

Ref. No.: AARTI/VAPI/ENV/ORG/2025-2026/013

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. SEIAA/GUJ/EC/(f)/540/2019 dated: April 10th, 2019.

Respected Sir,

With reference to the above subject, we are submitting the Compliance Report (Monitoring period Oct 2024 to March 2025, as per condition (125) of the general conditions as mentioned in environmental clearance letter no. SEIAA/GUJ/EC/(f)/540/2019 dated: April 10th, 2019 for our project setting up of - 'Expansion in manufacturing of Synthetic Organic Chemicals by M/s. Aarti Industries Limited (Organics Division) at the plot no. 801, 801/23, 806 & 807, Phase III, GIDC Estate, Vapi, Dist: Valsad, Gujarat. The compliance report is supported with the required attachments.

Thank you.

Yours Faithfully,

For Aarti Industries Limited (Organic 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 |

**Compliance to the conditions of the Environment Clearance granted to M/s Aarti Industries Limited
(Organic Division) vide letter No: SEIAA/GUJ/EC/5(f)/540/2019 dated 10.04.2019 for the period of
Oct 2024 to March 2025.**

Sr. No.	Points	Compliance																																																																						
	The proposal is for environmental clearance to M/S Aarti Industries Ltd. (Organic Division) for setting up of expansion in manufacturing of 'Synthetic Organic Chemicals' at Plot No. 801,801/23, 806 and 807, Phase III, GIDC EState, Vapi, Dist:-Valsad, Gujarat - 396195. It is an existing unit manufacturing following products, which falls in the category 5 (f) of the schedule of EIA Notification - 2006. <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Name of the Product</th><th>Quantity (MT/Month)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Para Nitro Chloro Benzene (PNCB)</td><td rowspan="3">9000 (Either/or)</td></tr> <tr> <td>2.</td><td>Ortho Nitro Chloro Benzene (ONCB)</td></tr> <tr> <td>3.</td><td>Meta Nitro Chloro Benzene (MNCB)</td></tr> <tr> <td>4.</td><td>2,5 Dichloro Nitro Benzene (2,5 DCNB)</td><td rowspan="8">1500(Either/Or)</td></tr> <tr> <td>5.</td><td>3,4 Dichloro Nitro Benzene (3,4 DCNB)</td></tr> <tr> <td>6.</td><td>2,3 Dichloro Nitro Benzene (2,3 DCNB)</td></tr> <tr> <td>7.</td><td>2,4 Dichloro Nitro Benzene (2,4 DCNB)</td></tr> <tr> <td>8.</td><td>2,6 Dichloro Nitro Benzene (2,6 DCNB)</td></tr> <tr> <td>9.</td><td>2,3,4 Trichloro Nitrobenzene (2,3,4 TCNB)</td></tr> <tr> <td>10.</td><td>2,4,5 Trichloro Nitrobenzene (2,4,5 TCNB)</td></tr> <tr> <td>11.</td><td>2,4 Dichloro 3 Fluoro Nitrobenzene</td></tr> <tr> <td>12.</td><td>2,4 Dinitro Chloro Benzene (DNCB)</td><td>1500 (Either/Or)</td></tr> <tr> <td>13.</td><td>Mono Chloro Benzene</td><td>8000 (Either/Or)</td></tr> </tbody> </table>	Sr. No.	Name of the Product	Quantity (MT/Month)	1.	Para Nitro Chloro Benzene (PNCB)	9000 (Either/or)	2.	Ortho Nitro Chloro Benzene (ONCB)	3.	Meta Nitro Chloro Benzene (MNCB)	4.	2,5 Dichloro Nitro Benzene (2,5 DCNB)	1500(Either/Or)	5.	3,4 Dichloro Nitro Benzene (3,4 DCNB)	6.	2,3 Dichloro Nitro Benzene (2,3 DCNB)	7.	2,4 Dichloro Nitro Benzene (2,4 DCNB)	8.	2,6 Dichloro Nitro Benzene (2,6 DCNB)	9.	2,3,4 Trichloro Nitrobenzene (2,3,4 TCNB)	10.	2,4,5 Trichloro Nitrobenzene (2,4,5 TCNB)	11.	2,4 Dichloro 3 Fluoro Nitrobenzene	12.	2,4 Dinitro Chloro Benzene (DNCB)	1500 (Either/Or)	13.	Mono Chloro Benzene	8000 (Either/Or)	Compiled. The unit has valid consent, AWH – 119480, dtd. 20.06.2022 valid up to 31/03/2029 and CCA amendment for product mix AWH - 132984 valid up to 31/03/2029. The unit has obtained CCA for said EC. Production details for the period October 2024 - march 2025 are attached as <u>ANNEXURE 1.</u> Total production for the period Oct 2024 to March 2025 is as below. <table border="1"> <thead> <tr> <th colspan="3">Total production for period Oct 2024 to March 2025</th></tr> <tr> <th>Name of the Product</th><th>CCA Qty. MT/ 6 month</th><th>Generation Qty MT/6 Month</th></tr> </thead> <tbody> <tr> <td>Para Nitro Chloro Benzene (PNCB)</td><td rowspan="4">63000.00</td><td>30213.0</td></tr> <tr> <td>Ortho Nitro Chloro Benzene (ONCB)</td><td>16335.0</td></tr> <tr> <td>Meta Nitro Chloro Benzene (MNCB)</td><td>302.0</td></tr> <tr> <td>Crude product of Para Nitro Chloro Benzene / Ortho Nitro Chloro Benzene / Meta Nitro Chloro Benzene</td><td>0.0</td></tr> <tr> <td>2,5 Dichloro Nitro Benzene (2,5 DCNB)</td><td rowspan="9">9000.00</td><td>95.00</td></tr> <tr> <td>3,4 Dichloro Nitro benzene (3,4 DCNB)</td><td>0.00</td></tr> <tr> <td>2,3 Dichloro Nitro benzene (2,3 DCNB)</td><td>0.00</td></tr> <tr> <td>2,4 Dichloro Nitro Benzene (2,4 DCNB)</td><td>514.00</td></tr> <tr> <td>2,6 Dichloro Nitro Benzene (2,6 DCNB)</td><td>16.00</td></tr> <tr> <td>2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)</td><td>1277.00</td></tr> <tr> <td>2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)</td><td>777.00</td></tr> <tr> <td>2,4 Dichloro 3 Fluoro Nitrobenzene</td><td>0.00</td></tr> <tr> <td>Crude product of 2,5 Dichloro Nitro Benzene / 3,4 Dichloro Nitro Benzene / 2,3 Dichloro Nitro Benzene / 2,4 Dichloro Nitro Benzene / 2,6 Dichloro Nitro Benzene.</td><td>0.00</td></tr> <tr> <td>2,4 Dinitro Chloro Benzene (2,4 DNCB)</td><td>9000.00</td><td>3853.0</td></tr> </tbody> </table>	Total production for period Oct 2024 to March 2025			Name of the Product	CCA Qty. MT/ 6 month	Generation Qty MT/6 Month	Para Nitro Chloro Benzene (PNCB)	63000.00	30213.0	Ortho Nitro Chloro Benzene (ONCB)	16335.0	Meta Nitro Chloro Benzene (MNCB)	302.0	Crude product of Para Nitro Chloro Benzene / Ortho Nitro Chloro Benzene / Meta Nitro Chloro Benzene	0.0	2,5 Dichloro Nitro Benzene (2,5 DCNB)	9000.00	95.00	3,4 Dichloro Nitro benzene (3,4 DCNB)	0.00	2,3 Dichloro Nitro benzene (2,3 DCNB)	0.00	2,4 Dichloro Nitro Benzene (2,4 DCNB)	514.00	2,6 Dichloro Nitro Benzene (2,6 DCNB)	16.00	2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)	1277.00	2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)	777.00	2,4 Dichloro 3 Fluoro Nitrobenzene	0.00	Crude product of 2,5 Dichloro Nitro Benzene / 3,4 Dichloro Nitro Benzene / 2,3 Dichloro Nitro Benzene / 2,4 Dichloro Nitro Benzene / 2,6 Dichloro Nitro Benzene.	0.00	2,4 Dinitro Chloro Benzene (2,4 DNCB)	9000.00	3853.0
Sr. No.	Name of the Product	Quantity (MT/Month)																																																																						
1.	Para Nitro Chloro Benzene (PNCB)	9000 (Either/or)																																																																						
2.	Ortho Nitro Chloro Benzene (ONCB)																																																																							
3.	Meta Nitro Chloro Benzene (MNCB)																																																																							
4.	2,5 Dichloro Nitro Benzene (2,5 DCNB)	1500(Either/Or)																																																																						
5.	3,4 Dichloro Nitro Benzene (3,4 DCNB)																																																																							
6.	2,3 Dichloro Nitro Benzene (2,3 DCNB)																																																																							
7.	2,4 Dichloro Nitro Benzene (2,4 DCNB)																																																																							
8.	2,6 Dichloro Nitro Benzene (2,6 DCNB)																																																																							
9.	2,3,4 Trichloro Nitrobenzene (2,3,4 TCNB)																																																																							
10.	2,4,5 Trichloro Nitrobenzene (2,4,5 TCNB)																																																																							
11.	2,4 Dichloro 3 Fluoro Nitrobenzene																																																																							
12.	2,4 Dinitro Chloro Benzene (DNCB)	1500 (Either/Or)																																																																						
13.	Mono Chloro Benzene	8000 (Either/Or)																																																																						
Total production for period Oct 2024 to March 2025																																																																								
Name of the Product	CCA Qty. MT/ 6 month	Generation Qty MT/6 Month																																																																						
Para Nitro Chloro Benzene (PNCB)	63000.00	30213.0																																																																						
Ortho Nitro Chloro Benzene (ONCB)		16335.0																																																																						
Meta Nitro Chloro Benzene (MNCB)		302.0																																																																						
Crude product of Para Nitro Chloro Benzene / Ortho Nitro Chloro Benzene / Meta Nitro Chloro Benzene		0.0																																																																						
2,5 Dichloro Nitro Benzene (2,5 DCNB)	9000.00	95.00																																																																						
3,4 Dichloro Nitro benzene (3,4 DCNB)		0.00																																																																						
2,3 Dichloro Nitro benzene (2,3 DCNB)		0.00																																																																						
2,4 Dichloro Nitro Benzene (2,4 DCNB)		514.00																																																																						
2,6 Dichloro Nitro Benzene (2,6 DCNB)		16.00																																																																						
2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)		1277.00																																																																						
2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)		777.00																																																																						
2,4 Dichloro 3 Fluoro Nitrobenzene		0.00																																																																						
Crude product of 2,5 Dichloro Nitro Benzene / 3,4 Dichloro Nitro Benzene / 2,3 Dichloro Nitro Benzene / 2,4 Dichloro Nitro Benzene / 2,6 Dichloro Nitro Benzene.		0.00																																																																						
2,4 Dinitro Chloro Benzene (2,4 DNCB)	9000.00	3853.0																																																																						

14.	Ortho Dichlorobenzene (ODCB)	
15.	Para Dichloro Benzene(PDCB)	
16.	Meta Dichlorobenzene (MDCB)	
17.	(1,2,3 Tri Chloro Benzene (1,2,4 TCB)	
18.	1,2,3 Tri Chloro Benzene (1,2,3 TCB)	
19.	Trichloroaniline (TCAN)	
20.	Ortho Anisidine	30
21.	Para Anisidine	20
22.	Dichloro Aniline	50
23.	2,5 Dichloro Aniline	35
24.	3,4 Dichloro Aniline	15
25.	Ortho Chloro Aniline	10
26.	P - PhenyleneDiamine	25
27.	O - PhenyleneDiamine	225
28.	OCPNA / PCGNA	100
29.	Ortho Nitro Aniline (ONA)/Para Nitro Aniline (PNA)	150
30.	ONCB Para Sulphonic Acid	25
31.	3,3 Dichlorobenzidine Sulphate	10
32.	Dilute Sulphuric Acid	1441

2,6 Dinitro Chloro Benzene (2,6 DNCB)		0.0
Mixture of Dinitro Chloro Benzene (DNCB)		0.0
Mono Chloro Benzene (MCB)		32564.0
Ortho Dichloro Benzene (ODCB)		0.0
Para Dichloro Benzene (PDCB)		0.0
Meta Dichloro Benzene (MDCB)		0.0
1,2,4 Tri Chloro Benzene (1,2,4 TCB) NOT MORE THAN 1000 M	50400.00	0.0
1,2,3 Tri Chloro Benzene (1,2,3 TCB) NOT MORE THAN 1000 M		0.0
Trichloroaniline (TCAN)		0.0
Crude Product of Ortho Dichloro Benzene / Para Dichloro Benzene / Meta Dichloro Benzene		4269.0
Dilute Sulphuric Acid	8646.00	0.0
Physical separation by crystallization		
Para Dichloro Benzene	6000.00	3172.0
Mixture of Dichloro Benzene	8550.00	0.0

Production Quantity is well within CCA limit.

