Account Details

Outstanding

Rs.-0.99

Interest

Rs. 0.00

Penal Interest

Rs.0.00

Current Month's Bill

Rs.441870.00

Gross Amount

Rs.441869.00

Current Month's Bill

Rs.441870.00

Net Amount

RS.441869.00

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(Signature)
Deputy Engineer (W/S)
N.A GIDC , Vapi

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(CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:00 PM)

Address:

Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI ,Phone: 2421597

Water Supply Bill

CONSUMER COPY

Party Name : AARTI IND. LTD.

Property : 286-1 G.I.D.C., VAPI

Category : Industrial	Size (m.m.) : 80	Connection No: 20911
Bill No : 1380848	Bill Month : May-2025	Bill Date : 15-Jun-2025

Account Summary

Last Date Of Payment : 30-Jun-2025

Total Outstanding Amount	Total Interest	Current Month's Bill	Total Amt. Payable By 30-Jun-2025
Rs.-0.99	Rs.0.00	Rs.567582.00	Rs.567581.00

Last Bill Pay Amount : 441870.00

Last Bill Pay Date : 28-May-2025

Current Month's Bill

Meter Status :	Normal
Reader Name	HEMANSHU HALPATI
ReadingDateTime	30-May-2025 10:53 am
Current Reading in KL	27249
Previous Reading in KL	16228
Consumption in KL	11021
Rate / KL	Rs.51.50
Normal Water Usages Charge	Rs.567582.00
Access Water Usages Charge	Rs.0.00
Fix Charges	Rs.335300.00
Penalty	Rs.0.00
Adjustment	Rs.0.00
Remarks:	

Your Account Details

Outstanding	Rs.-0.99
Interest	Rs. 0.00
Penal Interest	Rs.0.00
Current Month's Bill	Rs.567582.00
Gross Amount	Rs.567581.00

Current Month's Bill	Rs.567582.00	Net Amount	RS.567581.00
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Deputy Engineer (W/S)
N.A GIDC , Vapi

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Address:

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VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI ,Phone: 2421597

Water Supply Bill

CONSUMER COPY

Party Name : AARTI IND. LTD.

Property : 286-1 G.I.D.C., VAPI

Category : Industrial

Size (m.m.) : 80

Connection No: 20911

Bill No : 1386746

Bill Month : Jun-2025

Bill Date : 16-Jul-2025

Account Summary

Last Date Of Payment : 31-Jul-2025

Total Outstanding Amount	Total Interest	Current Month's Bill	Total Amt. Payable By 31-Jul-2025
Rs.-0.49	Rs.0.00	Rs.606567.00	Rs.606567.00

Last Bill Pay Amount : 567581.00

Last Bill Pay Date : 26-Jun-2025

Current Month's Bill

Meter Status : Normal

Reader Name HEMANSHU HALPATI

ReadingDateTime 30-Jun-2025 10:52 am

Current Reading in KL 39027

Previous Reading in KL 27249

Consumption in KL 11778

Rate / KL Rs.51.50

Normal Water Usages Charge Rs.606567.00

Access Water Usages Charge Rs.0.00

Fix Charges Rs.335300.00

Penalty Rs.0.00

Adjustment Rs.0.00

Remarks:

Your Account Details

Outstanding Rs.-0.49

Interest Rs. 0.00

Penal Interest Rs.0.00

Current Month's Bill Rs.606567.00

Gross Amount Rs.606567.00

Current Month's Bill	Rs.606567.00	Net Amount	RS.606567.00
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Deputy Engineer (W/S)
N.A GIDC , Vapi

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Address:

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VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI ,Phone: 2421597

Water Supply Bill

CONSUMER COPY

Party Name : AARTI IND. LTD.

Property : 286-1 G.I.D.C., VAPI

Category : Industrial	Size (m.m.) : 80	Connection No: 20911
Bill No : 1390250	Bill Month : Jul-2025	Bill Date : 15-Aug-2025

Account Summary

Last Date Of Payment : 30-Aug-2025

Total Outstanding Amount	Total Interest	Current Month's Bill	Total Amt. Payable By 30-Aug-2025
Rs.-0.49	Rs.0.00	Rs.603889.00	Rs.603889.00

Last Bill Pay Amount : 606567.00

Last Bill Pay Date : 24-Jul-2025

Current Month's Bill

Meter Status :	Normal
Reader Name	HEMANSHU HALPATI
ReadingDateTime	30-Jul-2025 11:10 am
Current Reading in KL	50753
Previous Reading in KL	39027
Consumption in KL	11726
Rate / KL	Rs.51.50
Normal Water Usages Charge	Rs.603889.00
Access Water Usages Charge	Rs.0.00
Fix Charges	Rs.335300.00
Penalty	Rs.0.00
Adjustment	Rs.0.00
Remarks:	

Your Account Details

Outstanding	Rs.-0.49
Interest	Rs. 0.00
Penal Interest	Rs.0.00
Current Month's Bill	Rs.603889.00
Gross Amount	Rs.603889.00

Current Month's Bill	Rs.603889.00	Net Amount	RS.603889.00
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Deputy Engineer (W/S)
N.A GIDC , Vapi

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Address:

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VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI, Phone: 2421597

Water Supply Bill

CONSUMER COPY

Party Name : AARTI IND. LTD.

Property : 286-1 G.I.D.C., VAPI

Category : Industrial

Size (m.m.) : 80

Connection No: 20911

Bill No : 1393767

Bill Month : Aug-2025

Bill Date : 15-Sep-2025

Last Date Of Payment : 30-Sep-2025

Account Summary

Total Outstanding Amount	Total Interest	Current Month's Bill	Total Amt. Payable By 30-Sep-2025
Rs.-0.49	Rs.0.00	Rs.593074.00	Rs.593074.00

Last Bill Pay Amount : 603889.00

Last Bill Pay Date : 21-Aug-2025

Current Month's Bill

Meter Status :

Normal

Reader Name

HEMANSHU HALPATI

ReadingDate Time

30-Aug-2025 10:54 am

Current Reading in KL

62269

Previous Reading in KL

50753

Consumption in KL

11516

Rate / KL

Rs.51.50

Normal Water Usages Charge

Rs.593074.00

Access Water Usages Charge

Rs.0.00

Fix Charges

Rs.335300.00

Penalty

Rs.0.00

Adjustment

Rs.0.00

Remarks:

Your Account Details

Outstanding

Rs.-0.49

Interest

Rs. 0.00

Penal Interest

Rs.0.00

Current Month's Bill

Rs.593074.00

Gross Amount

Rs.593074.00

Current Month's Bill

Rs.593074.00

Net Amount

RS.593074.00

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Deputy Engineer (W/S)
N.A GIDC , Vapi

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(CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:00 PM)

Address:

Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

VAPI NOTIFIED AREA AUTHORITY (WATER SUPPLY DIVISION)

Second Floor, G.I.D.C. Administrative Office, Plot No C/5/101, Nr. Char Rasta. G.I.D.C. VAPI ,Phone: 2421597

Water Supply Bill**CONSUMER COPY****Party Name : AARTI IND. LTD.****Property : 286-1 G.I.D.C., VAPI****Category : Industrial****Size (m.m.) : 80****Connection No: 20911****Bill No : 1399695****Bill Month : Sep-2025****Bill Date : 15-Oct-2025****Account Summary****Last Date Of Payment : 30-Oct-2025****Total Outstanding Amount****Total Interest****Current Month's Bill****Total Amt. Payable By 30-Oct-2025**

Rs.-0.49

Rs.0.00

Rs.581435.00

Rs.581435.00**Last Bill Pay Amount : 593074.00****Last Bill Pay Date : 23-Sep-2025****Current Month's Bill****Meter Status :****Normal**

Reader Name

HEMANSHU HALPATI

ReadingDateTime

30-Sep-2025 11:10 am

Current Reading in KL

73559

Previous Reading in KL

62269

Consumption in KL

11290

Rate / KL

Rs.51.50

Normal Water Usages Charge

Rs.581435.00

Access Water Usages Charge

Rs.0.00

Fix Charges

Rs.335300.00

Penalty

Rs.0.00

Adjustment

Rs.0.00

Remarks:

Your Account Details

Outstanding

Rs.-0.49

Interest

Rs. 0.00

Penal Interest

Rs.0.00

Current Month's Bill

Rs.581435.00

Gross Amount

Rs.581435.00

Current Month's Bill**Rs.581435.00****Net Amount****RS.581435.00****Scan the QR to Download Our Mobile App****Deputy Engineer (W/S)**
N.A GIDC , Vapi***Important Note:**

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Office Timings: 10:30 AM to 2:00 PM and 2:30 PM to 5:30 PM (Govt. Working Days)**(CASH PAYMENT ONLY UP TO RS.1000 WILL BE ACCEPTED UP TO 3:00 PM)****Address:**

Ground Floor, GIDC Administrative Building, Plot No. C5/101, Near Telephone Exchange, Char Rasta, GIDC Vapi.

સામ: AARTI IND. LTD.
 ખોટ/રેડ નંબર 286-1
 કા.આઈ.ડી.સી.વાપી
 તા. 26/04/2019

પંચનામું

સંદર્ભ: DM/S. AARTI IND. LTD 12th Dec Dated 25/04/2019.
 27 GPCB/CCA-VSP-483C4/ID-22988/499838 dated 25/04

આથી અમો નીચે સહી કરનાર પંચો કા.આઈ.ડી.સી.વાપી ખાતે આવેલ ખોટ/રેડ નંબર 286-1
 પર રૂબરૂ ધાબર વઈ અને જણાવીએ છીએ કે
 રૂ AARTI IND. LTD.
 ખોટ/રેડ નંબર 286-1 નિયમ દ્વારા આપવામાં આવેલ ડ્રેનેજ લાઈનનું કયાત ડ્રેનેજ જોડાણને ઉપરોક્ત
 સંદર્ભ (૧) અન્વયે આજે તા 26/04/2019 ના રોજ આપણે ધાબરીમાં બધે કરવામાં આવેલ છે. આમ કયાત ડ્રેનેજ જોડાણ
 ઠ/બધ વધેલ છે.
 ઉપરોક્ત બધ/રૂ વધેલ ડ્રેનેજ જોડાણ સિવાય કો અન્ય કોઈ ડ્રેનેજ જોડાણ જણાયે તો તેની સંપૂર્ણ જવાબદારી
 રૂ AARTI IND. LTD. ખોટ/રેડ નં 286-1 ના માલિકની રહેશે અને એની જે
 પેનલ્ટી / કમિવાદી કરવામાં આવશે તે બંધનકર્તા રહેશે.

ઉપર મુજબની હકીકત અમો પંચો બિન કેફી હાથતામાં તથા કોઈપણ જાતની ધામધમકી વગર મુખ્ય ભુલિયા લખી
 જણાવીએ છીએ.

Connection No. 20912

પંચો :-
 નામ

૧) ગુજરાત પ્રોફેશનલ કંડોલમીયોર્સ

૨) લાલો ડીન વોલવોરોન ભોજાઈ

૩) કુશાલ કોલોરિયલ કોરપોરેશન

૪) કે. AARTI IND. LTD.
ખોટ/રેડ નંબર 286-1

૫) લાલો કોલોરિયલ કોરપોરેશન

સહી

Pradeep L. Khatia
Pradeep L. Khatia

AARTI INDUSTRIES LTD.
A.E. (Pry.)

Authorized Signatory

7069910081.