	The project activity is covered in 5 (f) and is of 'B' Category. Since the proposed project is located in a notified industrial area, public consultation is not required as per paragraph 7 (i)(III)(i)(b) of the environment impact assessment notification - 2008. The SEAC, Gujarat vide their letter dated 05/03/2019 has recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above - mentioned project based on its meeting held on 06/02/2019. The proposal was considered by SEIAA, Gujarat in its meeting held on 07/03/2019 at gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.	Noted.
--	---	--------

CONDITIONS

A.1 SPECIFIC CONDITIONS

1	Manufacturing of 1,2,4 TCB, 1,2,3 TCB, TCAN shall not exceed 1000 MT/Month.	Complied. The unit has not manufactured 1,2,4 TCB, 1,2,3 TCB, TCAN above the quantity of 1000 MT/Month. Average Production of this product from Oct 2024 to March 2025 is 0 MT The last six month production data is attached as <u>ANNEXURE 1.</u>										
2	Unit shall install an online continuous monitoring system for VOC as per CPCB guidelines.	Complied . The unit has installed Benzene detection sensors. The unit is also monitoring VOCs by MoEF and CC approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). All the parameters are below detectable limits. Reports attached as <u>ANNEXURE 2.</u> VOC analyzed for the period Oct 2024 to March 2025 is as below. <table><tr><td colspan="2">The summarized average for the period October 2024 to March 2025</td></tr><tr><td>BN Plant</td><td>BDL</td></tr><tr><td>MCB Plant</td><td>BDL</td></tr><tr><td>NCB Plant</td><td>BDL</td></tr><tr><td>DNCB Plant</td><td>BDL</td></tr></table>	The summarized average for the period October 2024 to March 2025		BN Plant	BDL	MCB Plant	BDL	NCB Plant	BDL	DNCB Plant	BDL
The summarized average for the period October 2024 to March 2025												
BN Plant	BDL											
MCB Plant	BDL											
NCB Plant	BDL											
DNCB Plant	BDL											

		*BDL - Below Detection Limit
3	The project proponent must strictly adhere to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.	Complied. The unit strictly adheres to the stipulation made by the Gujarat Pollution Control Board, for existing CCA AWH - 119480, dtd. 20.06.2022 valid up to 31/03/2029, and CCA amendment AWH - 132984 valid up to 31/03/2029. CCA Compliance is attached as ANNEXURE - 14.

4

The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be complied with.

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 doing ambient air quality monitoring weekly twice by MoEF and CC approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat).

Results are well within limits as per National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009.

The report for the same has been attached as ANNEXURE -3.

Ambient air monitoring data for the period Oct 2024 to March 2025 is as below.

AMBIENT AIR MONITORING (all values in µg/m ³) For period Oct 2024 to March 2025					
MONTH	LOCATION	PM 10	PM 2.5	SO ₂	NO ₂
Permissible GPCB Limits		100	60	80	80
October 2024	SECURITY GATE-1	63.6	28.7	25.3	31.2
	SECURITY GATE-2	64.7	28.8	25.6	31.7
	Near ETP	63.3	29.7	26.1	32.2
November 2024	SECURITY GATE-1	73.5	35.1	32.3	37.8
	SECURITY GATE-2	72.7	33.7	30.2	37
	Near ETP	63.3	29.7	26.1	32.2
December 2024	SECURITY GATE-1	81.9	41.1	36.6	45.8
	SECURITY GATE-2	79.8	38.5	34.8	42.7
	Near ETP	82.6	41.2	36.8	45.8
January 2025	SECURITY GATE-1	84	40.1	36.2	44.4
	SECURITY GATE-2	81.4	38.9	34.9	43.3

		<table><tr><td></td><td>Near ETP</td><td>81.6</td><td>38.9</td><td>34.9</td><td>43.4</td></tr><tr><td rowspan="3">February 2025</td><td>SECURITY GATE-1</td><td>82.6</td><td>39.5</td><td>31.5</td><td>44.5</td></tr><tr><td>SECURITY GATE-2</td><td>79.3</td><td>37.8</td><td>30.5</td><td>44.6</td></tr><tr><td>Near ETP</td><td>81.5</td><td>38.9</td><td>30.4</td><td>43.2</td></tr><tr><td rowspan="3">March 2025</td><td>SECURITY GATE-1</td><td>80.1</td><td>37.9</td><td>31.1</td><td>44.6</td></tr><tr><td>SECURITY GATE-2</td><td>81.2</td><td>39.2</td><td>32.6</td><td>45.6</td></tr><tr><td>Near ETP</td><td>74.9</td><td>35.3</td><td>28.9</td><td>41.6</td></tr></table> All results are well within limits.		Near ETP	81.6	38.9	34.9	43.4	February 2025	SECURITY GATE-1	82.6	39.5	31.5	44.5	SECURITY GATE-2	79.3	37.8	30.5	44.6	Near ETP	81.5	38.9	30.4	43.2	March 2025	SECURITY GATE-1	80.1	37.9	31.1	44.6	SECURITY GATE-2	81.2	39.2	32.6	45.6	Near ETP	74.9	35.3	28.9	41.6
	Near ETP	81.6	38.9	34.9	43.4																																			
February 2025	SECURITY GATE-1	82.6	39.5	31.5	44.5																																			
	SECURITY GATE-2	79.3	37.8	30.5	44.6																																			
	Near ETP	81.5	38.9	30.4	43.2																																			
March 2025	SECURITY GATE-1	80.1	37.9	31.1	44.6																																			
	SECURITY GATE-2	81.2	39.2	32.6	45.6																																			
	Near ETP	74.9	35.3	28.9	41.6																																			
5	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	Complied. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608 (E) dated 21/07/2010 and amended from time to time is being followed for existing CCA and its subsequent amendments.																																						
6	Unit shall provide a Continuous Emission Monitoring System [CEMS] and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be accessible by the GPCB on a real time basis.	Complied. The unit has provided CEMS as per CPCB / GPCB guidelines. Unit has installed a TOC meter, Magnetic Flow meter and Camera at the discharge point of ETP which is connected to GPCB and CPCB Server.																																						
7	Unit shall take all the safety precautions as per the prevailing Rules/Guidelines.	Complied. Unit is taking all the safety precautions as per the prevailing Rules/Guidelines.																																						
8	Unit shall adopt automation systems along with high safety measures for the Nitration and Chlorination process.	Complied. Unit has adopted an automation system DCS for the Nitration and Chlorination process with all safety measures.																																						
9	Close loop solvent recovery systems with adequate condenser systems shall be provided to recover solvent vapors in such a manner that recovery shall not be less than 98 percent and recovered solvent shall be reused in the process within premises.	Complied. Unit is not using any solvents currently. Benzene, our primary raw material, is being handled through a closed loop system.																																						
10	Entire quantity of Spent Solvent (83.12 MT/Month) generated from the manufacturing process shall be distilled and re-used within the premises.	Complied. Unit is not using any solvents currently, and hence, no spent solvent is being generated at present.																																						

11	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines.	Complied. Leak Detection and Repair (LDAR) program is implemented as per CPCB guidelines.																											
12	Priority for disposal of Off Distillation residue and spent carbon shall be Co-processing in Cement industries and then disposal at CHWIF.	Complied. The unit has explored the possibility of co-processing as our residues come from a chlorination process which is not qualified for cement industries. We are disposing in CHWIF. And we are sending it to Pre-processing.																											
13	Generation of spent Sulphuric Acid 70 Percentage (21488 MTPM) from the manufacturing of PNCB, 2,3,4 TCNB/2,4,5 TCNB, 2, 4 DNCB, 3,3 DiChloroBenzidine Sulphate shall not exceed 21488 MTPM. Out of which 14, 834 MT/month sulphuric acid shall be reused in PNCB and 2,5 DCNB and remaining 6654 MT/Month(79,848 MT/Annum) sulphuric acid shall be sold out to actual end users having rule-9 permission under the HW Rules 2016.	Complied. Generation of spent Sulfuric Acid 70 Percentage from the manufacturing of PNCB, 2,3,4 TCNB/2,4,5 TCNB, 2, 4 DNCB, 3,3 DiChloroBenzidine Sulphate is not exceeding the limit. The unit is selling spent sulphuric acid to actual end users having rule-9 permission under the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016. <table border="1"> <thead> <tr> <th colspan="3">Spent Sulfuric acid generated and disposed during period Oct 2024 to March 2025</th></tr> <tr> <th>Month</th><th>Generated in MT</th><th>Disposed in MT</th></tr> </thead> <tbody> <tr> <td>October 24</td><td>1164.87</td><td>1164.87</td></tr> <tr> <td>November 24</td><td>884.14</td><td>884.14</td></tr> <tr> <td>December 24</td><td>1288.30</td><td>1288.30</td></tr> <tr> <td>January 25</td><td>1279.46</td><td>1279.46</td></tr> <tr> <td>February 25</td><td>946.86</td><td>946.86</td></tr> <tr> <td>March 25</td><td>722.98</td><td>722.98</td></tr> <tr> <td>Total Quantity</td><td>6284.61</td><td>6284.61</td></tr> </tbody> </table> Quantity well within CCA limit	Spent Sulfuric acid generated and disposed during period Oct 2024 to March 2025			Month	Generated in MT	Disposed in MT	October 24	1164.87	1164.87	November 24	884.14	884.14	December 24	1288.30	1288.30	January 25	1279.46	1279.46	February 25	946.86	946.86	March 25	722.98	722.98	Total Quantity	6284.61	6284.61
Spent Sulfuric acid generated and disposed during period Oct 2024 to March 2025																													
Month	Generated in MT	Disposed in MT																											
October 24	1164.87	1164.87																											
November 24	884.14	884.14																											
December 24	1288.30	1288.30																											
January 25	1279.46	1279.46																											
February 25	946.86	946.86																											
March 25	722.98	722.98																											
Total Quantity	6284.61	6284.61																											
14	Entire quantity of Hydrochloric Acid 30 Percentage (13203 MTPM) generated from the manufacturing of PDCB/ODCB/MDCB shall be sold out to actual end users having Rule 9 permission under the HW Rules 2016.	Complied. Entire quantity of Hydrochloric Acid 30 Percentage generated from the manufacturing of PDCB/ODCB/MDCB is sold out only to actual end users having Rule 9 permission under the HW Rules 2016. The unit is selling spent Hydrochloric Acid 30 Percentage to actual end users having rule-9 permission under the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016. <table border="1"> <thead> <tr> <th colspan="3">HCl generated and disposed during period Oct 2024 to March 2025</th></tr> <tr> <th>Month</th><th>Generated in MT</th><th>Disposed in MT</th></tr> </thead> <tbody> </tbody> </table>	HCl generated and disposed during period Oct 2024 to March 2025			Month	Generated in MT	Disposed in MT																					
HCl generated and disposed during period Oct 2024 to March 2025																													
Month	Generated in MT	Disposed in MT																											

		<table> <tr> <th></th><th></th><th>Permitted Qty 13283 MT / Month</th></tr> <tr> <td>October 24</td><td>3848.85</td><td>3850.25</td></tr> <tr> <td>November 24</td><td>3629.60</td><td>3631.6</td></tr> <tr> <td>December 24</td><td>4402.39</td><td>4403.59</td></tr> <tr> <td>January 25</td><td>2427.51</td><td>2429.31</td></tr> <tr> <td>February 25</td><td>3315.94</td><td>3317.94</td></tr> <tr> <td>March 25</td><td>2303.83</td><td>2304.93</td></tr> <tr> <td>Total Quantity</td><td>19928.12</td><td>19937.62</td></tr> </table> Quantity well within CCA limit			Permitted Qty 13283 MT / Month	October 24	3848.85	3850.25	November 24	3629.60	3631.6	December 24	4402.39	4403.59	January 25	2427.51	2429.31	February 25	3315.94	3317.94	March 25	2303.83	2304.93	Total Quantity	19928.12	19937.62
		Permitted Qty 13283 MT / Month																								
October 24	3848.85	3850.25																								
November 24	3629.60	3631.6																								
December 24	4402.39	4403.59																								
January 25	2427.51	2429.31																								
February 25	3315.94	3317.94																								
March 25	2303.83	2304.93																								
Total Quantity	19928.12	19937.62																								
15	Entire quantity of Aq. Sodium Thiosulphate (136.5 MTPM) generated from the manufacturing of PPDA and OPDA shall be sold out to actual users having Rule 9 permission under the HW Rules 2016.	Complied. Currently the unit is not manufacturing PPDA and OPDA at present, thus Aq. Sodium Thiosulphate is not being generated. However, the Unit undertakes that we will sell all generated Aq. Sodium Thiosulphate to actual users having Rule 9 permission under the HW Rules 2016.																								
16	Dilute sulphuric acid reception from M/s. Aarti Industries Ltd. (Alchemie Organic Div.) (21600 MTPA) and M/s. Apex Pharma Chem Pvt. Ltd. (7500 MTPA) and sent to acid concentration plant and concentrate acid shall be sent for SSP manufacturing and distilled water to parent companies under Rule 9 permission under the HW Rules 2016.	Complied. Received Dilute sulphuric acid from M/s. Aarti Industries Ltd. (Alchemie organic Div.) and M/s. Apex Pharma Chem Pvt. Ltd. sent to the acid concentration plant and concentrate is being sent to Single Super Phosphate (SSP) manufacturing at Aarti Fertilizer (A Division of Aarti Industries Ltd.) and distilled water to parent companies under Rule 9 permission under the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016. Spent H2SO4 received for the period Oct 2024 to March 2025 is as below. <table> <tr> <th colspan="3">Spent Sulfuric acid Received during period Oct 2024 to March 2025 in MT/Month</th></tr> <tr> <th>Month</th><th>Aarti Industries Ltd. (Alchemie Organic Div.)</th><th>Apex Pharma Chem</th></tr> <tr> <td>October 24</td><td>577.09</td><td>377.06</td></tr> <tr> <td>November 24</td><td>506.49</td><td>413.59</td></tr> <tr> <td>December 24</td><td>550.65</td><td>483.01</td></tr> <tr> <td>January 25</td><td>554.41</td><td>326.07</td></tr> <tr> <td>February 25</td><td>405.43</td><td>314.88</td></tr> <tr> <td>March 25</td><td>363.37</td><td>196.84</td></tr> </table>	Spent Sulfuric acid Received during period Oct 2024 to March 2025 in MT/Month			Month	Aarti Industries Ltd. (Alchemie Organic Div.)	Apex Pharma Chem	October 24	577.09	377.06	November 24	506.49	413.59	December 24	550.65	483.01	January 25	554.41	326.07	February 25	405.43	314.88	March 25	363.37	196.84
Spent Sulfuric acid Received during period Oct 2024 to March 2025 in MT/Month																										
Month	Aarti Industries Ltd. (Alchemie Organic Div.)	Apex Pharma Chem																								
October 24	577.09	377.06																								
November 24	506.49	413.59																								
December 24	550.65	483.01																								
January 25	554.41	326.07																								
February 25	405.43	314.88																								
March 25	363.37	196.84																								

		<table><tr><td>TOTAL</td><td>2957.44</td><td>2111.45</td></tr></table> All are well within limits. Sulphuric acid sent to the Aarti fertilizer (A Division of Aarti industries), XGN ID 22983, of SSP plant, month wise data is as below. <table><tr><th colspan="2">Sulphuric Acid sent to SSP for the period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Quantity in MT</th></tr><tr><td>October 2025</td><td>983</td></tr><tr><td>November 2025</td><td>1687</td></tr><tr><td>December 2025</td><td>814</td></tr><tr><td>January 2025</td><td>1157</td></tr><tr><td>February 2025</td><td>372</td></tr><tr><td>March 2025</td><td>642</td></tr></table> All are well within the limit. Condensate is being sent back to the parent industry.	TOTAL	2957.44	2111.45	Sulphuric Acid sent to SSP for the period Oct 2024 to March 2025		Month	Quantity in MT	October 2025	983	November 2025	1687	December 2025	814	January 2025	1157	February 2025	372	March 2025	642
TOTAL	2957.44	2111.45																			
Sulphuric Acid sent to SSP for the period Oct 2024 to March 2025																					
Month	Quantity in MT																				
October 2025	983																				
November 2025	1687																				
December 2025	814																				
January 2025	1157																				
February 2025	372																				
March 2025	642																				
17	Above mentioned items/ wastes and all the by-products mentioned above qualify the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendment time to time shall only be sold after obtaining prior permission from CPCB/SPCB/PCC.	Complied. The unit has ensured that all by-products mentioned above qualify the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendment time to time and It is being sold after obtaining prior permission from SPCB.																			
18	The above-mentioned wastes shall be sold only to the potential users who are authorized by the competent authority (MoEF and CC/CPCB/ SPCB etc.)	Complied. The unit is selling the above-mentioned waste only to the potential users who are authorized by the competent authority (MoEF and CC/CPCB/ SPCB etc.)																			
19	The unit shall submit the list of authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production. In absence of potential buyers of these items, the unit shall restrict the production of respective items.	Complied. The unit has submitted the list of authorized end users of above mentioned wastes during the obtaining CCA. List of Authorized parties is attached herewith as ANNEXURE- 4.																			

20	Unit shall provide a Continuous Emission Monitoring System [CEMS] and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be accessible by the GPCB on a real time basis.	Complied. Unit's installed the CEMS as per CPCB/GPCB guideline and real time data is connected to CPCB/GPCB website. TOC meter, Magnetic Flow meter and Camera are installed at the discharge point of ETP which is connected to GPCB and CPCB Server. Screenshots of CEMS are attached in ANNEXURE- 18.																											
21	All measures shall be taken to prevent soil and groundwater contamination.	Complied. Unit has taken all measures to prevent soil and groundwater contamination. The unit has provided adequate primary and secondary containment at all process areas and storage tanks. All process areas are constructed of impervious RCC and surrounded by concrete dyke walls. Unit has also provided separate storm water drains apart from process water drains, to prevent stormwater contamination. All the chemicals and solvents are being transferred into a closed loop system only.																											
22	Unit shall adopt zero liquid discharge for the proposed additional quantity of waste water due to proposed expansion and maintain the existing discharge of 150 KLD to C.E.T.P. of M/s. Vapi Green Enviro Ltd. for further treatment.	Complied. Unit has adapted ZLD for additional quantities of waste water due to expansion, keeping existing wastewater generated quantity 150 KLD discharge to CETP of M/s. Vapi Green Enviro Ltd. for further treatment. <table border="1"> <thead> <tr> <th colspan="3">WasteWater Discharged in KL for period of Oct 2024 to March 2025</th></tr> <tr> <th>Month</th><th>Discharge Quantity in KL</th><th>Daily Average in KL (Prescribed Limit 150 KL/D)</th></tr> </thead> <tbody> <tr> <td>October 24</td><td>4626</td><td>149.22</td></tr> <tr> <td>November 24</td><td>4465</td><td>148.83</td></tr> <tr> <td>December 24</td><td>4466</td><td>144.70</td></tr> <tr> <td>January 25</td><td>4603</td><td>148.47</td></tr> <tr> <td>February 25</td><td>4173</td><td>149.01</td></tr> <tr> <td>March 25</td><td>4620</td><td>149.01</td></tr> <tr> <td colspan="2">Prescribed Limit/Day</td><td>150 KLD</td></tr> </tbody> </table> All quantities are well within the limit.	WasteWater Discharged in KL for period of Oct 2024 to March 2025			Month	Discharge Quantity in KL	Daily Average in KL (Prescribed Limit 150 KL/D)	October 24	4626	149.22	November 24	4465	148.83	December 24	4466	144.70	January 25	4603	148.47	February 25	4173	149.01	March 25	4620	149.01	Prescribed Limit/Day		150 KLD
WasteWater Discharged in KL for period of Oct 2024 to March 2025																													
Month	Discharge Quantity in KL	Daily Average in KL (Prescribed Limit 150 KL/D)																											
October 24	4626	149.22																											
November 24	4465	148.83																											
December 24	4466	144.70																											
January 25	4603	148.47																											
February 25	4173	149.01																											
March 25	4620	149.01																											
Prescribed Limit/Day		150 KLD																											