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003786F	Issue Date : 16-04-2025
ULR No : TC588525000003786F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Boiler -13 TPH		
Sampling By : ENPRO Team-Mr Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 08-04-2025	Packing / Seal : Sealed	
Sample Received Date : 09-04-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 09-04-2025	Date of Completion : 11-04-2025	
Sampling Method : WI/ST/A	Sample ID : 0425/ST03786	
Duration Sampling : 60 min.	Fuel : Coal	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
30	1.00	135	5.20	10493

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxygen (as O ₂)	%	7.60	-	SOP No.WI/ST/10
2	Carbon Dioxide (as CO ₂)	%	0.36	-	SOP No.WI/ST/10
3	CO	%	0.026	-	SOP No.WI/ST/10
4	Particulate Matter (PM)	mg/Nm³	83.4	150	IS 11255 (Part-1):1985
5	Sulphur Dioxide (SO ₂)	ppm	42.2	100	IS 11255 (Part-2):1985
6	Oxides of Nitrogen (as NO ₂)	ppm	36.0	50	IS 11255 (Part-7):2005

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

C. A. Desai

CHECKED BY

Sweety Patel (Dy.TM)

REVIEWED AND AUTHORISED BY

Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001926/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Boiler -13 TPH		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 08-04-2025	Packing / Seal : Sealed	
Sample Received Date : 09-04-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 09-04-2025	Date of Completion : 11-04-2025	
Sampling Method : WI/ST/A	Sample ID : 0425/ST03786	
Duration Sampling : 60 min.	Fuel : Coal	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
30	1.00	135	5.20	10493

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Chintan Desai (TM)

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Page 1 of 1



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003787F	Issue Date : 16-04-2025
ULR No : TC588525000003787F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist - Valsad

Description of Sample : Stack attached to DG 750 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 08-04-2025

Sample Received Date : 09-04-2025

Date of Starting of Test : 09-04-2025

Sampling Method : WI/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 11-04-2025

Sample ID : 0425/ST03787

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	127	8.20	1521

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	93.2	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	31.8	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO ₂)	ppm	47.7	50	IS 11255 (Part-7):2005

Note : BDL : Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001927/25-	Issue Date : 16-04-2025
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to DG 750 KVA	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 08-04-2025	Packing / Seal : Sealed
Sample Received Date	: 09-04-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 09-04-2025	Date of Completion : 11-04-2025
Sampling Method	: WI/ST/A	Sample ID : 0425/ST03787
Duration Sampling	: 60 min.	Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr.
11	0.30	127	8.20	1521

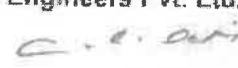
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm ³	BDL(<1)	-	SOP No. -WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003788F	Issue Date : 16-04-2025
ULR No : TC588525000003788F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist - Valsad		
Description of Sample	: Stack attached to DG 625 KVA	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling	: 08-04-2025	Packing / Seal : Sealed
Sample Received Date	: 09-04-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 09-04-2025	Date of Completion : 11-04-2025
Sampling Method	: WI/ST/A	Sample ID : 0425/ST03788
Duration Sampling	: 60 min.	Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	120	6.70	1269

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	3.40	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	77.1	150	IS 11255 (Part-1) 1985
3	Sulphur Dioxide (SO ₂)	ppm	33.7	100	IS 11255 (Part-2) 1985
4	Oxides of Nitrogen (as NO ₂)	ppm	48.9	50	IS 11255 (Part-7):2005

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001928/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 625 KVA		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 08-04-2025	Packing / Seal : Sealed	
Sample Received Date : 09-04-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 09-04-2025	Date of Completion : 11-04-2025	
Sampling Method : WI/ST/A	Sample ID : 0425/ST03788	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	120	6.70	1269

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	--	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No - WI/ST/44-03

Note : BDL - Below Detectable Limit

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*** End of Report ***

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005539F	Issue Date : 30-05-2025
ULR No : TC588525000005539F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler -13 TPH

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 22-05-2025

Packing / Seal : Sealed

Sample Received Date : 23-05-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 23-05-2025

Date of Completion : 24-05-2025

Sampling Method : WI/ST/A

Sample ID : 0525/ST05539

Duration Sampling : 60 min.

Fuel : Coal

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
30	1.00	124	4.70	9745

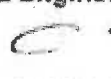
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxygen (as O ₂)	%	8.20	-	SOP No.WI/ST/10
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
3	CO	%	0.031	-	SOP No.WI/ST/10
4	Particulate Matter (PM)	mg/Nm ³	80.1	150	IS 11265 (Part-1):1985
5	Sulphur Dioxide (SO ₂)	ppm	36.4	100	IS 11265 (Part-2):1985
6	Oxides of Nitrogen (as NO ₂)	ppm	28.7	50	IS 11265 (Part-7):2005

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002214/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amlne Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Boiler -13 TPH		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : W/ST/A	Sample ID : 0525/ST05539	
Duration Sampling : 60 min.	Fuel : Coal	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
30	1.00	124	4.70	9745

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-W/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005540F	Issue Date : 30-05-2025
ULR No : TC588525000005540F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 750 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05540	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.30	121	7.30	1368

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL (<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	83.7	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	37.8	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO ₂)	ppm	47.1	50	IS 11255 (Part-7):2005

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Sweety Patel (Dy.TM)


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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000514/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 750 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05540	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.30	121	7.30	1368

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005541F	Issue Date : 30-05-2025
ULR No : TC588525000005541F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amlne Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 625 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05541	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	117	7.30	1384

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	2.80	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	90.5	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	38.1	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO _x)	ppm	46.2	50	IS 11255 (Part-7):2005

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Sweety Patel (Dy.TM)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003205/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 625 KVA

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 22-05-2025

Packing / Seal : Sealed

Sample Received Date : 23-05-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 23-05-2025

Date of Completion : 24-05-2025

Sampling Method : WI/ST/A

Sample ID : 0525/ST05541

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	117	7.30	1384

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1



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Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000006556F	Issue Date : 19-06-2025
ULR No : TC588525000006556F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : 0625/ST06556

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	69	1.80	177

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	138.7	140	IS 11255 (Part-6):1999 Clause 5

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

[Signature]

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[Signature]

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003716/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : 0625/ST06556

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	69	1.80	177

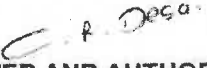
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000006553F	Issue Date : 19-06-2025
ULR No : TC588525000006553F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Boiler -13 TPH

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : 0625/ST06553

Duration Sampling : 60 min.

Fuel : Coal

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
30	1.00	118	3.90	8231

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxygen (as O ₂)	%	7.80	-	SOP No.WI/ST/10
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
3	CO	%	0.026	-	SOP No.WI/ST/10
4	Particulate Matter (PM)	mg/Nm ³	76.3	150	IS 11255 (Part-1):1985
5	Sulphur Dioxide (SO ₂)	ppm	37.1	100	IS 11255 (Part-2):1985
6	Oxides of Nitrogen (as NO ₂)	ppm	30.0	50	IS 11255 (Part-7):2005

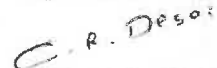
Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003713/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist - Valsad.		
Description of Sample : Stack attached to Boiler -13 TPH		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06553	
Duration Sampling : 60 min.	Fuel : Coal	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
30	1.00	118	3.90	8231

RESULT TABLE.

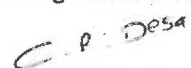
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)		SOP No.-WI/ST/44-03

Note : BDL - Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000006554F	Issue Date : 19-06-2025
ULR No : TC588525000006554F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 750 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 12-06-2025

Sample Received Date : 13-06-2025

Date of Starting of Test : 13-06-2025

Sampling Method : WI/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 14-06-2025

Sample ID : 0625/ST06554

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	116	6.90	1313

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	77.2	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	39.1	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO ₂)	ppm	44.4	50	IS 11255 (Part-7):2005

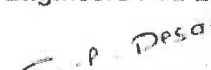
Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000574/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 750 KVA		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06554	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	116	6.90	1313

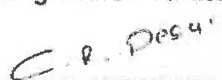
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL - Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000719/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to DG 625 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-07-2025

Packing / Seal : Sealed

Sample Received Date : 11-07-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-07-2025

Date of Completion : 14-07-2025

Sampling Method : WI/ST/A

Sample ID : 0725/ST07912

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	128	8.20	1509

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007913F	Issue Date : 15-07-2025
ULR No : TC588525000007913F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Autoclave Reactor & ONA day tank		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07913	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	73	1.60	155

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	133.4	140	IS 11255 (Part-6):1999 Clause 5

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004729/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 10-07-2025	Packing / Seal	: Sealed
Sample Received Date	: 11-07-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 11-07-2025	Date of Completion	: 14-07-2025
Sampling Method	: WI/ST/A	Sample ID	: 0725/ST07913
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	73	1.60	155

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007914F	Issue Date : 15-07-2025
ULR No : TC588525000007914F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07914	
Duration Sampling : 60 min.	Fuel : -	

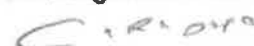
STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	49	0.70	73

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	130.8	140	IS 11255 (Part-6):1999 Clause 5

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004730/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07914	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	49	0.70	73

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007915F	Issue Date : 15-07-2025 .
ULR No : TC588525000007915F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07915	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	47	2.86	1835

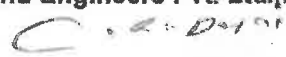
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	35.6	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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*** End of Report ***

Page 1 of 1



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Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000009062F	Issue Date : 19-08-2025
ULR No : TC588525000009062F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 625 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-08-2025	Packing / Seal : Sealed	
Sample Received Date : 12-08-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-08-2025	Date of Completion : 14-08-2025	
Sampling Method : WI/ST/A	Sample ID : 0825/ST09062	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	134	8.70	1571

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	4.30	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	72.1	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	27.0	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO ₂)	ppm	36.7	50	IS 11255 (Part-7):2005

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005597/25-	Issue Date : 19-08-2025
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 625 KVA

Sampling By : ENPRO Team-Mr.Nikunj Vaghiasiya

Date of Sampling : 11-08-2025

Sample Received Date : 12-08-2025

Date of Starting of Test : 12-08-2025

Sampling Method : WI/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 14-08-2025

Sample ID : 0825/ST09062

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	134	8.70	1571

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000009063F	Issue Date : 19-08-2025
ULR No : TC588525000009063F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 11-08-2025

Packing / Seal : Sealed

Sample Received Date : 12-08-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 12-08-2025

Date of Completion : 14-08-2025

Sampling Method : WI/ST/A

Sample ID : 0825/ST09063

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	72	1.50	146

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	127.6	140	IS 11255 (Part-6):1999 Clause 5

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003174/25-	Issue Date : 19-08-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Autoclave Reactor & ONA day tank		
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 11-08-2025	Packing / Seal	: Sealed
Sample Received Date	: 12-08-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 12-08-2025	Date of Completion	: 14-08-2025
Sampling Method	: WI/ST/A	Sample ID	: 0825/ST09063
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	72	1.50	146

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC58852500009064F	Issue Date : 19-08-2025
ULR No : TC58852500009064F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample	: Stack attached to Ammonia Recovery Scrubber				
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.		
Date of Sampling	: 11-08-2025	Packing / Seal	: Sealed		
Sample Received Date	: 12-08-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 12-08-2025	Date of Completion	: 14-08-2025		
Sampling Method	: WI/ST/A	Sample ID	: 0825/ST09064		
Duration Sampling	: 60 min.	Fuel	: -		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	52	1.00	103

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	132.3	140	IS 11255 (Part-6):1999 Clause 5

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Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005598/25-	Issue Date : 19-08-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample	: Stack attached to Ammonia Recovery Scrubber	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 11-08-2025	Packing / Seal : Sealed
Sample Received Date	: 12-08-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 12-08-2025	Date of Completion : 14-08-2025
Sampling Method	: WI/ST/A	Sample ID : 0825/ST09064
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	52	1.00	103

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010506F	Issue Date : 19-09-2025
ULR No : TC588525000010506F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**
Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to DG 625 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 13-09-2025

Sample Received Date : 15-09-2025

Date of Starting of Test : 15-09-2025

Sampling Method : WI/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 17-09-2025

Sample ID : 0925/ST10506

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.30	123	6.80	1262

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	3.90	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	85.4	150	IS 11255 (Part-1):1985
3	Sulphur Dioxide (SO ₂)	ppm	34.3	100	IS 11255 (Part-2):1985
4	Oxides of Nitrogen (as NO ₂)	ppm	41.6	50	IS 11255 (Part-7):2005

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003637/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**
Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to DG 625 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10506

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.30	123	6.80	1262

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrocarbons	ppm	BDL(<10)	-	USEPA Method - 18
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010507F	Issue Date : 19-09-2025
ULR No : TC588525000010507F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**
Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2025	Packing / Seal : Sealed
Sample Received Date : 15-09-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-09-2025	Date of Completion : 17-09-2025
Sampling Method : WI/ST/A	Sample ID : 0925/ST10507
Duration Sampling : 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	66	1.20	119

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	134.3	140	IS 11255 (Part-6):1999 Clause 5

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003638/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10507

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	66	1.20	119

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010508F	Issue Date : 19-09-2025
ULR No : TC588525000010508F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10508

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	47	1.00	105

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	127.3	140	IS 11255 (Part-6):1999 Clause 5

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000965/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10508

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	47	1.00	105

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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HAZARDOUS WASTE DATA

Month	Quantity Dispatch to Common TSDF			Quantity Dispatch to Common Incineration		Quantity Send to Recycling			Quantity Send to Authorized end user		Quantity utilized				Quantity Send to Disposal
	ETP Waste/ Calcium Sludge (35.3)	Plastic waste (S4)	Insulation Waste (S1)	Process Waste Containing Organic Complex (26.1)	Liner (33.13)	Plastic Waste	Flyash	Used Oil (5.1) (0.6 /Y)	Calcium Chloride Solution	Ammonia Solution (B2)	Spent H2SO4 (70 /Y)	Total Spent HCl	HCL from Aarti Industries (Organic Division) PCB ID : 22991	HCL from Aarti Industries (Nascent Division) PCB ID : 23971	
Apr-25	218.98	7.48	0	59.32	0	0	0	0	1149.32	181.55	0	312.1	200.08	112.02	1097.76
May-25	128.07	2.12	0	76.02	0	0	0	0	1321.23	351.49	10.11	293.23	113.19	180.04	920.95
Jun-25	197.49	0	0	55.23	0	0	0	0	1344.43	343.68	0	323.31	149.33	173.98	1141.1
Jul-25	159.4	0	0	116.03	0	0	0	1.88	1379.27	365.37	0	350.43	350.43	0	946.83
Aug-25	151.02	0	0	68.96	0	0	0	0	1298.41	471.2	0	302.63	106.37	196.26	744
Sep-25	124.08	0	0	64.84	6.46	0	65.2	0	0	469.77	0	299.07	20.07	279	723.78
Total	979.04	9.6	0	440.4	6.46	0	65.2	1.88	6492.66	2183.06	10.11	1880.77	939.47	941.3	5574.42