A.2 WATER

23	Total water requirement for the project shall not exceed 898 KL/day. Unit shall reuse treated RO permeate (58 KLD) and filtered steam (60 KLD) for cooling tower. Hence, fresh water requirement for the project shall not exceed 780 KL/day and it all be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.	Complied. Total water requirement for the project is not being exceeded than 947 KL/day. Unit is reusing treated RO permeate and filtered steam for cooling towers. Hence, fresh water requirement is not exceeding 732 KL/day and it is completely met through GIDC water supply only. Prior permission from GIDC for water withdrawal is obtained. Fresh water consumption and recycled water data is given below for this period (Oct 2024 to March 2025) is as below.																																				
23	Total water requirement for the project shall not exceed 898 KL/day. Unit shall reuse treated RO permeate (58 KLD) and filtered steam (60 KLD) for cooling tower. Hence, fresh water requirement for the project shall not exceed 780 KL/day and it all be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.	<table><tr><th colspan="4">Total fresh water consumption break up for period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Avg fresh water Consumption (KLD)</th><th>Avg recycled water Consumption (KLD)</th><th>Avg Total water Consumption (KLD)</th></tr><tr><td>October 2025</td><td>377.77</td><td>101.58</td><td>479.35</td></tr><tr><td>November 2025</td><td>357.87</td><td>114.60</td><td>472.47</td></tr><tr><td>December 2025</td><td>526.81</td><td>118.84</td><td>645.65</td></tr><tr><td>January 2025</td><td>429.87</td><td>118.35</td><td>548.23</td></tr><tr><td>February 2025</td><td>521.32</td><td>142.75</td><td>664.07</td></tr><tr><td>March 2025</td><td>481.10</td><td>117.61</td><td>598.71</td></tr><tr><td>Prescribed Limit/Day</td><td>732</td><td>215</td><td></td></tr></table> All quantities are well within the limit.	Total fresh water consumption break up for period Oct 2024 to March 2025				Month	Avg fresh water Consumption (KLD)	Avg recycled water Consumption (KLD)	Avg Total water Consumption (KLD)	October 2025	377.77	101.58	479.35	November 2025	357.87	114.60	472.47	December 2025	526.81	118.84	645.65	January 2025	429.87	118.35	548.23	February 2025	521.32	142.75	664.07	March 2025	481.10	117.61	598.71	Prescribed Limit/Day	732	215	
Total fresh water consumption break up for period Oct 2024 to March 2025																																						
Month	Avg fresh water Consumption (KLD)	Avg recycled water Consumption (KLD)	Avg Total water Consumption (KLD)																																			
October 2025	377.77	101.58	479.35																																			
November 2025	357.87	114.60	472.47																																			
December 2025	526.81	118.84	645.65																																			
January 2025	429.87	118.35	548.23																																			
February 2025	521.32	142.75	664.07																																			
March 2025	481.10	117.61	598.71																																			
Prescribed Limit/Day	732	215																																				

24	The industrial effluent generation from the project shall not exceed 212 KL/day.	Complied. The industrial effluent generation from the project is not exceeding 212 KL/day. <table><tr><th colspan="2">Industrial Effluent Generated in KLD for Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Avg. KLD</th></tr><tr><td>October 24</td><td>149.52</td></tr><tr><td>November 24</td><td>149.17</td></tr><tr><td>December 24</td><td>145.00</td></tr><tr><td>January 25</td><td>149.03</td></tr><tr><td>February 25</td><td>149.11</td></tr><tr><td>March 25</td><td>149.35</td></tr><tr><td>Prescribed Limit/Day</td><td>212</td></tr></table> All the quantities are well within the limit.	Industrial Effluent Generated in KLD for Oct 2024 to March 2025		Month	Avg. KLD	October 24	149.52	November 24	149.17	December 24	145.00	January 25	149.03	February 25	149.11	March 25	149.35	Prescribed Limit/Day	212
Industrial Effluent Generated in KLD for Oct 2024 to March 2025																				
Month	Avg. KLD																			
October 24	149.52																			
November 24	149.17																			
December 24	145.00																			
January 25	149.03																			
February 25	149.11																			
March 25	149.35																			
Prescribed Limit/Day	212																			
25	Cooling tower blowdown (60 KLD) and water from acid concentration (42 KLD) shall be subjected to Primary ETP followed by RO system.	Complied. Cooling tower blowdown is being treated into Primary ETP followed by RO system. Wash water from Acid concentrate is being identified and segregated as Low COD high TDS effluent, which is being diverted to Multi Effect Evaporation (MEE) after neutralization.																		
26	RO permeate stream (58 KLD) shall be reused for industrial purpose.	Complied. RO permeate stream is being reused for industrial purposes (Cooling Tower and Utilities). Recycle data are attached in compliance point no. 23																		
27	Effluent from process (100 KLD) and RO reject stream (44 KLD) shall be subjected to MEE.	Complied. Concentrated Effluent from process and RO reject stream is being treated in MEE. Apart from that 40 KLD from sister concern division Aarti industries Ltd. (Amine Division) and 12 KLD from Aarti industries Ltd. (Nascent Division) is being treated here at in-house MEE. For which unit has taken the permission through a valid CCA AWH – 119480 valid up to 31/03/2029 and CCA amendment AWH - 132984 valid up to 31/03/2029. Concentrated effluent received for the period Oct 2024 to March 2025 is as below.																		

		<table><tr><th colspan="4">Concentrated effluent generated and received for period Oct 2024 to March 2025 (Average values)</th></tr><tr><th>Month</th><th>Concentrated stream segregated inhouse KLD</th><th>Received from Amine Division KLD</th><th>Received from Nascent Division KLD</th></tr><tr><td>October 2025</td><td>87.23</td><td>36.59</td><td>0.00</td></tr><tr><td>November 2025</td><td>105.83</td><td>33.81</td><td>0.00</td></tr><tr><td>December 2025</td><td>101.16</td><td>38.48</td><td>0.00</td></tr><tr><td>January 2025</td><td>103.23</td><td>34.88</td><td>0.00</td></tr><tr><td>February 2025</td><td>137.14</td><td>35.65</td><td>0.00</td></tr><tr><td>March 2025</td><td>110.61</td><td>34.26</td><td>0.00</td></tr><tr><td>Prescribed limit</td><td>144</td><td>40</td><td>12</td></tr></table> All quantities are well within the limit.	Concentrated effluent generated and received for period Oct 2024 to March 2025 (Average values)				Month	Concentrated stream segregated inhouse KLD	Received from Amine Division KLD	Received from Nascent Division KLD	October 2025	87.23	36.59	0.00	November 2025	105.83	33.81	0.00	December 2025	101.16	38.48	0.00	January 2025	103.23	34.88	0.00	February 2025	137.14	35.65	0.00	March 2025	110.61	34.26	0.00	Prescribed limit	144	40	12
Concentrated effluent generated and received for period Oct 2024 to March 2025 (Average values)																																						
Month	Concentrated stream segregated inhouse KLD	Received from Amine Division KLD	Received from Nascent Division KLD																																			
October 2025	87.23	36.59	0.00																																			
November 2025	105.83	33.81	0.00																																			
December 2025	101.16	38.48	0.00																																			
January 2025	103.23	34.88	0.00																																			
February 2025	137.14	35.65	0.00																																			
March 2025	110.61	34.26	0.00																																			
Prescribed limit	144	40	12																																			
28	MEE condensate (140 KLD) and washing water (10 KLD) shall be subjected to ETP.	Complied. MEE condensate is reused in cooling towers and processes. Avg quantity of recycled water is provided in the table below. Condensate water quality is good to be reused. Thus it is being recycled. <table><tr><th colspan="2">Recycled water being reused for period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Avg Recycled Effluent Qty (KLD)</th></tr><tr><td>October 24</td><td>101.58</td></tr><tr><td>November 24</td><td>114.60</td></tr><tr><td>December 24</td><td>118.84</td></tr><tr><td>January 25</td><td>118.35</td></tr><tr><td>February 25</td><td>142.75</td></tr><tr><td>March 25</td><td>117.61</td></tr></table> Quantity is within the prescribed limit.	Recycled water being reused for period Oct 2024 to March 2025		Month	Avg Recycled Effluent Qty (KLD)	October 24	101.58	November 24	114.60	December 24	118.84	January 25	118.35	February 25	142.75	March 25	117.61																				
Recycled water being reused for period Oct 2024 to March 2025																																						
Month	Avg Recycled Effluent Qty (KLD)																																					
October 24	101.58																																					
November 24	114.60																																					
December 24	118.84																																					
January 25	118.35																																					
February 25	142.75																																					
March 25	117.61																																					
29	Adequate dryer system shall be installed with MEE for drying of MEE slurry.	Complied. Vertical Agitated Thin Film Dryer (ATFD) is installed with MEE for drying of MEE slurry.																																				

30	Treated wastewater (150 KLD) shall be discharged to CETP of VGEL through GIDC underground drainage system after conforming GPCB norms.	Complied. Treated effluent (150 KLD) is discharged to CETP of VGEL through GIDC underground drainage system after conforming GPCB norms. ETP Discharge stream characteristics are being checked on a daily basis inhouse and also checked monthly once by a MoEFCC approved lab. Reports are attached as ANNEXURE- 6. Waste water discharged for the period Oct 2024 to March 2025 is as below. <table border="1" data-bbox="874 775 1465 1227"> <thead> <tr> <th colspan="3">WasteWater Discharged in KL for period Oct 2024 to March 2025</th></tr> <tr> <th>Month</th><th>Discharge Quantity in KL</th><th>Daily Average in KL</th></tr> </thead> <tbody> <tr> <td>October 24</td><td>4626</td><td>149.23</td></tr> <tr> <td>November 24</td><td>4465</td><td>148.83</td></tr> <tr> <td>December 24</td><td>4486</td><td>144.71</td></tr> <tr> <td>January 25</td><td>4803</td><td>148.48</td></tr> <tr> <td>February 25</td><td>4173</td><td>149.04</td></tr> <tr> <td>March 25</td><td>4620</td><td>149.03</td></tr> <tr> <td>Prescribed Limit/Day</td><td>150</td><td>148.22</td></tr> </tbody> </table> Quantity is within the prescribed limit.	WasteWater Discharged in KL for period Oct 2024 to March 2025			Month	Discharge Quantity in KL	Daily Average in KL	October 24	4626	149.23	November 24	4465	148.83	December 24	4486	144.71	January 25	4803	148.48	February 25	4173	149.04	March 25	4620	149.03	Prescribed Limit/Day	150	148.22
WasteWater Discharged in KL for period Oct 2024 to March 2025																													
Month	Discharge Quantity in KL	Daily Average in KL																											
October 24	4626	149.23																											
November 24	4465	148.83																											
December 24	4486	144.71																											
January 25	4803	148.48																											
February 25	4173	149.04																											
March 25	4620	149.03																											
Prescribed Limit/Day	150	148.22																											
31	Unit shall provide an adequate ETP system along with RO and MBE system to adopt Zero Liquid Discharge for additional quantity.	Complied. Unit has provided an adequate ETP system along with the RO and MBE/ATFD system adopting Zero Liquid Discharge for additional quantities.																											
32	Domestic wastewater generation shall not exceed 55 KL/day for proposed projects and it shall be treated in STP. Treated sewage shall be utilized for gardening and plantation purposes within premises after achieving on-land discharge norms prescribed by the GPCB.	Complied. Domestic waste water is not exceeding 55 KL/day. 100 KLD STP has been installed and treated water is used for gardening as well as toilet flush purpose and in monsoon the unit will disinfect and dechlorinate it to use in cooling towers.																											
33	During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case.	Complied. The unit is ensuring that no discharge of wastewater takes place outside the premises in any case if treated sewage may not be required for the plantation / Gardening / Green belt purpose during monsoon season used for flushing, etc.																											