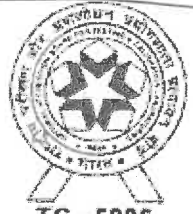
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Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003789F	Issue Date : 16-04-2025
ULR No : TC588525000003789F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 08-04-2025

Packing / Seal : Sealed

Sample Received Date : 09-04-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 09-04-2025

Date of Completion : 11-04-2025

Sampling Method : WI/ST/A

Sample ID : 0425/ST03789

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	63	1.30	130

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	135.7	140	IS 11255 (Part-6):1999 Clause 5

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C. R. Desai

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Sweety Patel (Dy.TM)

REVIEWED AND AUTHORISED BY

Chintan Desai (TM)

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Environmental Testing Laboratory

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001695/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 08-04-2025

Packing / Seal : Sealed

Sample Received Date : 09-04-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 09-04-2025

Date of Completion : 11-04-2025

Sampling Method : WI/ST/A

Sample ID : 0425/ST03789

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	63	1.30	130

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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C. Desai

S. Patel

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Sweety Patel (Dy.TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003790F	Issue Date : 16-04-2025
ULR No : TC588525000003790F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Ammonia Recovery Scrubber	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 08-04-2025	Packing / Seal : Sealed
Sample Received Date	: 09-04-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 09-04-2025	Date of Completion : 11-04-2025
Sampling Method	: WI/ST/A	Sample ID : 0425/ST03790
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	54	0.60	61

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	131.6	140	IS 11255 (Part-B):1996 Clause 5

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

(Signature)

(Signature)
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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001929/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 08-04-2025

Packing / Seal : Sealed

Sample Received Date : 09-04-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 09-04-2025

Date of Completion : 11-04-2025

Sampling Method : WI/ST/A

Sample ID : 0425/ST03790

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	54	0.60	61

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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C. R. Desai

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

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

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000003791F	Issue Date : 16-04-2025
ULR No : TC588525000003791F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample	: Stack attached to SFD Dryer	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 08-04-2025	Packing / Seal : Sealed
Sample Received Date	: 09-04-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 09-04-2025	Date of Completion : 11-04-2025
Sampling Method	: WI/ST/A	Sample ID : 0425/ST03791
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
15	0.50	57	3.50	2201

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	36.2	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001930/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr. Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 08-04-2025

Packing / Seal : Sealed

Sample Received Date : 09-04-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 09-04-2025

Date of Completion : 11-04-2025

Sampling Method : W/ST/A

Sample ID : 0425/ST03791

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	57	3.50	2201

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	1.90	-	SOP No.-W/ST/44-03
2	Methane (as CH₄)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001931/25-	Issue Date : 16-04-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to HCl Unloading Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 08-04-2025

Packing / Seal : Sealed

Sample Received Date : 09-04-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 09-04-2025

Date of Completion : 11-04-2025

Sampling Method : WI/ST/A

Sample ID : ETL/001931/25-

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.10	43.00	2.10	59.00

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	7.00	16	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005542F	Issue Date : 30-05-2025
ULR No : TC588525000005542F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Autoclave Reactor & ONA day tank		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05542	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	61	1.40	141

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	131.1	140	IS 11255 (Part-6):1999 Clause 5

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003206/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 22-05-2025	Packing / Seal	: Sealed
Sample Received Date	: 23-05-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 23-05-2025	Date of Completion	: 24-05-2025
Sampling Method	: WI/ST/A	Sample ID	: 0525/ST05542
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	61	1.40	141

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005543F	Issue Date : 30-05-2025
ULR No : TC588525000005543F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05543	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	51	0.60	62

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	128.2	175	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003207/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 22-05-2025	Packing / Seal : Sealed	
Sample Received Date : 23-05-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 23-05-2025	Date of Completion : 24-05-2025	
Sampling Method : WI/ST/A	Sample ID : 0525/ST05543	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	51	0.60	62

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000005544F	Issue Date : 30-05-2025
ULR No : TC588525000005544F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 22-05-2025

Packing / Seal : Sealed

Sample Received Date : 23-05-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 23-05-2025

Date of Completion : 24-05-2025

Sampling Method : WI/ST/A

Sample ID : 0525/ST05544

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
15	0.50	49	2.94	1882

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	33.1	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003208/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amlne Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Nikunj Vaghshiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 22-05-2025

Packing / Seal : Sealed

Sample Received Date : 23-05-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 23-05-2025

Date of Completion : 24-05-2025

Sampling Method : WI/ST/A

Sample ID : 0525/ST05544

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	49	2.94	1882

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03
2	Methane (as CH₄)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003209/25-	Issue Date : 30-05-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to HCl Unloading Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 22-05-2025

Packing / Seal : Sealed

Sample Received Date : 23-05-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 23-05-2025

Date of Completion : 24-05-2025

Sampling Method : WI/ST/A

Sample ID : ETL/003209/25-

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.10	40.00	1.70	48.04

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	6.40	16	USEPA (Part-0050)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC58852500006556F	Issue Date : 19-06-2025
ULR No : TC58852500006556F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : 0625/ST06556

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	69	1.80	177

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	138.7	140	IS 11255 (Part-6):1999 Clause 5

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003716/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : 0625/ST06556

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	69	1.80	177

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000006557F	Issue Date : 19-06-2025
ULR No : TC588525000006557F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06557	
Duration Sampling : 60 min.	Fuel : -	

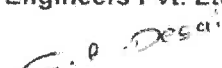
STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	56	0.80	82

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	133.4	140	IS 11255 (Part-6):1999 Clause 5

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003717/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06557	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	56	0.80	82

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000006558F	Issue Date : 19-06-2025
ULR No : TC588525000006558F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06558	
Duration Sampling : 60 min.	Fuel : -	

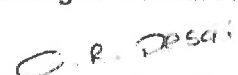
STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	54	3.21	2026

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	30.4	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003718/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist – Valsad.		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 12-06-2025	Packing / Seal : Sealed	
Sample Received Date : 13-06-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-06-2025	Date of Completion : 14-06-2025	
Sampling Method : WI/ST/A	Sample ID : 0625/ST06558	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	54	3.21	2026

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	1.70	-	SOP No.-WI/ST/44-03
2	Methane (as CH₄)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003719/25-	Issue Date : 19-06-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to HCl Unloading Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No

Date of Sampling : 12-06-2025

Packing / Seal : Sealed

Sample Received Date : 13-06-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-06-2025

Date of Completion : 14-06-2025

Sampling Method : WI/ST/A

Sample ID : ETL/003719/25-

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

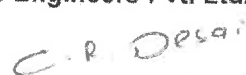
Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.10	38.00	1.40	39.56

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	6.80	20	USEPA (Part-0050)

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007913F	Issue Date : 15-07-2025
ULR No : TC588525000007913F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amlne Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Autoclave Reactor & ONA day tank		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07913	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	73	1.60	155

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	133.4	140	IS 11255 (Part-6):1999 Clause 5

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004729/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 10-07-2025	Packing / Seal	: Sealed
Sample Received Date	: 11-07-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 11-07-2025	Date of Completion	: 14-07-2025
Sampling Method	: WI/ST/A	Sample ID	: 0725/ST07913
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	73	1.60	155

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007914F	Issue Date : 15-07-2025
ULR No : TC588525000007914F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO*Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07914	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	49	0.70	73

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	130.8	140	IS 11255 (Part-6):1999 Clause 5

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004730/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Ammonia Recovery Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-07-2025	Packing / Seal : Sealed	
Sample Received Date : 11-07-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-07-2025	Date of Completion : 14-07-2025	
Sampling Method : WI/ST/A	Sample ID : 0725/ST07914	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	49	0.70	73

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000007915F	Issue Date : 15-07-2025 .
ULR No : TC588525000007915F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-07-2025

Packing / Seal : Sealed

Sample Received Date : 11-07-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-07-2025

Date of Completion : 14-07-2025

Sampling Method : WI/ST/A

Sample ID : 0725/ST07915

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	47	2.86	1835

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm³	35.6	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/004732/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - II, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-07-2025

Packing / Seal : Sealed

Sample Received Date : 11-07-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-07-2025

Date of Completion : 14-07-2025

Sampling Method : WI/ST/A

Sample ID : 0725/ST07915

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
15	0.50	47	2.86	1835

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	1.80	-	SOP No.-WI/ST/44-03
2	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004733/25-	Issue Date : 15-07-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to HCl Unloading Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-07-2025

Packing / Seal : Sealed

Sample Received Date : 11-07-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-07-2025

Date of Completion : 12-07-2025

Sampling Method : WI/ST/A

Sample ID : ETL/004733/25-

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.10	33.00	1.20	33.91

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	5.70	20	USEPA (Part-0050)

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

CHECKED BY
Sweety Patel (Dy.TM)

REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000009063F	Issue Date : 19-08-2025
ULR No : TC588525000009063F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Autoclave Reactor & ONA day tank		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-08-2025	Packing / Seal : Sealed	
Sample Received Date : 12-08-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-08-2025	Date of Completion : 14-08-2025	
Sampling Method : WI/ST/A	Sample ID : 0825/ST09063	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	72	1.50	146

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	127.6	140	IS 11255 (Part-6):1999 Clause 5

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003174/25-	Issue Date : 19-08-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to Autoclave Reactor & ONA day tank		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-08-2025	Packing / Seal : Sealed	
Sample Received Date : 12-08-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-08-2025	Date of Completion : 14-08-2025	
Sampling Method : WI/ST/A	Sample ID : 0825/ST09063	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	72	1.50	146

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000009064F	Issue Date : 19-08-2025
ULR No : TC588525000009064F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 11-08-2025	Packing / Seal	: Sealed
Sample Received Date	: 12-08-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 12-08-2025	Date of Completion	: 14-08-2025
Sampling Method	: WI/ST/A	Sample ID	: 0825/ST09064
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	52	1.00	103

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm³	132.3	140	IS 11255 (Part-6):1999 Clause 5

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005598/25-	Issue Date : 19-08-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample	: Stack attached to Ammonia Recovery Scrubber	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 11-08-2025	Packing / Seal : Sealed
Sample Received Date	: 12-08-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 12-08-2025	Date of Completion : 14-08-2025
Sampling Method	: WI/ST/A	Sample ID : 0825/ST09064
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	52	1.00	103

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000009065F	Issue Date : 19-08-2025
ULR No : TC588525000009065F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample	: Stack attached to SFD Dryer				
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.		
Date of Sampling	: 11-08-2025	Packing / Seal	: Sealed		
Sample Received Date	: 12-08-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 12-08-2025	Date of Completion	: 14-08-2025		
Sampling Method	: WI/ST/A	Sample ID	: 0825/ST09065		
Duration Sampling	: 60 min.	Fuel	: -		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
15	0.50	50	3.11	1975

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	32.4	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005599/25-	Issue Date : 19-08-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-08-2025	Packing / Seal : Sealed	
Sample Received Date : 12-08-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-08-2025	Date of Completion : 14-08-2025	
Sampling Method : WI/ST/A	Sample ID : 0825/ST09065	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	50	3.11	1975

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	1.50	-	SOP No.-WI/ST/44-03
2	Methane (as CH4)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N2O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005600/25-	Issue Date : 19-08-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.					
Description of Sample : Stack attached to HCl Unloading Scrubber					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 11-08-2025	Packing / Seal : Sealed				
Sample Received Date : 12-08-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 12-08-2025	Date of Completion : 14-08-2025				
Sampling Method : WI/ST/A	Sample ID : ETL/005600/25-				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Temperature °C			
11	0.10	42.00			
		Velocity m/s			
		1.50			
		Flow Rate Nm³/hr			
		42.39			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	7.10	20	USEPA (Part-0050)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010507F	Issue Date : 19-09-2025
ULR No : TC588525000010507F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 13-09-2025	Packing / Seal	: Sealed
Sample Received Date	: 15-09-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 15-09-2025	Date of Completion	: 17-09-2025
Sampling Method	: WI/ST/A	Sample ID	: 0925/ST10507
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	66	1.20	119

RESULT TABLE

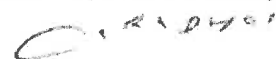
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	134.3	140	IS 11255 (Part-6):1999 Clause 5

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Page 1 of 1



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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003638/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Autoclave Reactor & ONA day tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10507

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	66	1.20	119

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010508F	Issue Date : 19-09-2025
ULR No : TC588525000010508F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10508

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	47	1.00	105

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Ammonia (as NH ₃)	mg/Nm ³	127.3	140	IS 11255 (Part-6):1999 Clause 5

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000965/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to Ammonia Recovery Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10508

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	47	1.00	105

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000010509F	Issue Date : 19-09-2025
ULR No : TC588525000010509F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10509

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
15	0.50	15	3.61	2266

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10
2	Particulate Matter (PM)	mg/Nm ³	38.1	150	IS 11255 (Part-1):1985

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

(Signature)

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(Signature)
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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/006576/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2025

Packing / Seal : Sealed

Sample Received Date : 15-09-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-09-2025

Date of Completion : 17-09-2025

Sampling Method : WI/ST/A

Sample ID : 0925/ST10509

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.50	15	3.61	2266

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	1.60	-	SOP No.-WI/ST/44-03
2	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



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Sweety Patel (Dy.TM)