34	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	Complied. The unit has a buffer space of adequate capacity for storage of treated waste water during rainy days.																																																																
35	The unit shall provide a metering facility at the inlet and outlet of the ETP, RO, MEE system. Reuse the system and maintain records for the same.	Complied. The unit has provided meters at the inlet and outlet of the ETP, MEE and RO system reuse system. Records are being maintained.																																																																
36	Proper logbooks of ETP, RO, MEE system, Chemical consumption, quantities and qualities of effluent discharge and reuse, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	Complied. Proper logbooks of ETP, MEE and RO are being maintained. Chemical consumption, quantities and qualities of effluent discharge and reuse, power consumption is maintained by the unit. Chemicals consumed in ETP for this period are as below. <table border="1"><thead><tr><th colspan="6">Chemical consumed in ETP for period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>PAC in KG</th><th colspan="2">Poly in green DAF in kg</th><th>Jaggery in kg</th><th>Caustic in MEE plant Kg</th></tr></thead><tbody><tr><td>October 24</td><td>135</td><td>1.5</td><td>41.5</td><td>25</td><td>40616</td></tr><tr><td>November 24</td><td>109</td><td>1.5</td><td>45</td><td>27</td><td>46606</td></tr><tr><td>December 24</td><td>133</td><td>1.5</td><td>44</td><td>28</td><td>62261</td></tr><tr><td>January 25</td><td>130</td><td>1.55</td><td>31</td><td>25</td><td>50598</td></tr><tr><td>February 25</td><td>135</td><td>1.4</td><td>42</td><td>25</td><td>58193</td></tr><tr><td>March 25</td><td>145</td><td>1.5</td><td>47</td><td>30</td><td>47972</td></tr></tbody></table> Total electricity consumption for ETP for the period Oct 2024 to March 2025 is as below. <table border="1"><thead><tr><th colspan="2">ETP Electricity Consumption in KVA for period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Electricity (KWH)</th></tr></thead><tbody><tr><td>October 24</td><td>19982</td></tr><tr><td>November 24</td><td>20454</td></tr><tr><td>December 24</td><td>21540</td></tr><tr><td>January 25</td><td>23067</td></tr><tr><td>February 25</td><td>19032</td></tr><tr><td>March 25</td><td>27149</td></tr></tbody></table>	Chemical consumed in ETP for period Oct 2024 to March 2025						Month	PAC in KG	Poly in green DAF in kg		Jaggery in kg	Caustic in MEE plant Kg	October 24	135	1.5	41.5	25	40616	November 24	109	1.5	45	27	46606	December 24	133	1.5	44	28	62261	January 25	130	1.55	31	25	50598	February 25	135	1.4	42	25	58193	March 25	145	1.5	47	30	47972	ETP Electricity Consumption in KVA for period Oct 2024 to March 2025		Month	Electricity (KWH)	October 24	19982	November 24	20454	December 24	21540	January 25	23067	February 25	19032	March 25	27149
Chemical consumed in ETP for period Oct 2024 to March 2025																																																																		
Month	PAC in KG	Poly in green DAF in kg		Jaggery in kg	Caustic in MEE plant Kg																																																													
October 24	135	1.5	41.5	25	40616																																																													
November 24	109	1.5	45	27	46606																																																													
December 24	133	1.5	44	28	62261																																																													
January 25	130	1.55	31	25	50598																																																													
February 25	135	1.4	42	25	58193																																																													
March 25	145	1.5	47	30	47972																																																													
ETP Electricity Consumption in KVA for period Oct 2024 to March 2025																																																																		
Month	Electricity (KWH)																																																																	
October 24	19982																																																																	
November 24	20454																																																																	
December 24	21540																																																																	
January 25	23067																																																																	
February 25	19032																																																																	
March 25	27149																																																																	

A.3 AIR

A.3 AIR		
37	Existing (30 TPH) as well as proposed (40 TPH) steam requirement shall be met with the sister concern unit M/s: Aarti Industries Ltd. (Acid Division) located at plot no. 802, 803, 804/3. Phase — III, GIDC-Vapi and there shall be no installation of Boiler/Thermopack/Heaters within existing premises for the proposed expansion.	Complied. Unit is utilizing steam from the sister concern unit M/s: Aarti Industries Ltd. (Acid Division, XGN ID: 22987) located at plot no. 802, 803, 804/3. Phase III, GIDC-Vapi. There is no installation of Boiler/Heaters/thermo pack for proposed expansion.
38	Receiving steam from M/s: Aarti Industries Ltd. (Acid Division) located at plot no. 802, 803, 804/3. Phase — III, GIDC-Vapi shall be carried out with all safety measures as per prevailing Act/Rules.	Complied. All safety measures are being carried out as per prevailing Act/Rules for receiving of steam from M/s: Aarti Industries Ltd. (Acid Division, XGN ID: 22987) located at plot no. 802, 803, 804/3. Phase III, GIDC-Vapi.
39	Receiving steam from M/s: Aarti Industries Ltd. (AIL) shall be carried out with all safety measures as per prevailing Act/Rules.	Complied. All safety measures are being carried out as per prevailing Act/Rules for receiving of steam from M/s: Aarti Industries Ltd. (Acid Division, XGN ID: 22987) located at plot no. 802, 803, 804/3. Phase III, GIDC-Vapi.

40	Unit shall not exceed fuel consumption for stand-by DG sets as mentioned below:	Complied. Fuel consumption is under the limit. Total fuel consumption for the period Oct 2024 to March 2025 is as below: <table border="1"> <thead> <tr> <th colspan="3">Fuel (Diesel) Consumed in Litre for period of Oct 2024 to March 2025</th></tr> <tr> <th>Month</th><th>Quantity (liter)</th><th>Average Lit/Day</th></tr> </thead> <tbody> <tr> <td>October 24</td><td>7410</td><td>239.03</td></tr> <tr> <td>November 24</td><td>945</td><td>31.5</td></tr> <tr> <td>December 24</td><td>870</td><td>28.06</td></tr> <tr> <td>January 25</td><td>753</td><td>24.29</td></tr> <tr> <td>February 25</td><td>616</td><td>22</td></tr> <tr> <td>March 25</td><td>4267</td><td>137.64</td></tr> </tbody> </table> All quantities are well within the limit.	Fuel (Diesel) Consumed in Litre for period of Oct 2024 to March 2025			Month	Quantity (liter)	Average Lit/Day	October 24	7410	239.03	November 24	945	31.5	December 24	870	28.06	January 25	753	24.29	February 25	616	22	March 25	4267	137.64
Fuel (Diesel) Consumed in Litre for period of Oct 2024 to March 2025																										
Month	Quantity (liter)	Average Lit/Day																								
October 24	7410	239.03																								
November 24	945	31.5																								
December 24	870	28.06																								
January 25	753	24.29																								
February 25	616	22																								
March 25	4267	137.64																								

Sr. No.	Source emission with capacity	Stack Height (meter)	Name of Fuel	Quantity of fuel MT/hr	Types of Emission i.e. Air Pollutants	APCM	Emission Standards
Existing							
1	DG set (1 no. 625 KVA)	11	Diesel	0.1 MT/hr	PM SO2 NOx	Adequate stack height and acoustic enclosure	150 mg/Nm3 100 ppm 50 ppm
2	DG set (no. 750 KVA)	11	Diesel	0.125 MT/hr	PM SO2 NOx		150 mg/Nm3 100 ppm 50 ppm
3	DG set (1 no. 1100 KVA)	11	Diesel	0.15 MT/hr	PM SO2 NOx	Adequate stack height and acoustic enclosure	150 mg/Nm3 100 ppm 50 ppm
4	Thermopack 100000 KCal	11	Diesel	0.20 MT/hr	PM SO2		150 mg/Nm3 100 ppm

					NOx		50 ppm																																																																																															
41	Unit shall provide adequate APCM with flue gas generources as mentioned above:	Complied. The unit has provided adequate APCM, Flue gas analysis reports are attached as ANNEXURE - 7. Flue gas emission results for period April 2024 to September 2024 <table><tr><td></td><td colspan="3">DG set 1 (750 KVA)</td><td colspan="3">DG Set 2 (1100 KVA)</td></tr><tr><td>Mon</td><td>PM (mg/N m3)</td><td>SO2 (ppm)</td><td>NOx (ppm)</td><td>PM (mg/N m3)</td><td>SO2 (ppm)</td><td>NOx (ppm)</td></tr><tr><td>GPCB limits</td><td>150</td><td>100</td><td>50</td><td>120</td><td>80</td><td>40</td></tr><tr><td>October 2025</td><td>76.9</td><td>20.4</td><td>28</td><td>81.3</td><td>32.3</td><td>36.8</td></tr><tr><td>November 2025</td><td>82.1</td><td>37</td><td>10.3</td><td>68.7</td><td>24.3</td><td>33.4</td></tr><tr><td>December 2025</td><td>69.3</td><td>21.7</td><td>32.6</td><td>59.3</td><td>28.1</td><td>38.2</td></tr><tr><td>January 2025</td><td>73</td><td>26.1</td><td>35.1</td><td>62.8</td><td>21.4</td><td>30.8</td></tr><tr><td>February 2025</td><td>62.3</td><td>22.5</td><td>32.1</td><td>67.3</td><td>19.5</td><td>26.7</td></tr><tr><td>March 2025</td><td>76.3</td><td>26.1</td><td>34.9</td><td>63.2</td><td>23.8</td><td>30.7</td></tr></table> Flue gas emission results for period April 2024 to September 2024 Thermopack (1 Lac K Cal) <table><tr><td>Mon</td><td>PM (mg/Nm3)</td><td>SO2 (ppm)</td><td>NOx (ppm)</td></tr><tr><td>GPCB limits</td><td>150</td><td>100</td><td>50</td></tr><tr><td>October 2025</td><td>62</td><td>21.7</td><td>30.9</td></tr><tr><td>November 2025</td><td>56</td><td>16.2</td><td>24.1</td></tr><tr><td>December 2025</td><td>42</td><td>13.2</td><td>17.8</td></tr><tr><td>January 2025</td><td>48</td><td>18.3</td><td>27.8</td></tr><tr><td>February 2025</td><td>51</td><td>11.2</td><td>16.6</td></tr><tr><td>March 2025</td><td>63</td><td>13.4</td><td>19.8</td></tr></table>							DG set 1 (750 KVA)			DG Set 2 (1100 KVA)			Mon	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	GPCB limits	150	100	50	120	80	40	October 2025	76.9	20.4	28	81.3	32.3	36.8	November 2025	82.1	37	10.3	68.7	24.3	33.4	December 2025	69.3	21.7	32.6	59.3	28.1	38.2	January 2025	73	26.1	35.1	62.8	21.4	30.8	February 2025	62.3	22.5	32.1	67.3	19.5	26.7	March 2025	76.3	26.1	34.9	63.2	23.8	30.7	Mon	PM (mg/Nm3)	SO2 (ppm)	NOx (ppm)	GPCB limits	150	100	50	October 2025	62	21.7	30.9	November 2025	56	16.2	24.1	December 2025	42	13.2	17.8	January 2025	48	18.3	27.8	February 2025	51	11.2	16.6	March 2025	63	13.4	19.8
	DG set 1 (750 KVA)			DG Set 2 (1100 KVA)																																																																																																		
Mon	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)																																																																																																
GPCB limits	150	100	50	120	80	40																																																																																																
October 2025	76.9	20.4	28	81.3	32.3	36.8																																																																																																
November 2025	82.1	37	10.3	68.7	24.3	33.4																																																																																																
December 2025	69.3	21.7	32.6	59.3	28.1	38.2																																																																																																
January 2025	73	26.1	35.1	62.8	21.4	30.8																																																																																																
February 2025	62.3	22.5	32.1	67.3	19.5	26.7																																																																																																
March 2025	76.3	26.1	34.9	63.2	23.8	30.7																																																																																																
Mon	PM (mg/Nm3)	SO2 (ppm)	NOx (ppm)																																																																																																			
GPCB limits	150	100	50																																																																																																			
October 2025	62	21.7	30.9																																																																																																			
November 2025	56	16.2	24.1																																																																																																			
December 2025	42	13.2	17.8																																																																																																			
January 2025	48	18.3	27.8																																																																																																			
February 2025	51	11.2	16.6																																																																																																			
March 2025	63	13.4	19.8																																																																																																			