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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003639/25-	Issue Date : 19-09-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.	
Description of Sample : Stack attached to HCl Unloading Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-09-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-09-2025	Date of Completion : 17-09-2025
Date of Starting of Test : 15-09-2025	Sample ID : ETL/003639/25-
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.10	37.00	1.30	36.74

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	6.40	16	USEPA (Part-0050)

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)

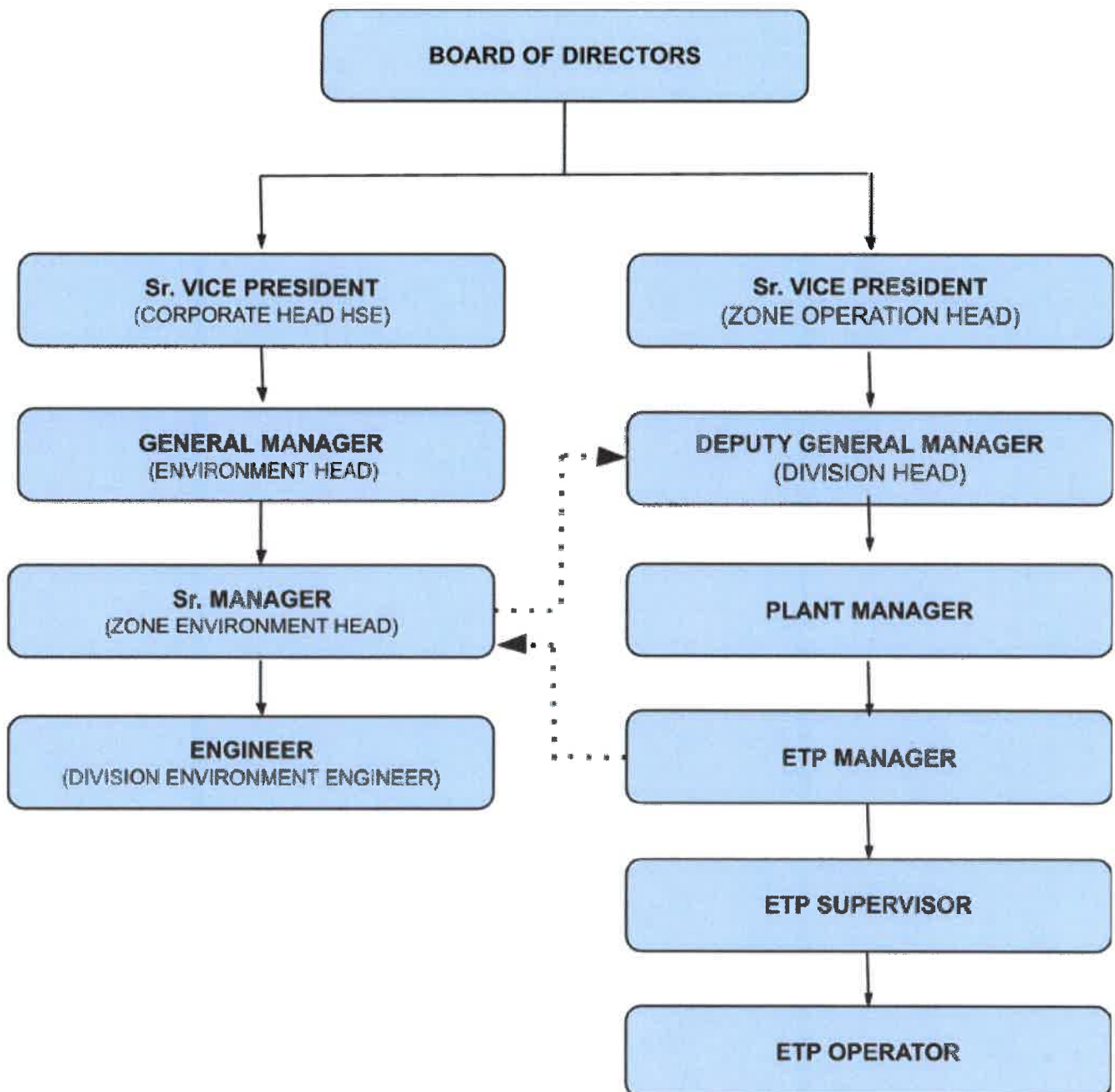

REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1





Annexure- 9		
AIL- AMINE DEVISION		
LIST OF SAFETY EQUIPMENTS AND SAFETY SYSTEM STATUS		
Sr No.	Description	Amine, Vapi
1	Fire Water storage at Site (M3)	1000
2	Main Electrical Pump-1 Capacity (M3/hr.)	410
3	Diesel Operated Pump Capacity (M3/hr.)	410
4	Jockey Pump-1 Capacity (M3/hr.)	25
4.1	Jockey Pump-2 Capacity (M3/hr.)	25
5	Hydrant Ring Main line Size (in inches)	6
6	Are all pumps on AUTO (Yes/No)	Yes
7	Hydrant Points (Nos.)	83
8	Fixed Foam Monitors (Nos.)	8
9	Hand Foam Monitors / Foam Nozzle (Nos.)	3
10	Fire Jet Nozzles (Nos.)	5
11	Fog nozzles / TP nozzle (Nos.)	100
12	Mayur Water Curtains (Nos.)	2
13	Hose Boxes (Nos.)	83
14	Fire Hoses (Nos.)	200
15	Hose Reels with nozzles (Nos.)	34
16	Water Sprinklers on flammable storages (Nos.)	-
17	Water Sprinklers on explosive storages (Nos.)	2
18	Smoke detectors in Plant (Nos.)-Link.	132
19	Foam for hydrant (in Lit.)	3320
20	Safety Showers with eye washes (Nos.)	19
21	Eye Washer (Nos.)	1
22	Sand Bucket Stand (4 nos. Sand buckets in each)	12
23	Sand pits with loose and dry sand (Nos.)	1
24	Fire Blankets (Nos.)	2
25	Double harness adequate safety belts(Nos.)	4
26	Safety Kits (containing PPEs.) in plants	5
27	Central Fire Station (to keep fire fighting equipments spares)	1
28	Fire Proxy Suits (Yes / No)	6
29	Self Contained Breathing Apparatus Sets (Nos.)	16
30	Spare filled Cylinders for SCBA (Nos.)	12
31	ABC type (stored pressure) fire extinguishers (Nos.)	183
32	Mechanical Foam fire extinguishers (Nos.)	4
33	CO2 type fire extinguishers (Nos.)	91
34	Cartridge Masks (Nos.)	50
35	Spare PVC Suits (sets)	5
36	Spare Safety Goggle (Nos.)	50
37	Spare PVC Hand gloves (pairs)	50
38	OHC (Yes / No)	Yes
39	First Aid Box & Nos.	5
40	Ambulance (Yes / No)	Yes
41	Emergency Siren (Nos.)	2
42	Manual emergency Siron (Nos.)	1
43	Nos. of First Aiders pershift	8
44	Nos. of Fire Fighter per shift.	8
45	Nos. of Emergency Team Members.	60
46	Emergency Control Centres (Yes / No)	2
47	Assembly Points (Nos.)	3
48	Wind Soks installed.(Nos.)	4
49	VOC meter.(Yes / No)	3
50	Oxygen Meter .(Yes / No)	5
51	Ammonia Meter (NA / Yes / No)	6
52	Sound meter (Yes / No)	1
53	HCL Meter	1
54	Multi Gas Detector (O2, LEL, H2S, CO)	7
55	Fall Areestor	8
56	Rope Ladder for Vessel Entry (Yes / No / NA)	3
57	Spill Kit	4
58	Manual call point	53
59	New Breathing air trolley	1
60	Confiend space kit	1
61	Suction blower	4
62	Air Mover	1

Medical Examination Report | AARTI INDUSTRIES LTD Apr -2025

Employee Code : 55007771 Age : 24 Gender : Male
 Employee Name : Anup Yadav
 Department : Amine_NA
 Division : Amine
 Patient Code : 29215449 Date : 02 Apr 2025



Present Complaints : NIL

Family History : NIL

Past History : NIL

Personal History : NIL

Allergies To : NIL

Personal Habits

Smoking : Regular : No Alcohol : Regular : No Tobacco : Regular : No
 Occasional : No Occasional : No Occasional : No

Physical Examination

Eye Checkup

Other : Normal

Color Vision : Normal

Without Spects	Right	Left	With Spects	Right	Left
Near	N/6	'N/6	Near	'-	'-
Dist.	'6/6	'6/6	Dist.	'-	'-

Height : 170.000 cm

Weight : 63.000 kg

BMI : 21.800

Pulse : 68 /min

BP : 128/78 mmHg

SPO2 : 99

Romberg's Test : ☒ Negative ☐ PositiveTrismus Test : ☒ Negative ☐ Positive

Cardio Vascular System

Heart Sound : S1 S2+

Murmurs : Not Heard

Respiratory System

Breath Sound : AEBE, Clear

Adventitious Sound : None

PA : Soft

Liver : Normal

Spleen : Not Palpable

CNS : NAD

Dental : NAD

Skin : Normal

Ear : NAD

Nose : NAD

Throat : NAD

MSK : NAD

Lab Findings

Hemoglobin 14.7 g/dl

WBC count 5880 /cumm

Platelet count 2.03 Lacs/cumm

RBS 135 mg/dl

Serum Creatinine 1.09 mg/dl

Blood Urea 21.29 mg/dl

SGPT 38.47 IU/L

SGOT 29.95 IU/L

Total Bilirubin 0.8 mg/dl

* Physical reports of ECG, Audiometry, PFT, and Lab. investigation are separately attached. (if applicable)

(P.T.O)

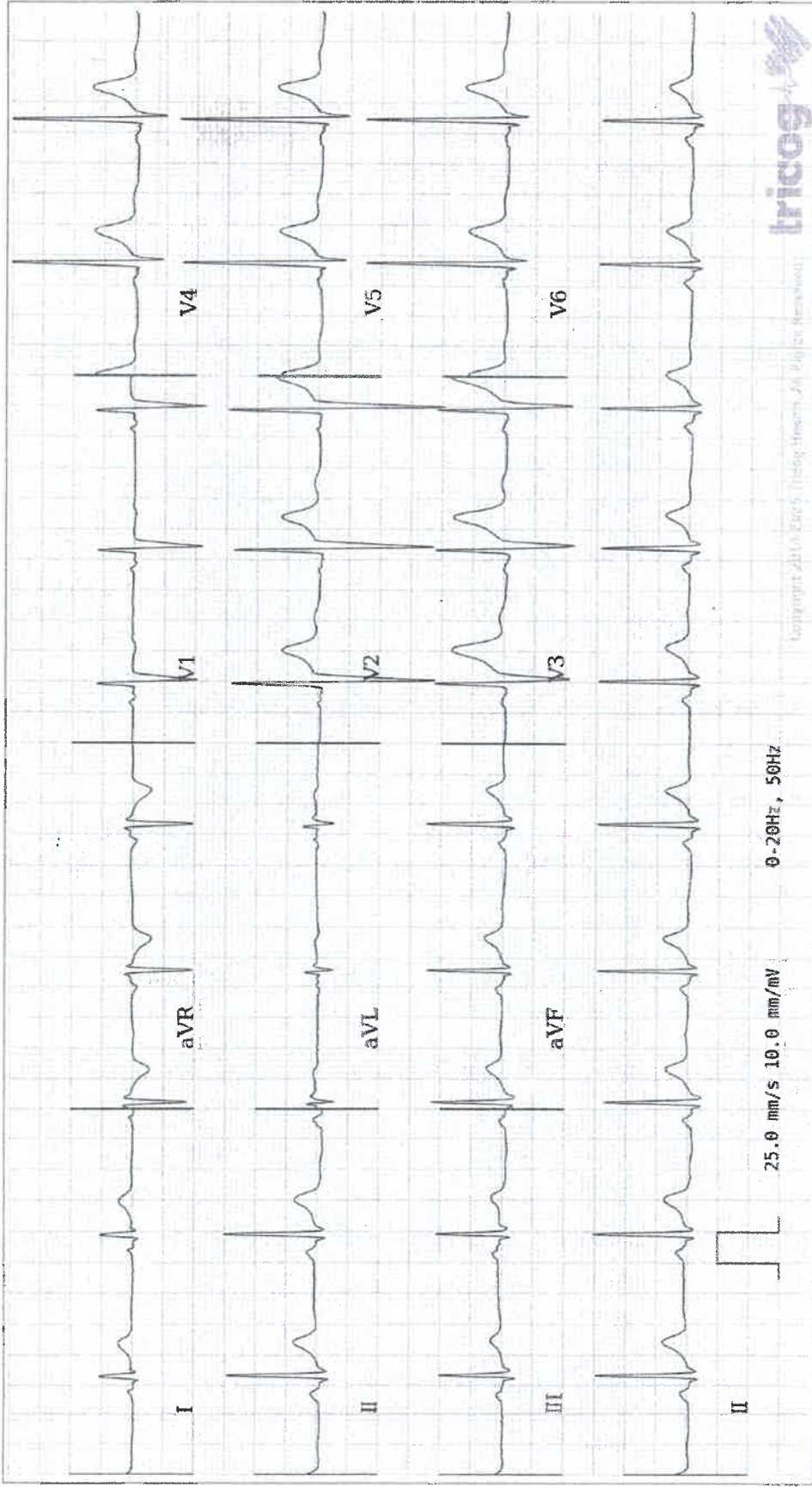

Dr. SAMKIT J. SHAH
 (M.D., D.M.R.E., C.I.H. PGD, M.L.S.)
 Regd. No.: 2012/02/0157





AVX

Age / Sex: 24 / MALE
Date of ECG: April 2nd 2025, 15:22:26
Patient ID: 29215449
Patient Name: Anup yadav 7771



AR: 65bpm VR: 66bpm QRS: 98ms QT: 356ms QTc: 373ms PRI: 132ms P-R-T: 60° 88° 56°

WNL

DR. NAISAR NAHAR
MBBS, DNB MEDICINE
Reg. No. 2006031711

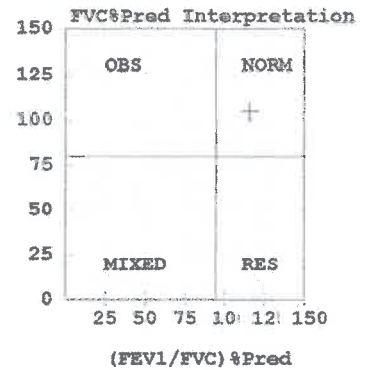
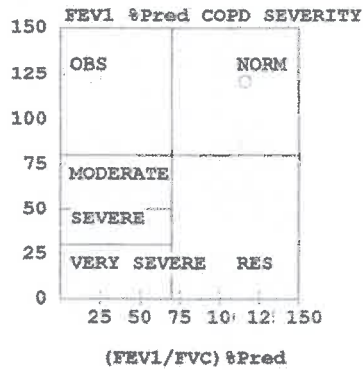
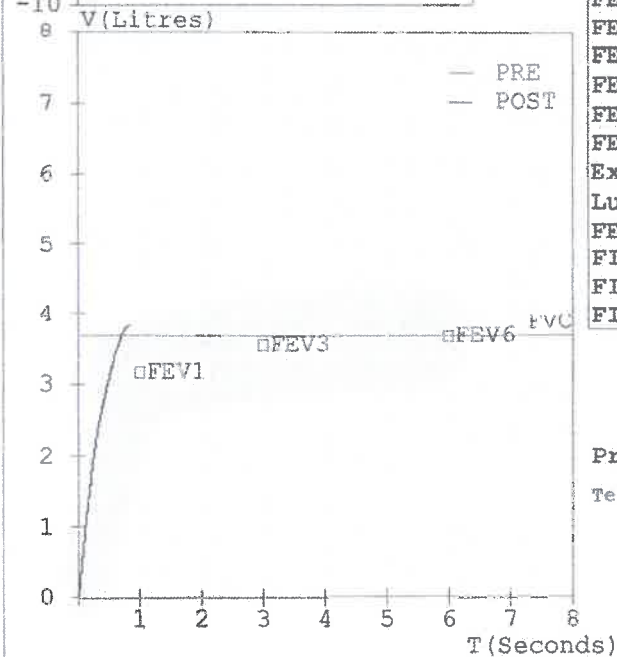
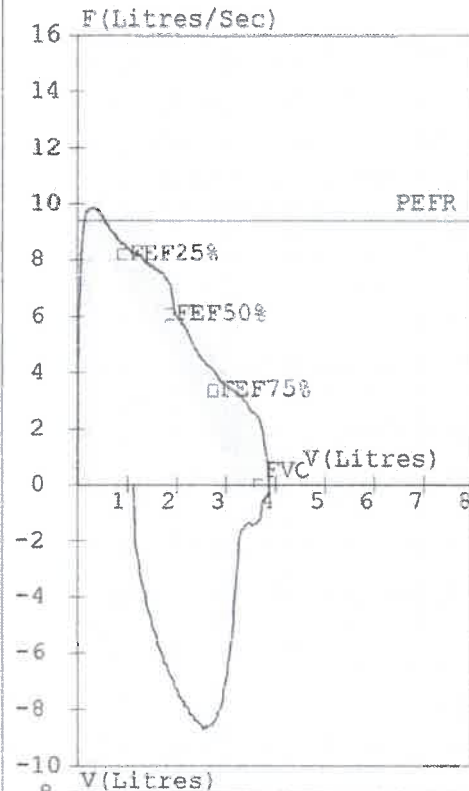
Warning: Analysis in this report is based on ECG alone and should only be used as an adjunct to clinical history, symptoms and results of other invasive and non-invasive tests and must be interpreted by a qualified physician.

AVEXA HEALTHCARE

3rd floor, Shraddha complex, Tokarkhada. Silvassa. 396230

Patient: ANUP YADAV
Refd. By:
Pred.Eqns: RECORDERS
Date : 02-Apr-2025 02:58 PM

Age : 24 Years Gender : Male
Height : 170 Cms Smoker : No
Weight : 63 Kgs Eth. Corr: 100
ID: 25007771 Temp :



Spirometry(FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	03.67	03.85	105	----
FEV1 (L)	03.17	03.85	121	----
FEV1/FVC (%)	86.38	100.00	116	----
FEF25-75 (L/s)	04.66	05.83	125	----
PEFR (L/s)	09.41	09.79	104	----
FIVC (L)	-----	02.75	---	----
FEV.5 (L)	-----	03.13	---	----
FEV3 (L)	03.56	03.85	108	----
PIFR (L/s)	-----	08.62	---	----
FEF75-85 (L/s)	-----	03.37	---	----
FEF.2-1.2 (L/s)	07.98	08.84	111	----
FEF 25% (L/s)	08.20	08.42	103	----
FEF 50% (L/s)	06.10	06.52	107	----
FEF 75% (L/s)	03.38	03.68	109	----
FEV.5/FVC (%)	-----	81.30	---	----
FEV3/FVC (%)	97.00	100.00	103	----
FET (Sec)	-----	00.85	---	----
ExptTime (Sec)	-----	00.03	---	----
Lung Age (Yrs)	024	019	079	----
FEV6 (L)	03.67	-----	---	----
FIF25% (L/s)	-----	02.85	---	----
FIF50% (L/s)	-----	01.35	---	----
FIF75% (L/s)	-----	07.66	---	----

Pre Test COPD Severity

Test within normal limits

Dr. SAMKIT J. SHAH
(M.D., D.M.R.E., C.H. PGD: M.L.S.)
Regd. No.: 2012/02/0157

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.



TEST REPORT

Name : Mr. Anup Yadav 29215449 Age/Sex : 24 Years / Male Ref. By : Client Name : Employee ID : 55007771	Reg. No : 504100142 Reg. Date : 02-Apr-2025 06:25 PM Collected On : 02-Apr-2025 06:31 PM Printed On : 04-Apr-2025 09:55 AM Department : Asst Asstt
--	---

Parameter	Results	Unit	Biological Ref. Interval
-----------	---------	------	--------------------------

COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	14.7	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	L 45.80	%	47 - 52
RBC Count (Electrical Impedance)	L 4.08	million/cmm	4.7 - 6.0
MCV (Calculated)	H 112.3	fL	78 - 110
MCH (Calculated)	H 36.0	Pg	27 - 31
MCHC (Calculated)	32.1	%	30 - 35
RDW (Calculated)	H 14.1	%	11.5 - 14.0
WBC Count (Flowcytometry)	5880	/cmm	4000 - 10500
Platelet Count	203000	/cmm	150000 - 450000
MPV	H 12.2	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT	[%]	[%]	EXPECTED VALUES	[Abs]	EXPECTED VALUES
Neutrophils (%)	53	%	42.0 - 75.2	3116 /cmm	
Lymphocytes (%)	35	%	20 - 45	2058 /cmm	
Eosinophils (%)	H 6	%	1 - 4	353 /cmm	
Monocytes (%)	6	%	2 - 8	353 /cmm	
Basophils (%)	0	%	0 - 1	0 /cmm	

PERIPHERAL SMEAR STUDY

RBC Morphology	Macrocytic Normochromic Rbcs. Anisopoikilocytosis.
WBC Morphology	No premature cells are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.

Page 1 of 4


Dr. K.R. Prajapati
MD. Patho (G-28517)





ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name : Mr. Anup Yadav 29215449
Age/Sex : 24 Years / Male
Ref. By :
Client Name :
Employee ID : 55007771

Reg. No : 504100142
Reg. Date : 02-Apr-2025 06:25 PM
Collected On : 02-Apr-2025 06:31 PM
Printed On : 04-Apr-2025 09:55 AM
Department : Asst Assct

Parameter	Result	Unit	Biological Ref. Interval
Random Blood Sugar (RBS) <i>Glucose Oxidase-Peroxidase</i>	135	mg/dL	70 - 140
Creatinine <i>ENZYMATIC</i>	1.09	mg/dL	0.8 - 1.5
Uric Acid <i>Uricase Colorimetry</i>	5.08	mg/dL	3.5 - 8.5
UREA <i>Urease end point reaction</i>	21.29	mg/dL	16.0 - 43.0

LIVER FUNCTION TEST

SGOT <i>Multipoint-Rate/Uv With P-5-P</i>	29.95	U/L	17 - 59
SGPT <i>Multipoint-Rate/Uv With P-5-P</i>	38.47	U/L	0 - 50
Total Bilirubin <i>Colorimetric method</i>	0.8	mg/dL	0.1 - 1.4
Conjugated Bilirubin <i>Sulph acid dpl/cafi-benz</i>	0.3	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/cafi-benz</i>	0.5	mg/dL	0.0 - 1.1
Alakaline Phosphatase <i>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</i>	80.5	U/L	38 - 126
GGT <i>G-glutamyl-p-nitroanilide</i>	20.79	U/L	15 - 73

This is an Electronically Authenticated Report.

Page 2 of 4

Dr.K.R Prajapati
MD.Patho (G-28517)

+91 98258 20138
drtejasforensic@yahoo.com

305, Third Floor, Aagam Avenue, Nr. CNG Petrol Pump,
Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.





TEST REPORT

Name	: Mr. Anup Yadav 29215449	Reg. No	: 504100142
Age/Sex	: 24 Years / Male	Reg. Date	: 02-Apr-2025 06:25 PM
Ref. By	:	Collected On	: 02-Apr-2025 06:31 PM
Client Name	:	Printed On	: 04-Apr-2025 09:55 AM
Employee ID	: 55007771	Department	: Asst Assct

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

*** PHENOL LEVEL - URINE**
UV - VIS Spectrophotometer

43.40

mg Phenol/gm Creatinine Up to 85mg Phenol/creatinine on control Indian population.
Ref : Verma et al, Industrial Health, 2003, 41, 260-264.

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Page 3 of 4


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+91 98258 20138
drtejasforensic@yahoo.com

305, Third Floor, Aagam Avenue, Nr. CNG Petrol Pump,
Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat. 380 005.





ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name : Mr. Anup Yadav 29215449
Age/Sex : 24 Years / Male
Ref. By :
Client Name :
Employee ID : 55007771

Reg. No : 504100142
Reg. Date : 02-Apr-2025 06:25 PM
Collected On : 02-Apr-2025 06:31 PM
Printed On : 04-Apr-2025 09:55 AM
Department : Asst Assct

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	10 cc
Colour	Yellow
Clarity	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	5.0	4.6 - 8.0
Sp. Gravity	1.020	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	nn	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	3 - 4/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

----- End Of Report -----

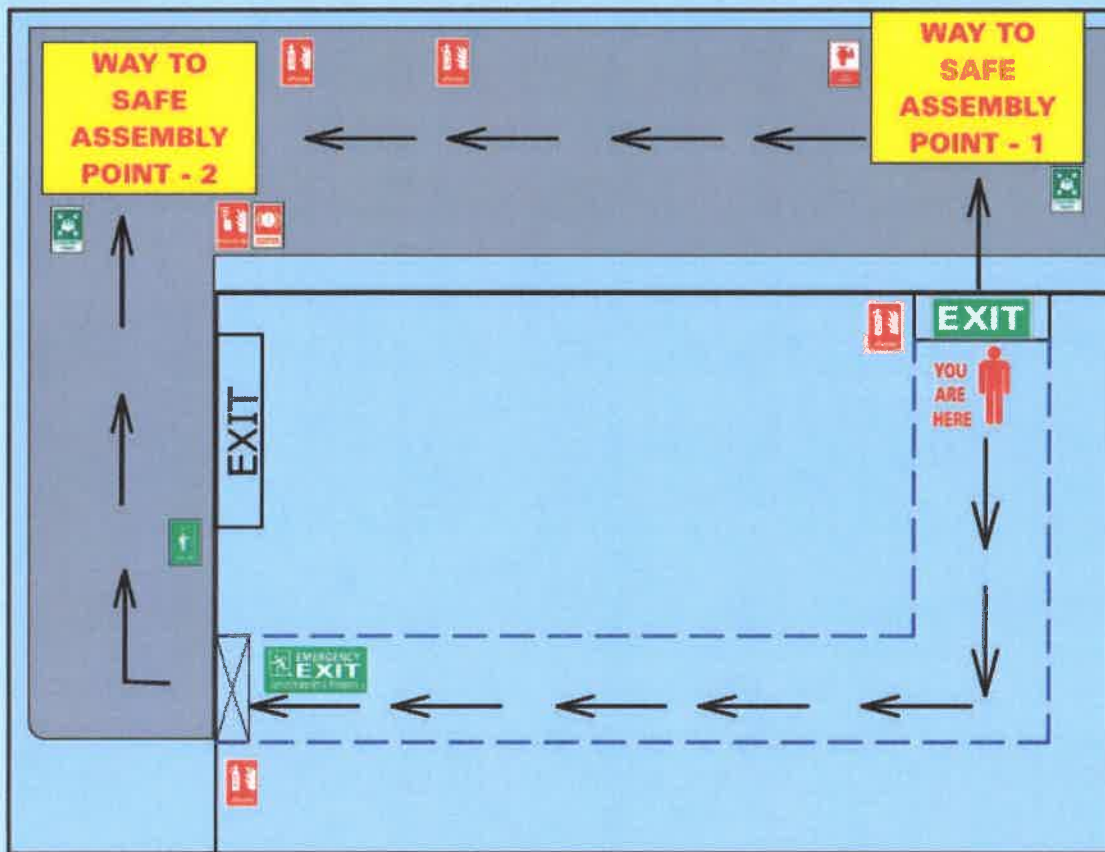
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Page 4 of 4