		All the parameters are well within the limit.																																																															
42	Unit shall provide adequate APCM for process gas generation sources as mentioned below :	Complied. Our unit has provided adequate APCM for process gas generation sources. Analysis Reports are attached as ANNEXURE- 8.																																																															
	<table><tr><th>Stack No.</th><th>Stack attached to</th><th>Stack Height in Meter</th><th>Air Pollution Control Measure</th><th>Parameter</th><th>Permissible limit</th></tr><tr><td>1</td><td>Chlorinator for MCB plant</td><td>18</td><td>Two stage water scrubber</td><td>Cl2</td><td>9 mg/Nm3</td></tr><tr><td>2</td><td>Nitrator of NCB plant</td><td>12</td><td>Caustic scrubber</td><td>NOX NH3</td><td>25 mg/Nm3 175 mg/Nm3</td></tr><tr><td>3</td><td>HCl storage tank</td><td>11</td><td>Two stage water scrubber</td><td>HCl</td><td>20 mg/Nm3</td></tr><tr><td>4</td><td>GLV NCB Plant</td><td>11</td><td>Caustic scrubber</td><td>NOX</td><td>25 mg/Nm3</td></tr><tr><td>5</td><td>Spent acid Concentration plant</td><td>11</td><td>Caustic scrubber</td><td>NOX</td><td>25 mg/Nm3</td></tr><tr><td>6</td><td>Batch Nitration plant</td><td>11</td><td>Caustic scrubber</td><td>NOX</td><td>25 mg/Nm3</td></tr><tr><td>7</td><td>DNCB Plant</td><td>11</td><td>Water scrubber followed by Caustic scrubber</td><td>NOX</td><td>25 mg/Nm3</td></tr><tr><td>8</td><td>Emergency Chlorine Leakage Handling</td><td>10</td><td>Two stage Caustic Scrubber</td><td>Cl2</td><td>9 mg/Nm3</td></tr><tr><td>9</td><td>ETP Neutralizer</td><td>11</td><td>Caustic Scrubber</td><td>NOX HCl</td><td>25 mg/Nm3 20 mg/Nm3</td></tr></table>					Stack No.	Stack attached to	Stack Height in Meter	Air Pollution Control Measure	Parameter	Permissible limit	1	Chlorinator for MCB plant	18	Two stage water scrubber	Cl2	9 mg/Nm3	2	Nitrator of NCB plant	12	Caustic scrubber	NOX NH3	25 mg/Nm3 175 mg/Nm3	3	HCl storage tank	11	Two stage water scrubber	HCl	20 mg/Nm3	4	GLV NCB Plant	11	Caustic scrubber	NOX	25 mg/Nm3	5	Spent acid Concentration plant	11	Caustic scrubber	NOX	25 mg/Nm3	6	Batch Nitration plant	11	Caustic scrubber	NOX	25 mg/Nm3	7	DNCB Plant	11	Water scrubber followed by Caustic scrubber	NOX	25 mg/Nm3	8	Emergency Chlorine Leakage Handling	10	Two stage Caustic Scrubber	Cl2	9 mg/Nm3	9	ETP Neutralizer	11	Caustic Scrubber	NOX HCl	25 mg/Nm3 20 mg/Nm3
Stack No.	Stack attached to	Stack Height in Meter	Air Pollution Control Measure	Parameter	Permissible limit																																																												
1	Chlorinator for MCB plant	18	Two stage water scrubber	Cl2	9 mg/Nm3																																																												
2	Nitrator of NCB plant	12	Caustic scrubber	NOX NH3	25 mg/Nm3 175 mg/Nm3																																																												
3	HCl storage tank	11	Two stage water scrubber	HCl	20 mg/Nm3																																																												
4	GLV NCB Plant	11	Caustic scrubber	NOX	25 mg/Nm3																																																												
5	Spent acid Concentration plant	11	Caustic scrubber	NOX	25 mg/Nm3																																																												
6	Batch Nitration plant	11	Caustic scrubber	NOX	25 mg/Nm3																																																												
7	DNCB Plant	11	Water scrubber followed by Caustic scrubber	NOX	25 mg/Nm3																																																												
8	Emergency Chlorine Leakage Handling	10	Two stage Caustic Scrubber	Cl2	9 mg/Nm3																																																												
9	ETP Neutralizer	11	Caustic Scrubber	NOX HCl	25 mg/Nm3 20 mg/Nm3																																																												
43	Measures shall be taken to reduce the process vapor emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have a vapour recovery system.	Noted for compliance. All measures will be taken to reduce the process vapor emission and minimize the usage of toxic solvent. And all venting equipment will be equipped with a vapor recovery system.																																																															

44	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety and Health). Following indicative guidelines shall also be followed to reduce the fugitive emission. Internal roads shall be either concrete or asphalt or paved properly to reduce the fugitive emission during vehicular movement. Air borne dust shall be controlled with water sprinklers at suitable locations in the plant. A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive and transport dust emission.	Complied. VOCs are being measured by external parties approved by MoEF. Please refer to Point no.46 Results are attached as ANNEXURE- 2. Results are well within limits. Internal roads are paved properly to reduce the fugitive emission during vehicular movement. The unit is not using dust generation materials. Green belt is developed all around the plant boundary to mitigate fugitive and transport dust emission.
45	Solvent management shall be carried out as follows : Reactor shall be connected to a chilled brine condenser system to condensate solvent vapors and reduce solvent losses. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery. Solvents shall be stored in a separate space specified with all Safety measures. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. Entire plant shall be flameproof. The solvent storage tanks shall be provided with breather valve to prevent losses	Complied. Unit is not engaged in handling any solvents. Benzene is primary raw material Chilled brine circulation system has been provided to condensate solvent vapors, so as to reduce solvent losses. Reactor handling pump has been provided with mechanical seals for leakage prevention. The condenser has been provided with sufficient residence time For the storage of solvent separate space has been specified with all safety measures. Earthing has been provided for all the electrical equipment wherever solvent handling is applicable. Entire plant is flame proof and the breather valve has been provided for solvent storage tanks.

46	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	Complied. Regular monitoring of VOC is carried out in the work zone area and ambient air. Results are attached as ANNEXURE - 2 <table><tr><th colspan="2">Average for the period Oct 2024 to March 2025</th></tr><tr><th>Location</th><th>Results</th></tr><tr><td>BN Plant</td><td>BDL</td></tr><tr><td>MCB Plant</td><td>BDL</td></tr><tr><td>NCB Plant</td><td>BDL</td></tr><tr><td>DNCB Plant</td><td>BDL</td></tr></table> All parameters are well within the limit. VOC analyzed for the period Oct 2024 to March 2025 is as above. The unit has provided benzene detectors at required places.	Average for the period Oct 2024 to March 2025		Location	Results	BN Plant	BDL	MCB Plant	BDL	NCB Plant	BDL	DNCB Plant	BDL
Average for the period Oct 2024 to March 2025														
Location	Results													
BN Plant	BDL													
MCB Plant	BDL													
NCB Plant	BDL													
DNCB Plant	BDL													
47	For control of fugitive emission, VOCs, following steps shall be followed : a. Closed handling and charging systems shall be provided for chemicals. b. Reflux condenser shall be provided over Reactors / Vessels. c. Pumps shall be provided with mechanical seals to prevent leakages.	Complied. Closed handling and charging systems have been provided for chemicals. Reflux condensers have been provided over reactors/ vessels. Mechanical sealed pumps have been provided to prevent leakages. Also refer to response of condition 44 above.												
48	Airborne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.	Complied. Adequately designed enclosures have been provided for controlled dust at all operation areas.												
49	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx , HCl, Cl2 and VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and	Complied. The unit has twice weekly ambient air monitoring to measure ground level concentration of PM10, PM2.5, SO2, NOx, and VOC. Reports are attached as ANNEXURE- 3. Total 3 locations have been identified for whole premises, so that can fulfill upwind and downwind requirements for the measurements.												

frequency of monitoring shall be decided in consultation with the GPCB.

Ambient air monitoring data for the period Oct 2024 to March 2025 is as below.

AMBIENT AIR MONITORING (all values in $\mu\text{g}/\text{m}^3$) For period Oct 2024 to March 2025					
MONTH	LOCATION	PM 10	PM 2.5	SO2	NO2
Permissible GPCB Limits		100	60	80	80
October 2024	SECURITY GATE-1	63.6	28.7	25.3	31.2
	SECURITY GATE-2	64.7	28.8	26.6	31.7
	Near ETP	63.3	29.7	26.1	32.2
November 2024	SECURITY GATE-1	73.5	35.8	22.3	37.8
	SECURITY GATE-2	72.7	33.7	30.2	37
	Near ETP	63.3	29.7	26.1	32.2
December 2024	SECURITY GATE-1	81.9	41.1	36.6	45.8
	SECURITY GATE-2	79.8	38.5	34.8	42.7
	Near ETP	82.6	41.2	36.8	45.8
January 2025	SECURITY GATE-1	84	40.1	26.2	44.4
	SECURITY GATE-2	84.4	38.9	34.9	43.3
	Near ETP	83.6	38.9	34.9	43.4
February 2025	SECURITY GATE-1	82.6	39.5	31.5	44.5
	SECURITY GATE-2	79.3	37.8	30.5	44.6
	Near ETP	81.5	38.9	30.4	43.2
March 2025	SECURITY GATE-1	80.1	37.9	31.1	44.6
	SECURITY GATE-2	81.2	39.2	32.6	43.6
	Near ETP	74.9	35.3	28.9	41.6

All results are well within limits.

A.4 SOLID/HAZARDOUS WASTE

50

Hazardous / Solid waste management shall be as below:

Complied.

Hazardous / Solid waste management is done as below.

Sr No	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc)	Category and Schedule as per HW Rules	Quantity in (MT/Annum)	Management of HW
1	Discarded Containers / Bags	plant	33.1	60	Collection, Storage, Transportation, Disposal by selling to Authorized recycler / co-processing.
2	ETP Waste	ETP	35.3	2220	Collection, Storage, Transportation, Disposal to CHWTSDf site.
3	MEE Salt	MEE	37.3	2540	Collection, Storage, Transportation, Disposal to CHWTSDf site.
4	Used Oil	Maintenance / Plant	5.1	1	Collection, Storage, Transportation, Disposal by selling to registered recycler
5	Distillation Residue	Process Nitration and Chlorination Products	26.1	6732	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
6	Spent carbon	Process	36.2	12	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
7	a. Dilute H ₂ SO ₄ b. Dilute H ₂ SO ₄ (16Percentage to 40Percentage)	Reception from (a) M/s. Aarti Industries Ltd. (Alchemie Organic Div.) and (b) M/s. Apex Pharma Chem Pvt Ltd)	B15	21600 7500	Reception / collection, Storage, reuse from M/s Aarti Industries Ltd. (Alchemie Organic Div.) and M/s. Apex Pharma Chem Pvt Ltd. and sent dilute sulphuric acid (70Percentage) as a raw material for SSP manufacturing distilled water to parent companies under Rule - 9
8	Sulfuric Acid (70Percentage)	Nitration Products	B15	79836	Collection, Storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous and other wastes rule 2016 or in house treatment
9	Hydrochloric Acid (30Percentage)	Chlorination Products	B15	158436	Collection, Storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous and other wastes rule 2016 or in house treatment
10	Aq. Sodium Thio Sulphate (Thio Liquor)	OPDA/PPDA Products	-	1638	Collection, Storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous and other wastes rule 2016 or in house treatment
11	Packing Material /Used PPE's / Non-recyclable plastic waste	plant	S-84	120	Collection, Storage, Transportation, Disposal and Co-Processing to TSDF site
12	Used Batteries	-	IV-17	25 Nos./Year	Collection, Storage, Transportation, Disposal by selling to authorized recycler
13	Off-specific products	-	26.1	20	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
14	Insulation Waste	-	S-S1	84	Collection, Storage, Transportation, Disposal to CHWTSDf site

Hazardous waste handled for the period Oct 2024 to March 2025 is as below.