Dr.K.R Prajapati
MD.Patho (G-28517)



ESCAPE PLAN ONA WARE HOUSE - II



	Fire Extinguisher
	Fire Bucket Stand
	Manual Call Point
	Fire Hose reel
	Fire Hydrant Post
	Fire Monitor
	Hooter
	Wind Sock
	Exit
	Emergency Exit
	Safety Shower
	SCBA
	First aid Box
	Assembly Point

Analysis Summary Report for Ambient Air Quality Monitoring

Month: April- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No	Date	Results											
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/04/2025	76.8	35.2	29.5	40.9	0.83	17.3	9.4	BDL	BDL	BDL	BDL	BDL
2.	05/04/2025	93.5	43.1	37.4	48.8	0.74	--	--	--	--	--	--	--
3.	11/04/2025	81.6	37.4	31.7	43.1	0.62	--	--	--	--	--	--	--
4.	12/04/2025	90.4	41.6	35.9	47.3	0.51	--	--	--	--	--	--	--
5.	18/04/2025	86.2	40.3	34.6	45.7	0.77	--	--	--	--	--	--	--
6.	19/04/2025	95.7	45.8	40.1	51.5	0.85	--	--	--	--	--	--	--
7.	25/04/2025	72.9	32.5	26.8	38.2	0.67	--	--	--	--	--	--	--
8.	26/04/2025	88.3	39.7	31.2	45.4	0.79	--	--	--	--	--	--	--
	Maximum	95.7	45.8	40.1	51.5	0.85	--	--	--	--	--	--	--
	Minimum	72.9	32.5	26.8	38.2	0.51	--	--	--	--	--	--	--
	Average	85.6	39.4	33.7	45.1	0.72	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

P. P. A.
ANALYSED BY

C. K. Desai
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month: April- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near SFD Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
1.	04/04/2025	84.3	39.2	33.5	42.4	0.78	16.2	8.5	BDL	BDL	BDL	BDL	BDL
2.	05/04/2025	75.4	35.1	29.4	38.3	0.65	--	--	--	--	--	--	--
3.	11/04/2025	80.2	37.3	31.6	40.2	0.94	--	--	--	--	--	--	--
4.	12/04/2025	67.8	30.5	24.8	33.7	0.52	--	--	--	--	--	--	--
5.	18/04/2025	78.1	34.6	28.9	37.6	0.81	--	--	--	--	--	--	--
6.	19/04/2025	89.6	41.7	36.2	45.9	0.92	--	--	--	--	--	--	--
7.	25/04/2025	58.9	25.4	19.7	28.1	0.48	--	--	--	--	--	--	--
8.	26/04/2025	92.5	43.8	38.1	47.8	0.85	--	--	--	--	--	--	--
	Maximum	92.5	43.8	38.1	47.8	0.94	--	--	--	--	--	--	--
	Minimum	58.9	25.4	19.7	28.1	0.48	--	--	--	--	--	--	--
	Average	78.3	35.9	30.2	39.2	0.74	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Dielp. J.
ANALYSED BY

C. K. Desai
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsaha Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month: April- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-3

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	04/04/2025	81.6	38.2	32.5	43.9	0.76	13.5	10.1	BDL	BDL	BDL	BDL	BDL
2.	05/04/2025	79.2	36.5	30.8	42.2	0.82	--	--	--	--	--	--	--
3.	11/04/2025	70.4	32.1	26.4	37.8	0.65	--	--	--	--	--	--	--
4.	12/04/2025	88.7	40.3	34.6	46.6	0.54	--	--	--	--	--	--	--
5.	18/04/2025	73.1	33.6	27.9	39.3	0.72	--	--	--	--	--	--	--
6.	19/04/2025	68.9	29.8	24.1	35.5	0.67	--	--	--	--	--	--	--
7.	25/04/2025	60.3	27.4	21.7	33.1	0.88	--	--	--	--	--	--	--
8.	26/04/2025	85.5	39.7	34.2	45.4	0.58	--	--	--	--	--	--	--
	Maximum	88.7	40.3	34.6	46.6	0.88	--	--	--	--	--	--	--
	Minimum	60.3	27.4	21.7	33.1	0.54	--	--	--	--	--	--	--
	Average	75.9	34.7	29.0	40.4	0.70	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY


AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month: May- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	02/05/2025	78.3	35.2	30.1	39.9	0.81	15.6	10.2	BDL	BDL	BDL	BDL	BDL
2.	03/05/2025	80.5	37.8	32.7	42.5	0.75	--	--	--	--	--	--	--
3.	09/05/2025	72.6	33.4	28.3	38.1	0.64	--	--	--	--	--	--	--
4.	10/05/2025	69.4	31.5	26.4	36.2	0.58	--	--	--	--	--	--	--
5.	16/05/2025	83.7	39.3	34.2	44.6	0.83	--	--	--	--	--	--	--
6.	17/05/2025	65.8	28.6	23.5	33.3	0.62	--	--	--	--	--	--	--
7.	23/05/2025	86.1	40.7	35.6	45.4	0.54	--	--	--	--	--	--	--
8.	24/05/2025	77.2	36.2	31.1	40.9	0.88	--	--	--	--	--	--	--
9.	30/05/2025	60.9	27.1	22.4	31.8	0.74	--	--	--	--	--	--	--
10.	31/05/2025	75.6	34.3	29.2	39.2	0.51	--	--	--	--	--	--	--
	Maximum	86.1	40.7	35.6	45.4	0.88	--	--	--	--	--	--	--
	Minimum	60.9	27.1	22.4	31.8	0.51	--	--	--	--	--	--	--
	Average	75.0	34.4	29.3	39.1	0.69	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

P. H. P. A.
ANALYSED BY

C. K. D. S.
AUTHORIZED SIGNATORY

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



ENPRO
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Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : May - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near SFD Plant

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	02/05/2025	84.6	39.2	34.1	43.2	0.76	14.3	6.8	BDL	BDL	BDL	BDL	BDL
2.	03/05/2025	76.3	35.1	30.6	38.5	0.55	--	--	--	--	--	--	--
3.	09/05/2025	62.9	28.6	23.5	34.8	0.67	--	--	--	--	--	--	--
4.	10/05/2025	87.2	40.3	35.2	44.1	0.92	--	--	--	--	--	--	--
5.	16/05/2025	72.7	34.5	29.4	38.6	0.73	--	--	--	--	--	--	--
6.	17/05/2025	66.8	31.7	26.6	35.3	0.54	--	--	--	--	--	--	--
7.	23/05/2025	79.4	36.2	31.1	40.7	0.62	--	--	--	--	--	--	--
8.	24/05/2025	56.5	25.8	20.7	29.9	0.48	--	--	--	--	--	--	--
9.	30/05/2025	68.1	32.3	27.2	36.4	0.59	--	--	--	--	--	--	--
10.	31/05/2025	71.2	29.4	24.3	33.5	0.61	--	--	--	--	--	--	--
	Maximum	87.2	40.3	35.2	44.1	0.92	--	--	--	--	--	--	--
	Minimum	56.5	25.8	20.7	29.9	0.48	--	--	--	--	--	--	--
	Average	72.6	33.3	28.2	37.5	0.64	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Atul Patel
ANALYSED BY

C. R. Ojha
AUTHORIZED SIGNATORY

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



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Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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Sachin-Palsana Road, Sachin, Surat - 394 230, Gujarat, INDIA.

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month: May- 2025
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near Security Gate-3
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	02/05/2025	73.5	33.2	28.9	37.3	0.65	11.8	9.1	BDL	BDL	BDL	BDL	BDL
2.	03/05/2025	69.8	30.5	26.2	34.6	0.53	--	--	--	--	--	--	--
3.	09/05/2025	78.2	35.1	30.8	39.2	0.81	--	--	--	--	--	--	--
4.	10/05/2025	67.9	31.3	27.5	35.4	0.72	--	--	--	--	--	--	--
5.	16/05/2025	59.3	26.4	22.1	30.5	0.48	--	--	--	--	--	--	--
6.	17/05/2025	65.4	29.6	25.3	33.7	0.51	--	--	--	--	--	--	--
7.	23/05/2025	70.1	32.3	28.2	36.4	0.63	--	--	--	--	--	--	--
8.	24/05/2025	57.6	21.7	17.4	25.8	0.46	--	--	--	--	--	--	--
9.	30/05/2025	74.7	34.8	30.5	38.9	0.77	--	--	--	--	--	--	--
10.	31/05/2025	55.3	24.9	20.6	29.1	0.58	--	--	--	--	--	--	--
	Maximum	78.2	35.1	30.8	39.2	0.81	--	--	--	--	--	--	--
	Minimum	55.3	21.7	17.4	25.8	0.46	--	--	--	--	--	--	--
	Average	67.1	29.9	25.7	34.0	0.61	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month: June - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	06/06/2025	66.8	29.3	25.6	33.8	0.81	14.2	9.5	BDL	BDL	BDL	BDL	BDL
2.	07/06/2025	76.2	36.4	32.1	40.9	0.57	--	--	--	--	--	--	--
3.	13/06/2025	83.4	38.1	33.8	42.6	0.64	--	--	--	--	--	--	--
4.	14/06/2025	79.5	34.8	30.5	39.3	0.59	--	--	--	--	--	--	--
5.	20/06/2025	62.7	28.5	24.2	32.9	0.85	--	--	--	--	--	--	--
6.	21/06/2025	65.3	30.2	25.9	34.7	0.76	--	--	--	--	--	--	--
7.	27/06/2025	72.1	33.6	29.3	38.1	0.69	--	--	--	--	--	--	--
8.	28/06/2025	60.6	27.7	23.4	31.5	0.51	--	--	--	--	--	--	--
	Maximum	83.4	38.1	33.8	42.6	0.85	--	--	--	--	--	--	--
	Minimum	60.6	27.7	23.4	31.5	0.51	--	--	--	--	--	--	--
	Average	70.8	32.3	28.1	36.7	0.67	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month : June - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near SFD Plant

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
1.	06/06/2025	75.7	35.2	29.6	38.2	0.59	13.5	5.1	BDL	BDL	BDL	BDL	BDL
2.	07/06/2025	68.3	31.6	26.5	34.1	0.74	--	--	--	--	--	--	--
3.	13/06/2025	71.8	28.5	23.4	31.8	0.61	--	--	--	--	--	--	--
4.	14/06/2025	57.6	25.3	20.2	28.7	0.78	--	--	--	--	--	--	--
5.	20/06/2025	64.2	30.1	25.8	33.4	0.56	--	--	--	--	--	--	--
6.	21/06/2025	77.4	34.7	29.6	37.5	0.68	--	--	--	--	--	--	--
7.	27/06/2025	59.5	26.4	21.3	29.6	0.47	--	--	--	--	--	--	--
8.	28/06/2025	66.1	29.8	24.7	32.8	0.75	--	--	--	--	--	--	--
	Maximum	77.4	35.2	29.6	38.2	0.78	--	--	--	--	--	--	--
	Minimum	57.6	25.3	20.2	28.7	0.47	--	--	--	--	--	--	--
	Average	67.5	30.2	25.1	33.2	0.64	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : June - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-3

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	06/06/2025	64.4	28.6	23.5	32.7	0.73	10.3	8.6	BDL	BDL	BDL	BDL	BDL
2.	07/06/2025	70.6	31.5	26.4	35.6	0.81	--	--	--	--	--	--	--
3.	13/06/2025	67.9	30.4	25.3	34.5	0.57	--	--	--	--	--	--	--
4.	14/06/2025	73.5	32.1	27.8	36.2	0.63	--	--	--	--	--	--	--
5.	20/06/2025	56.8	25.9	20.8	29.1	0.49	--	--	--	--	--	--	--
6.	21/06/2025	76.3	35.3	30.2	38.6	0.66	--	--	--	--	--	--	--
7.	27/06/2025	61.7	27.2	22.1	31.3	0.78	--	--	--	--	--	--	--
8.	28/06/2025	59.1	26.8	21.7	30.9	0.53	--	--	--	--	--	--	--
	Maximum	76.3	35.3	30.2	38.6	0.81	--	--	--	--	--	--	--
	Minimum	56.8	25.9	20.8	29.1	0.49	--	--	--	--	--	--	--
	Average	66.2	29.7	24.7	33.6	0.65	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06
3. Remarks: 1. Method used is as per CPCB Method 10 of 2017. 2. All parameters are within permissible limits.													

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

2. Note: BDL-Below Detectable Limit.

Atul P. A.
ANALYSED BY

C. R. D. T. A.
AUTHORIZED SIGNATORY

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

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Environmental Testing Laboratory

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Sachin-Palsana Road, Sachin, Surat - 394 230, Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring

Month : July - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	04/07/2025	70.6	32.6	29.5	36.1	0.53	15.1	10.2	BDL	BDL	BDL	BDL	BDL	
2.	05/07/2025	67.5	31.4	28.3	34.9	0.64	---	---	---	---	---	---	---	
3.	11/07/2025	73.7	33.5	30.4	37.3	0.75	---	---	---	---	---	---	---	
4.	12/07/2025	58.3	26.2	23.1	29.7	0.56	---	---	---	---	---	---	---	
5.	18/07/2025	62.9	29.5	26.4	33.2	0.69	---	---	---	---	---	---	---	
6.	19/07/2025	53.4	25.1	22.0	28.6	0.44	---	---	---	---	---	---	---	
7.	25/07/2025	76.6	36.3	33.2	39.8	0.71	---	---	---	---	---	---	---	
8.	26/07/2025	56.8	24.7	21.6	28.2	0.58	---	---	---	---	---	---	---	
	Maximum	76.6	36.3	33.2	39.8	0.75	---	---	---	---	---	---	---	
	Minimum	53.4	24.7	21.6	28.2	0.44	---	---	---	---	---	---	---	
	Average	64.9	29.9	26.8	33.4	0.61	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182.														

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

2. Note: BDL-Below Detectable Limit.

Atul P. A.
ANALYSED BY

[Signature]
AUTHORIZED SIGNATORY

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

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Lab Ph. : +91-95128.74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring Month : July - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near SFD Plant Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/07/2025	68.2	31.5	26.8	34.2	0.52	12.6	4.8	BDL	BDL	BDL	BDL	BDL
2.	05/07/2025	74.7	35.3	30.6	37.5	0.68	--	--	--	--	--	--	--
3.	11/07/2025	80.1	37.4	32.7	40.6	0.78	--	--	--	--	--	--	--
4.	12/07/2025	55.6	25.1	20.4	27.3	0.47	--	--	--	--	--	--	--
5.	18/07/2025	70.4	32.6	27.9	34.1	0.73	--	--	--	--	--	--	--
6.	19/07/2025	65.8	30.2	25.5	32.8	0.65	--	--	--	--	--	--	--
7.	25/07/2025	58.3	26.7	22.3	29.7	0.51	--	--	--	--	--	--	--
8.	26/07/2025	63.8	28.8	24.1	31.9	0.67	--	--	--	--	--	--	--
	Maximum	80.1	37.4	32.7	40.6	0.78	--	--	--	--	--	--	--
	Minimum	55.6	25.1	20.4	27.3	0.47	--	--	--	--	--	--	--
	Average	67.1	30.9	26.3	33.5	0.62	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06
3. Remark: - 1. Method Followed: IS- 5132													

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

2. Note: BDL-Below Detectable Limit.

Dr. P. A.
ANALYSED BY

[Signature]
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : July - 2025
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amlne Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.	
Location: Near Security Gate-3	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/07/2025	61.5	30.7	27.3	33.5	0.58	9.8	10.1	BDL	BDL	BDL	BDL	BDL
2.	05/07/2025	59.4	28.3	25.4	31.6	0.61	--	--	--	--	--	--	--
3.	11/07/2025	78.3	39.2	35.5	41.7	0.77	--	--	--	--	--	--	--
4.	12/07/2025	64.9	32.1	29.6	34.8	0.68	--	--	--	--	--	--	--
5.	18/07/2025	55.6	26.6	24.7	29.3	0.54	--	--	--	--	--	--	--
6.	19/07/2025	67.2	35.4	33.2	37.1	0.65	--	--	--	--	--	--	--
7.	25/07/2025	71.7	37.5	32.8	40.2	0.52	--	--	--	--	--	--	--
8.	26/07/2025	52.1	25.3	23.9	28.4	0.44	--	--	--	--	--	--	--
	Maximum	78.3	39.2	35.5	41.7	0.77	--	--	--	--	--	--	--
	Minimum	52.1	25.3	23.9	28.4	0.44	--	--	--	--	--	--	--
	Average	63.9	31.8	29.1	34.5	0.59	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

D. P. A.
ANALYSED BY

C. R. Joshi
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : August - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
	Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/08/2025	62.5	29.4	24.7	30.8	0.51	14.3	9.6	BDL	BDL	BDL	BDL	BDL
2.	02/08/2025	57.3	26.1	21.4	27.6	0.63	--	--	--	--	--	--	--
3.	08/08/2025	60.1	28.7	24.2	30.3	0.72	--	--	--	--	--	--	--
4.	09/08/2025	67.4	31.5	26.8	32.1	0.58	--	--	--	--	--	--	--
5.	15/08/2025	55.6	25.2	20.5	26.2	0.61	--	--	--	--	--	--	--
6.	16/08/2025	71.2	34.6	29.9	35.9	0.55	--	--	--	--	--	--	--
7.	22/08/2025	59.7	27.8	23.1	29.4	0.49	--	--	--	--	--	--	--
8.	23/08/2025	64.8	30.1	25.4	31.7	0.53	--	--	--	--	--	--	--
9.	29/08/2025	51.5	24.3	19.6	25.5	0.66	--	--	--	--	--	--	--
10.	30/08/2025	53.2	23.2	18.5	24.3	0.50	--	--	--	--	--	--	--
	Maximum	71.2	34.6	29.9	35.9	0.72	--	--	--	--	--	--	--
	Minimum	51.5	23.2	18.5	24.3	0.49	--	--	--	--	--	--	--
	Average	60.3	28.1	23.4	29.4	0.57	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Atul P. A.
ANALYSED BY

C. K. Doshi
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : August - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near SFD Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	01/08/2025	57.4	26.1	21.4	27.9	0.61	11.4	4.1	BDL	BDL	BDL	BDL	BDL	
2.	02/08/2025	63.6	29.2	24.5	31.8	0.58	--	--	--	--	--	--	--	
3.	08/08/2025	54.2	25.5	20.8	27.3	0.66	--	--	--	--	--	--	--	
4.	09/08/2025	68.5	31.7	27.3	33.5	0.75	--	--	--	--	--	--	--	
5.	15/08/2025	51.7	23.8	19.1	25.6	0.52	--	--	--	--	--	--	--	
6.	16/08/2025	65.8	32.3	27.6	34.1	0.63	--	--	--	--	--	--	--	
7.	22/08/2025	48.3	22.9	18.2	24.7	0.55	--	--	--	--	--	--	--	
8.	23/08/2025	52.9	24.4	19.7	26.2	0.67	--	--	--	--	--	--	--	
9.	29/08/2025	60.1	28.2	23.5	30.5	0.59	--	--	--	--	--	--	--	
10.	30/08/2025	66.2	30.6	25.9	32.4	0.62	--	--	--	--	--	--	--	
	Maximum	68.5	32.3	27.6	34.1	0.75	--	--	--	--	--	--	--	
	Minimum	48.3	22.9	18.2	24.7	0.52	--	--	--	--	--	--	--	
	Average	58.8	27.4	22.8	29.4	0.61	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Ritup.A.
ANALYSED BY

C. S. D. J. S.
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : August - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-3

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/08/2025	68.7	32.5	28.8	34.3	0.63	8.6	9.7	BDL	BDL	BDL	BDL	BDL
2.	02/08/2025	59.3	27.2	23.5	29.2	0.57	--	--	--	--	--	--	--
3.	08/08/2025	65.2	29.6	25.9	31.4	0.61	--	--	--	--	--	--	--
4.	09/08/2025	57.1	26.3	22.6	28.1	0.59	--	--	--	--	--	--	--
5.	15/08/2025	61.6	28.1	24.8	29.9	0.55	--	--	--	--	--	--	--
6.	16/08/2025	55.4	25.7	22.3	27.5	0.66	--	--	--	--	--	--	--
7.	22/08/2025	50.5	23.8	20.1	25.6	0.73	--	--	--	--	--	--	--
8.	23/08/2025	66.9	31.4	27.7	33.2	0.69	--	--	--	--	--	--	--
9.	29/08/2025	54.8	24.3	20.6	26.1	0.64	--	--	--	--	--	--	--
10.	30/08/2025	62.3	30.1	26.4	32.7	0.52	--	--	--	--	--	--	--
	Maximum	68.7	32.5	28.8	34.3	0.73	--	--	--	--	--	--	--
	Minimum	50.5	23.8	20.1	25.6	0.52	--	--	--	--	--	--	--
	Average	60.2	27.9	24.3	29.8	0.61	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Ritika A.
ANALYSED BY

C. K. Patel
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,

Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : September - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	NI	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	05/09/2025	54.8	25.1	21.8	28.4	0.68	15.6	10.1	BDL	BDL	BDL	BDL	BDL	
2.	06/09/2025	69.5	34.2	30.9	37.5	0.56	--	--	--	--	--	--	--	
3.	12/09/2025	72.3	33.5	30.2	36.8	0.73	--	--	--	--	--	--	--	
4.	13/09/2025	64.6	30.3	27.5	33.6	0.67	--	--	--	--	--	--	--	
5.	19/09/2025	58.2	28.4	25.1	31.7	0.52	--	--	--	--	--	--	--	
6.	20/09/2025	66.1	31.6	28.3	34.9	0.61	--	--	--	--	--	--	--	
7.	26/09/2025	55.4	26.7	23.4	30.1	0.55	--	--	--	--	--	--	--	
8.	27/09/2025	50.7	24.5	21.2	27.8	0.69	--	--	--	--	--	--	--	
	Maximum	72.3	34.2	30.9	37.5	0.73	--	--	--	--	--	--	--	
	Minimum	50.7	24.5	21.2	27.8	0.52	--	--	--	--	--	--	--	
	Average	61.4	29.3	25.9	32.6	0.63	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

D. P. A.
ANALYSED BY

C. K. Singh
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring Month : September - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near SFD Plant Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
		Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	05/09/2025		61.8	29.6	24.5	32.9	0.59	12.5	5.2	BDL	BDL	BDL	BDL	BDL
2.	06/09/2025		57.6	27.2	22.1	30.5	0.62	--	--	--	--	--	--	--
3.	12/09/2025		70.2	34.1	29.8	37.4	0.57	--	--	--	--	--	--	--
4.	13/09/2025		65.3	31.5	26.4	34.8	0.66	--	--	--	--	--	--	--
5.	19/09/2025		54.4	26.4	21.3	29.7	0.49	--	--	--	--	--	--	--
6.	20/09/2025		67.5	32.3	27.2	35.6	0.61	--	--	--	--	--	--	--
7.	26/09/2025		59.1	28.7	23.6	32.2	0.69	--	--	--	--	--	--	--
8.	27/09/2025		51.7	24.8	19.7	28.1	0.58	--	--	--	--	--	--	--
	Maximum		70.2	34.1	29.8	37.4	0.69	--	--	--	--	--	--	--
	Minimum		51.7	24.8	19.7	28.1	0.49	--	--	--	--	--	--	--
	Average		60.9	29.3	24.3	32.6	0.60	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)			100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Ratish A
ANALYSED BY

C. K. Patel
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.
Lab Ph. : +91-95128 74754 E-mail : lab@enpro.co.in

Analysis Summary Report for Ambient Air Quality Monitoring **Month : September - 2025**

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Amine Div.), Plot No.-285,286, Phase-III, GIDC, Vapi.
Location: Near Security Gate-3 **Duration of Sampling:** 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
	Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	06/09/2025	57.3	27.1	21.8	30.3	0.61	9.1	8.5	BDL	BDL	BDL	BDL	BDL	
2.	06/09/2025	63.8	30.3	25.1	33.5	0.58	--	--	--	--	--	--	--	
3.	12/09/2025	54.9	25.8	20.5	28.2	0.63	--	--	--	--	--	--	--	
4.	13/09/2025	69.7	33.5	28.2	36.7	0.52	--	--	--	--	--	--	--	
5.	19/09/2025	51.2	24.7	19.4	27.9	0.73	--	--	--	--	--	--	--	
6.	20/09/2025	65.6	31.2	25.9	34.4	0.67	--	--	--	--	--	--	--	
7.	26/09/2025	50.4	23.6	18.3	26.8	0.51	--	--	--	--	--	--	--	
8.	27/09/2025	55.1	26.7	22.4	29.9	0.65	--	--	--	--	--	--	--	
	Maximum	69.7	33.5	28.2	36.7	0.73	--	--	--	--	--	--	--	
	Minimum	50.4	23.6	18.3	26.8	0.51	--	--	--	--	--	--	--	
	Average	58.5	27.8	22.7	30.9	0.61	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