Hazardous waste generated and disposed during period Oct 2024 to March 2024				
Type of Waste	Category No.	Generation Quantity (MT)	Disposal Quantity (MT/Y)	Facility
Discarded Containers / Bags	33.1	0.45	0.45	Collection, Storage, Transportation, Disposal by selling to Authorized recycler / co-processing.
ETP Waste/MEB Sol	35.3/37.3	1070	1060.29	Collection, Storage, Transportation, Disposal to CHWTSDf site.
Used Oil	5.1	1039	1039.65	Collection, Storage, Transportation, Disposal by selling to registered recycler
Distillation Residue	26.1	265	263.64	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
Spent carbon	36.2	0	0	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
a. Dilute H ₂ SO ₄		2957.44	2957.44	Reception / collection, Storage, reuse from M/s Aarti Industries Ltd. (Alchemic Organic Div.) and M/s. Apex Pharma Chem Pvt. Ltd. and sent dilute sulphuric acid (70%) as a raw material for SSP manufacturing distilled water to parent companies under Rule - 9
b. Dilute H ₂ SO ₄ (16% to 40%)	B15	2111.45	2111.45	
Sulfuric Acid (70%)	B15	9290	9280.61	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9
Hydrochloric Acid (30%)	B15	37720	37706	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9
Aq. Sodium ThioSulphate (Thio Liquor)	-	0	0	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9
Packing Material /Used PPE's / Non-recyclable plastic waste	S-S4	33	31.18	Collection, Storage, Transportation, Disposal and Co-Processing to TSDF site
Used Batteries	IV-17	0	0	Collection, Storage, Transportation, Disposal by selling to authorized recycler
Off-specific products	26.1	0	0	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF
Insulation Waste	S-S1	20.7	20.57	Collection, Storage, Transportation, Disposal to

				CHWTSDF site
	All the hazardous waste quantity is well within limit.			
51	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.	Complied. End – users are authorized from concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016. The unit has submitted the list of authorized end users of above mentioned wastes. List of Authorized parties is attached herewith as ANNEXURE- 4.		
A.5 OTHER				
52	Receiving steam from M/s: Aarti Industries Ltd. (Acid Division) located at plot no. 802, 803, 804/3, Phase-III, GIDC, Vapi shall be carried out with all safety measures as per prevailing Act/Rules.	Complied. Steam is being received from M/s. Aarti Industries limited (Acid division) with all safety measures as per Act/Rules.		
53	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Jyoti Om Chemical Research Centre Pvt. Ltd. Ankleshwar and submitted by project proponent vide letter no. NIL dated 23/02/2018 and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	Complied. All recommendations, mitigation measures measures, environmental protection measures and safeguards proposed in the EIA report commitments made during presentation before and strictly adhered to by the unit. EMP Compliance has been attached as ANNEXURE -16.		
B. GENERAL CONDITIONS				
B.1 CONSTRUCTION PHASE				
54	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	Complied. There is no Construction activity for the period Oct 2024 to March 2025		

55	Project proponent shall ensure that the surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
56	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
57	First Aid Box shall be made readily available in adequate quantity at all times.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
58	The project proponent shall Strictly comply with the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be compiled in letter and Spirit.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
59	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during the construction phase.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
60	Use of Diesel Generator (DG) sets during the construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
61	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
62	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	Complied. There is no Construction activity for the period Oct 2024 to March 2025

63	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and a balanced quantity of excavated earth shall be disposed of with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during the construction phase shall not create an adverse effect on neighbouring communities.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
64	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete [RMC] and lead free paints in the project.	Complied. There is no Construction activity for the period Oct 2024 to March 2025
65	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.	Complied. There is no Construction activity for the period Oct 2024 to March 2025

B.2 OPERATION PHASE

B.2.1 WATER

66	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Complied. Water meter has been provided and records are maintained Daily. Water consumption break up for the period Oct 2024 to March 2025 <table><tr><th colspan="4">Total fresh water consumption break up for period Oct 2024 to March 2025</th></tr><tr><th>Month</th><th>Avg fresh water Consumption (KLD)</th><th>Avg recycled water Consumption (KLD)</th><th>Avg Total water Consumption (KLD)</th></tr><tr><td>October 2024</td><td>377.77</td><td>101.58</td><td>479.35</td></tr><tr><td>November 2024</td><td>357.87</td><td>114.60</td><td>472.47</td></tr><tr><td>December 2024</td><td>526.81</td><td>118.84</td><td>645.65</td></tr><tr><td>January 2025</td><td>429.87</td><td>118.35</td><td>548.23</td></tr><tr><td>February 2025</td><td>521.32</td><td>142.75</td><td>664.07</td></tr></table>	Total fresh water consumption break up for period Oct 2024 to March 2025				Month	Avg fresh water Consumption (KLD)	Avg recycled water Consumption (KLD)	Avg Total water Consumption (KLD)	October 2024	377.77	101.58	479.35	November 2024	357.87	114.60	472.47	December 2024	526.81	118.84	645.65	January 2025	429.87	118.35	548.23	February 2025	521.32	142.75	664.07
Total fresh water consumption break up for period Oct 2024 to March 2025																														
Month	Avg fresh water Consumption (KLD)	Avg recycled water Consumption (KLD)	Avg Total water Consumption (KLD)																											
October 2024	377.77	101.58	479.35																											
November 2024	357.87	114.60	472.47																											
December 2024	526.81	118.84	645.65																											
January 2025	429.87	118.35	548.23																											
February 2025	521.32	142.75	664.07																											

		<table><tr><td>March 2025</td><td>481.10</td><td>117.61</td><td>598.71</td></tr><tr><td>Prescribed Limit/Day</td><td>732</td><td>215</td><td></td></tr></table>	March 2025	481.10	117.61	598.71	Prescribed Limit/Day	732	215	
March 2025	481.10	117.61	598.71							
Prescribed Limit/Day	732	215								
		All parameters are well within the limit.								
67	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	Complied. Unit has adopted Best Available Technology (BAT) for optimize water consumption. Unit has adapted ZLD for additional quantities of waste water generated from the process, keeping existing wastewater generated quantity 150 KLD discharge to CETP of M/s. Vapi Green Enviro Ltd. for further treatment. Steam condensate recovered from the plants is being sent back to the boiler. Treated water from STP is being used in toilet flushing and gardening								
B.2.2 AIR										
68	In case of use of spray dryer, the unit shall provide the adequate and efficient APCMs with spray dryer so that there should not be any adverse impact on human health and environment. Unit shall carry out third party monitoring of the proposed Spray dryer and it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with a half yearly compliance report.	Not Applicable. Unit is not using a Spray Dryer at present.								

69

Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.

Complied.

Acoustic enclosure is provided to the DG sets to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards. Workplace noise monitoring is being done on a regular basis. Results are attached as ANNEXURE - 9.

Noise monitoring data for the period Oct 2024 to March 2025 is as below.

Noise Monitoring for period Oct 2024 to March 2025					
SR. NO	LOCATION (Day time)	GPCB limit Unit	Maximum value	Minimum value	Mean value
1	Security gate 1	75 dB(A)	64.8	53.2	58.58
2	Main Entry Gate 2A		58.7	53.2	55.13
3	Gate 2 Material Gate		71.3	56.3	65.28
4	Lunch Room		69.2	60.1	64.53
5	Fabrication workshop		73.8	70.5	72.18
6	Organic Ware house		71.9	56.4	63.28
7	Central mechanical work shop		73.8	70.3	72.42
8	BBL Main Area First Floor		58.7	53	55.42

SR. NO	LOCATION (Night time)	GPCB limit Unit	Maximum value	Minimum value	Mean value
1	Security gate 1	70dB(A)	61.2	51.6	55.72
2	Main Entry Gate 2A		55.4	50.7	52.28
3	Gate 2 Material Gate		67.8	54.3	61.72
4	Lunch Room		66.2	56.5	61.63
5	Fabrication workshop		68.7	66.3	67.93
6	Organic Ware house		68.5	54.3	59.90

		<table><tr><td>7</td><td>Central mechanical work shop</td><td></td><td>68.7</td><td>67.2</td><td>67.88</td></tr><tr><td>8</td><td>BBL Main Area First Floor</td><td></td><td>55.1</td><td>51.2</td><td>52.57</td></tr></table> All parameters are well within the limit.	7	Central mechanical work shop		68.7	67.2	67.88	8	BBL Main Area First Floor		55.1	51.2	52.57																																																																														
7	Central mechanical work shop		68.7	67.2	67.88																																																																																							
8	BBL Main Area First Floor		55.1	51.2	52.57																																																																																							
70	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Complied. The unit is in compliance with stack height as stipulated in Condition 42 above.																																																																																										
71	Flue gas emission and Process gas emission (if any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF and CC. At no time, emission level should go beyond the stipulated standards.	Complied. Flue gas emission and Process gas emission are well within the standards prescribed by the GPCB/CPCB/MoEF and CC. Results of Flue gas emission are attached as ANNEXURE – 7. <table><tr><th colspan="7">Flue gas emission results for period Oct 2024 to March 2025</th></tr><tr><th></th><th colspan="3">DG set 1 (750 KVA)</th><th colspan="3">DG Set 2 (1100 KVA)</th></tr><tr><th>Mon</th><th>PM (mg/N m3)</th><th>SO2 (ppm)</th><th>NOx (ppm)</th><th>PM (mg/N m3)</th><th>SO2 (ppm)</th><th>NOx (ppm)</th></tr><tr><td>GPCB limits</td><td>150</td><td>100</td><td>50</td><td>120</td><td>80</td><td>40</td></tr><tr><td>October 24</td><td>76.9</td><td>20.4</td><td>28</td><td>81.3</td><td>32.3</td><td>36.8</td></tr><tr><td>November 24</td><td>82.1</td><td>37</td><td>10.3</td><td>68.7</td><td>24.3</td><td>33.4</td></tr><tr><td>December 24</td><td>69.3</td><td>21.7</td><td>32.6</td><td>59.3</td><td>28.1</td><td>38.2</td></tr><tr><td>January 25</td><td>73</td><td>26.1</td><td>35.1</td><td>62.8</td><td>21.4</td><td>30.8</td></tr><tr><td>February 25</td><td>62.3</td><td>22.5</td><td>32.1</td><td>67.3</td><td>19.5</td><td>26.7</td></tr><tr><td>March 25</td><td>76.3</td><td>26.1</td><td>34.9</td><td>63.2</td><td>23.8</td><td>30.7</td></tr></table> <table><tr><th colspan="4">Flue gas emission results for period Oct 2024 to March 2025 Thermopack (1 Lac K Cal)</th></tr><tr><th>Mon</th><th>PM (mg/Nm3)</th><th>SO2 (ppm)</th><th>NOx (ppm)</th></tr><tr><td>GPCB limits</td><td>150</td><td>100</td><td>50</td></tr><tr><td>October 2024</td><td>62</td><td>21.7</td><td>30.9</td></tr><tr><td>November 2024</td><td>56</td><td>16.2</td><td>24.1</td></tr></table>	Flue gas emission results for period Oct 2024 to March 2025								DG set 1 (750 KVA)			DG Set 2 (1100 KVA)			Mon	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	GPCB limits	150	100	50	120	80	40	October 24	76.9	20.4	28	81.3	32.3	36.8	November 24	82.1	37	10.3	68.7	24.3	33.4	December 24	69.3	21.7	32.6	59.3	28.1	38.2	January 25	73	26.1	35.1	62.8	21.4	30.8	February 25	62.3	22.5	32.1	67.3	19.5	26.7	March 25	76.3	26.1	34.9	63.2	23.8	30.7	Flue gas emission results for period Oct 2024 to March 2025 Thermopack (1 Lac K Cal)				Mon	PM (mg/Nm3)	SO2 (ppm)	NOx (ppm)	GPCB limits	150	100	50	October 2024	62	21.7	30.9	November 2024	56	16.2	24.1
Flue gas emission results for period Oct 2024 to March 2025																																																																																												
	DG set 1 (750 KVA)			DG Set 2 (1100 KVA)																																																																																								
Mon	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)	PM (mg/N m3)	SO2 (ppm)	NOx (ppm)																																																																																						
GPCB limits	150	100	50	120	80	40																																																																																						
October 24	76.9	20.4	28	81.3	32.3	36.8																																																																																						
November 24	82.1	37	10.3	68.7	24.3	33.4																																																																																						
December 24	69.3	21.7	32.6	59.3	28.1	38.2																																																																																						
January 25	73	26.1	35.1	62.8	21.4	30.8																																																																																						
February 25	62.3	22.5	32.1	67.3	19.5	26.7																																																																																						
March 25	76.3	26.1	34.9	63.2	23.8	30.7																																																																																						
Flue gas emission results for period Oct 2024 to March 2025 Thermopack (1 Lac K Cal)																																																																																												
Mon	PM (mg/Nm3)	SO2 (ppm)	NOx (ppm)																																																																																									
GPCB limits	150	100	50																																																																																									
October 2024	62	21.7	30.9																																																																																									
November 2024	56	16.2	24.1																																																																																									