ANALYSED BY

AUTHORIZED SIGNATORY

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

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000003793F	Issue Date : 16-04-2025
ULR No : TC588525000003793F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Vihang Patel	Sampling & Test Method : WI/N/01
Date of Sampling : 08-04-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0425/N03793
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	71.3	69.5
2	Security Gate	72.8	66.0
3	Material Gate	69.2	65.3
4	Fabrication Work Shop	71.5	67.1
5	Ware House No. 1	67.2	61.8
6	Ware House No. 2	71.4	66.2
7	Central Toilet Bathroom	60.9	58.1
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)



REVIEWED AND AUTHORISED BY
Chintan Desai (TM)



CHECKED BY
Sweety Patel (Dy.TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000005546F	Issue Date : 30-05-2025
ULR No : TC588525000005546F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Nikunj Vagha	Sampling & Test Method : WI/N/01
Date of Sampling : 22-05-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0525/N05546
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	67.4	62.9
2	Security Gate	71.8	67.2
3	Material Gate	73.6	63.0
4	Fabrication Work Shop	70.1	66.5
5	Ware House No. 1	62.3	55.8
6	Ware House No. 2	69.4	56.6
7	Central Toilet Bathroom	63.7	56.9
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000006560F	Issue Date : 19-06-2025
ULR No : TC588525000006560F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.)	
Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Vihang Patel	Sampling & Test Method : WI/N/01
Date of Sampling : 12-06-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0625/N06560
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	72.1	65.9
2	Security Gate	70.6	64.2
3	Material Gate	74.0	62.4
4	Fabrication Work Shop	69.2	65.2
5	Ware House No. 1	65.4	59.1
6	Ware House No. 2	62.0	57.2
7	Central Toilet Bathroom	63.9	54.8
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000007917F	Issue Date : 15-07-2025
ULR No : TC588525000007917F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By : ENPRO Team-Mr.Vihang Patel

Sampling & Test Method : WI/N/01

Date of Sampling : 10-07-2025

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0725/N07917

Type of Test : On Site Testing

Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	68.2	59.7
2	Security Gate	72.9	66.3
3	Material Gate	68.4	63.1
4	Fabrication Work Shop	73.7	66.8
5	Ware House No. 1	68.1	63.3
6	Ware House No. 2	64.8	58.0
7	Central Toilet Bathroom	65.5	57.6
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000009067F	Issue Date : 19-08-2025
ULR No : TC588525000009067F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd. (Amine Div.) Plot No.-285, 286, Phase - III, GIDC Estate, Vapi - 396195, Dist. - Valsad.	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Nikunj Vaghas	Sampling & Test Method : WI/N/01
Date of Sampling : 11-08-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0825/N09067
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	73.8	65.9
2	Security Gate	70.1	65.4
3	Material Gate	73.4	65.2
4	Fabrication Work Shop	71.6	64.5
5	Ware House No. 1	66.2	58.8
6	Ware House No. 2	70.9	64.5
7	Central Toilet Bathroom	61.5	53.3
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.
Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000010511F	Issue Date : 19-09-2025
ULR No : TC588525000010511F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd. (Amine Div.)**

Plot No.-285, 286, Phase - III, GIDC Estate, Vapi – 396195, Dist. – Valsad.

Description of Monitoring	: Noise Level Monitoring	Sampling & Test Method	: WI/N/01
Sampling By	: ENPRO Team-Mr.Vihang Patel	Duration of Sampling	: 1 hr / Location
Date of Sampling	: 13-09-2025	Sample ID	: 0925/N10511
Description of Location	: As per Table Given Below	Protocol	: Ambient Noise Level Monitoring
Type of Test	: On Site Testing		

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Lunch Room	72.1	63.5
2	Security Gate	67.3	62.7
3	Material Gate	72.8	68.3
4	Fabrication Work Shop	69.4	66.1
5	Ware House No. 1	64.1	60.6
6	Ware House No. 2	67.7	62.9
7	Central Toilet Bathroom	60.5	55.4
	LIMIT	75	70

Note: Day Time: 06:00 AM to 10:00 PM & Night Time: 10:00 PM to 06:00 AM.

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.

Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1



Annexure XV

Compliance Status of the EMP/EIA Recommendations

SI No	EMP Recommendations	Current Status
1.0	Establishment of an Environment Management Cell	The unit has set up an Environmental Management Cell both at Corporate level and at the site level. The Cell is headed by a Sr Vice President and a General Manager at the corporate level who drives the implementation of policy. At the site level, an Environment Manager, a dedicated Environment Engineer and the operations team which carry out the operation of EMS system forms the Environment Cell
2.0	Corporate Environment Policy	The organization has a centralized Corporate EHS Policy which is implemented at the site level.
3.0	Management of Air Environment	
3.1	Measures for Flue gas emission control	• The unit has installed ESP for 13 TPH Boiler • The unit has adopted good engineering practices like having timely Preventive Maintenance schedules to ensure proper combustion and reduction in flue gas pollutants. • 10 TPH Boiler has been discontinued, surrender letter is attached as Annexure-XIX of EC Compliance.
3.2	Measures for Process Emission control	The unit has installed two stage scrubbing systems for vent gas coming from Autoclave Reactor & ONA day tank and Ammonia Recovery plant. Analysis reports of Scrubbers are attached as Annexure-VI .
3.3.	Measures to Fugitive Emission Control	• Various measures have been taken for Fugitive emission control like • Use of closed loop handling system • Solvent storage tanks connected with vent condensers with child brine circulation • Provision of breather valve cum flame arrestor on solvent tanks • Provision of exhaust ventilation • Routine & periodic inspection to check leakage • Preventive maintenance, follow SOP for maintenance • Pumps & motors mechanical seal type • Unloading through pipeline to tank in a closed system.

4.0	Management of wastewater	• The unit has an ETP and has installed a Reverse Osmosis Plant. • The reject from the RO is treated in the MEE Of the sister concern unit Aarti Industries Ltd. (Organic Division XGN ID 22991). • The fresh water used is only from the GIDC supply. • Ground water recharge of the rain water is not allowed in the GIDC area. However the unit has installed a roof top rainwater harvesting system. • The unit has installed a (Soil Bed Technology (SBT) based Sewage treatment plant. The treated sewage is used for gardening purposes.
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		• The reject from the RO is treated in the MEE Of the sister concern unit Aarti Industries Ltd. (Organic Division XGN ID 22991). • The fresh water used is only from the GIDC supply. • Ground water recharge of the rain water is not allowed in the GIDC area. However the unit has installed a roof top rainwater harvesting system. • The unit has installed a (Soil Bed Technology (SBT) based Sewage treatment plant. The treated sewage is used for gardening purposes.
5.0	Management of Noise Environment	• Acoustic enclosures are provided for DG's • The unit has adopted good engineering practices like having timely Preventive Maintenance schedules to ensure the unit is in good mechanical health. • Provision of PPE • The unit has developed Green belt on the periphery for noise abatement • Regular noise level monitoring of different places within and outside premises
6.0	Management of solvent recovery	• Autoclaves are connected to a chilled brine condenser system. • The condensers are provided with sufficient HTA and residence time so as to achieve more than 95-96 % recovery. • Solvent handling pumps are provided with double mechanical seal type to prevent leakages. • Double earthing is provided in all the electrical equipment wherever solvent handling is done. • All electrical equipment in the plant where solvents are used will be flame proof. The solvent storage tanks are provided with a

		breather valve to prevent vapour losses.
7.0	Management of Hazardous Waste	• The paper, plastic, and insulation waste is being handed over to the authorized TSDF side for further handling and disposal. • The Fly ash waste is being handed over to authorized brick manufacturer • Hazardous waste is being stored in a proper storage room with a proper roof and impervious flooring. It is disposed off to authorized TSDF or CHWIF for final disposal. • Hazardous waste will be stored separately in dry & covered places with the RCC platform. There will be provision of a separate storage area of 620 sq.m. • Forklift truck is used in shifting, loading and unloading operations for hazardous waste to minimize manual handling of hazardous waste. • Necessary PPE is provided to workers while handling hazardous waste.
8.0	Energy Conservation measures	• The unit is purchasing energy efficient appliances. • The unit is constantly monitoring energy consumption and defining targets for energy conservation. • Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. • Providing economizers in boilers to utilize heat. • Condensate recovery is being carried out and will be sent back to the boiler. • Proper temperature controls will be provided to reduce load on heating systems. • Recycling of water will be done
9.0	Water Conservation Programme	The unit uses reclaimed water for non potable application like gardening, lawns • The unit is reducing toilet cistern volume in single flush models. • The unit carries out quick fixing of leaking taps, pipes and toilet cisterns; Sweep with a broom and pan is carried out wherever possible, rather than using water in a hose • The unit is installing sub-meters on key areas of water use. As more data is generated about water use, control measures can be initiated.



Ref. No.: AARTI/VAPI/ENV/AMN/2025-2026/008

Date:20.05.2025

To,
Deputy Director General,
Forest (Central) Regional Office - Gandhinagar,
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010.

Subject: Half-yearly environment clearance conditions compliance report for the period Oct 2024 to March 2025.

Ref. : EC No. J-11011/162/2016-IA II (I) dated 15.01.2018.

Respected Sir,

With reference to the above subject we are submitting the Compliance Report (Monitoring period Oct 2024 to March 2025. as per condition (xv) of the general conditions as mentioned in environmental clearance letter no. J-11011/162/2016-IA II (I) dated 15th January 2018 for our project 'Expansion in manufacturing of Synthetic Organic Chemicals by M/s. Aarti Industries Limited (Amine Division) at the plot no.285, 286/1, A-1-322/12, 23 & 24, Phase II, GIDC Estate, Vapi, Tal: Pardi, Dist: Valsad, Gujarat. The compliance report is supported with the required attachments.

Thank you.

Yours Faithfully,

For Aarti Industries Limited (Amine Division)


Authorized Signatory

COPY TO

1) Email to
Central Pollution Control Board,
Vadodara,

2)Email to SEIAA, Gujarat

3) The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector – 10 / A
Gandhinagar – 382010

4)Uploaded in Parivesh, MoEF&CC
Portal

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

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

Factory : Amine Division, Plot No. 285, 286/1, A1/322/12.23.24, II nd Phase, GIDC Vapi - 396195, Dist - Valsad.

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

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

મત્સ્ય સમાચાર

રવિવારે પારડીમાં બાળવિકાસ અને કાર્યક્રમ યોજાયા ઉપરાંત બીજા કાર્યક્રમો પણ આયોજાયા

અહીંના રાજ્ય સરકારના મત્સ્ય સમાચારના અગ્રણી સંપાદક શ્રી રાજેન્દ્રભાઈ પટેલે આજે રવિવારે પારડીમાં બાળવિકાસ અને કાર્યક્રમ યોજાયા ઉપરાંત બીજા કાર્યક્રમો પણ આયોજાયા

કર્મી લાલુચી પંચાયત દિન વિશેષે રાત્રે હાર્દિક શુભકામના



શ્રી રાજેન્દ્રભાઈ પટેલ
અધ્યક્ષશ્રી સભાગ્રામ



શ્રી રાજેન્દ્રભાઈ પટેલ
અધ્યક્ષશ્રી સભાગ્રામ

સભાગ્રામ - ભરૂચના પટેલ
સભાગ્રામ પંચાયતના સભાગ્રામ
સભાગ્રામના રાજ્ય સરકારના મત્સ્ય સમાચારના અગ્રણી સંપાદક શ્રી રાજેન્દ્રભાઈ પટેલે આજે રવિવારે પારડીમાં બાળવિકાસ અને કાર્યક્રમ યોજાયા ઉપરાંત બીજા કાર્યક્રમો પણ આયોજાયા

સભાગ્રામ ગ્રામ પંચાયત

APCIS LOGISTICS LIMITED



નિવડમલ લિમિટેડ

કર્મી ગણતંત્ર દિનની હાર્દિક શુભકામના
પારડી લાલુચી પંચાયત
વિકાસના ઝડપી કાર્યો સાથે પ્રગતિના પંથે
ગીતાબેન મુકેશભાઈ પટેલ સતીષભાઈ પટેલ
(પ્રમુખ) (ઉપપ્રમુખ)
કેનિલાબેન પટેલ ભારતભાઈ પટેલ
(કાર્યવાહી અધ્યક્ષ) (વ્યાજ સમિતિ અધ્યક્ષ)
સહા અમીય સદસ્યો

કર્મી ગણતંત્ર દિને સર્વે ગ્રામજનો અને તાગરિકોને હાર્દિક શુભકામના
નિયમિત કરવેરા ભરો ન્યાય-મરણની નોંધણી સમયસર કરવો

મલીઠા ગ્રામપંચાયત



શ્રી રાજેન્દ્રભાઈ પટેલ
અધ્યક્ષશ્રી સભાગ્રામ



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અધ્યક્ષશ્રી સભાગ્રામ

મહાલક્ષ્મી જ્યોતિષ
M. 99780 90497
શુભકાર્યો કરાવવાની સેવાઓ
શ્રી રાજેન્દ્રભાઈ પટેલે આજે રવિવારે પારડીમાં બાળવિકાસ અને કાર્યક્રમ યોજાયા ઉપરાંત બીજા કાર્યક્રમો પણ આયોજાયા

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