December 2024	42	13.2	17.8
January 2025	48	18.3	27.8
February 2025	51	11.2	16.6
March 2025	63	13.4	19.8

All parameters are well within the limit.

Results of process gas emission are attached as ANNEXURE – 8.

**Process gas emission results for period
Oct 2024 to March 2025**

Month	Chlorinator of MCB	Nitrator of NCB	Hcl storage yard	GLV NCB Plant	SAC plant	BN plant	DNCB plant
GPCB Limit	Cl2 : 9	NOx : 25 NH3 : 175	HCl : 20	NOx : 20	NOx : 20	NOx : 20	NOx : 20
October 2024	1.1	NOx : 11.6 NH3 : BDL	5.4	11.4	14	11.6	14
November 2024	1.3	NOx : 13.9 NH3 : BDL	8.5	14.4	11.5	16.5	13.6
December 2024	2.4	NOx : 19.4 NH3 : BDL	6.8	16.7	14.5	18.7	14.7
January 2025	1.8	NOx : 22.6 NH3 : BDL	5.33	24	16.7	14.3	11.6
February 2025	2.2	NOx : 23 NH3 : BDL	18.3	23.8	23.8	20.6	23
March 2025	2.7	NOx : 21.3 NH3 : BDL	12.4	13.5	11.5	15.2	17.7

All the parameters are in mg/Nm³

All parameters are well within the limit.

72	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	Complied. All the reactors / vessels used in the manufacturing process are closed loop to reduce the fugitive emission.
B.2.3 HAZARDOUS/SOLID WASTE		
73	The company shall strictly comply with the rules and regulations with regards to handling and disposal of hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection/treatment/storage/ disposal of hazardous wastes.	Complied. Unit is strictly complying with the rules and regulation for handling and disposal of hazardous waste as per the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB has been obtained for collection/treatment/storage/ disposal of hazardous wastes The unit has received the CCA amendment for EC AWH - 119480 and CCA amendment AWH - 132984 valid up to 31/03/2029., issued on 20.06.2022. All the waste being transported is as per rules and GPS mounted vehicles. Transporters are registered and a manifest system is being followed.
74	Hazardous waste shall be dried, packed and stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Complied. Hazardous waste is dried and stored in hazardous waste storage areas facilitated with an impervious RCC flooring and leachate collection facility.
75	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	Complied. Our unit has obtained membership certificates from VGEL,Vapi, SEPL, Dalmia- Odisha Kutch, BEIL, Ankleshwar - Daboj and SEPL - jambusar. and RSPL Panoli Membership certificates are attached as ANNEXURE - 10.
76	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988 and rules made there under.	Complied. Unit has deployed vehicles as per the provisions under the Motor Vehicle Act, 1988 and rules made there under for the transportation of hazardous waste.Vehicles Are fully covered and GPS mounted. Which are also tracked on a regular basis. Transporters are registered with TSDF sites.
77	The design of the Trucks/ tankers shall be such that there is no spillage during transportation.	Complied. Unit is deployed trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation. Vehicles Are fully covered and GPS mounted. Which are also tracked on a regular basis. Transporters are registered with TSDF sites.

78	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied. The unit has started to send low chloride content waste for Pre-processing/Co-Processing into CHWIF.
79	Management of fly ash (If any) shall be as per the Fly Ash Notification 2009 and its amendment from time to time and it shall ensure that there is 100Percentage utilization of fly ash to be generated from the unit.	Not Applicable. Fly ash is not being generated from the unit.
B.2.4 SAFETY		
80	The occupier/ manager shall strictly comply with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.	Complied. Unit is strictly complying with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.
81	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended from time to time and the Public Liability Insurance Act for Handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosive and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	Complied. Unit is complying with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended from time to time. On-site and Off-site Disaster Management Plans have been prepared and implemented. On-site and Off-site Disaster Management plan, PLI Policy is attached as ANNEXURE- 11.
82	Main entry and exit shall be separate and clearly marked in the facility.	Complied. Main entry and exit facilities are separately and clearly marked.
83	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	Complied. Our unit has provided and open passage for free movement of fire tender/ emergency vehicles around the premises.
84	Storage of flammable chemicals shall be sufficiently away from the production area.	Complied. Storage of flammable chemicals is sufficiently away from the production area. And adequate safety measures have been provided.

85	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Complied. Our unit has an adequate network of fire hydrant systems and sufficient number of fire extinguishers provided throughout the facility. Details of the fire hydrant system and number of fire extinguishing equipment are attached as Annexure - 17.
86	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.	Complied. The precautionary measures taken to avoid any kind of accident during storage and handling of toxic/ hazardous chemicals.
87	All the toxic/ hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	Complied. The toxic/ hazardous chemicals are stored in optimum quantity and necessary permissions will be obtained before commencing the expansion activities.
88	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report.	Complied. The unit strictly adheres to the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report.
89	Only flameproof electrical fittings shall be provided in the plant premises.	Complied. The unit strictly adheres to the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report. Unit is installed with flameproof electrical fittings in the plant premises.
90	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks/ containers instead of on single large capacity tanks/ containers.	Complied. Unit is restricted to the use of single large capacity tanks/ containers.
91	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/ dyke walls shall be provided for storage tanks for hazardous Chemicals.	Complied. Unit has installed necessary engineering controls like level indicator, level switch, innox etc to avoid leakages and hazardous chemical storage tanks are being installed inside a Bund/ dyke wall.
92	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer to ensure that minimal human exposure occurs.	Complied. Unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer.

93	Tie up shall be done with a nearby health care unit/ doctor for seeking immediate medical attention in the case of emergency.	Complied. Full time medical officers and doctors have been appointed. Unit has a tie-up with nearby health care units/ doctors for seeking immediate medical attention in the case of emergency. During this time period (Oct 2024 to March 2025) no major accident/incident has been reported. Industry has tied up with Haria L.G. Rotary Hospital, Jeevandeep Surgical Hospital, Usha Shalby, Dr. Pant Eye Hospital, ESIC Hospital, AASHIRWAD GENERAL HOSPITAL, THUNGA HOSPITAL PVT LTD, VIKAS HOSPITAL for minor, major injuries and eye injuries etc.						
94	Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Complied. Unit is maintained necessary Personal Protective Equipment (PPEs) and provides the same to workers. Unit is encouraging and ensures that PPE's are being used by workers as per the requirement. PPE's like Goggles, Gumboots, helmets, Skin Cream, Soap, Ear Plugs, Face masks, Clothings are provided when and where required.						
95	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	Complied. First Aid Box is available and required Antidotes for the chemicals used in the unit are also made available in adequate quantity before commencement of operations.						
96	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Complied. Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. <table border="1"><thead><tr><th colspan="2">Environment, Safety and Health Training to Employee</th></tr><tr><th>Time Period</th><th>Number of Employee</th></tr></thead><tbody><tr><td>Oct 2024 to March 2025</td><td>214</td></tr></tbody></table>	Environment, Safety and Health Training to Employee		Time Period	Number of Employee	Oct 2024 to March 2025	214
Environment, Safety and Health Training to Employee								
Time Period	Number of Employee							
Oct 2024 to March 2025	214							
97	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act and Rules.	Complied Unit is doing Pre-employment and periodical medical examination for all the workers as per the Factories Act and Rules and records of the same are maintained. Medical check up of total of 112 employees has been done from Oct 2024 to March 2025. Records for the medical checkup are maintained and reports of two random employees are attached as Annexure - 15.						

98	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	Complied. The Transportation of hazardous chemicals is done as per the provisions of the Motor Vehicle Act and Rules.
99	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	Complied. The unit implements all preventive and mitigation measures suggested in the Risk Assessment Report.
100	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Complied. Unit is obtained necessary permissions from statutory authorities like PESO, Factory Inspectorate and other statutory bodies prior to commissioning of the project. PESO Certificates are attached as ANNEXURE 12.

B.2.5 NOISE

101

The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hood, silencers, enclosures etc on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 and Rules.

Complied.

The Unit is taking necessary noise control measures by providing engineering controls like acoustic insulation hood, silencers, enclosures etc on all sources of noise generation. Results are attached as ANNEXURE- 9.

Noise Monitoring for period Oct 2024 to March 2025					
SR. NO	LOCATION (Day time)	GPCB limit Unit	Maximum value	Minimum value	Mean value
1	Security gate 1	75 dB(A)	64.8	53.2	58.58
2	Main Entry Gate 2A		58.7	53.2	55.13
3	Gate 2 Material Gate		71.3	56.3	65.28
4	Lunch Room		69.2	60.1	64.53
5	Fabrication workshop		73.8	70.5	72.18
6	Organic Ware house		71.9	56.4	63.28
7	Central mechanical work shop		73.8	70.3	72.42
8	BBL Main Area First		58.7	53	55.42

		Floor			
--	--	-------	--	--	--

SR. NO	LOCATION (Night time)	GPCB limit Unit	Maximum value	Minimum value	Mean value
1	Security gate 1	70dB(A)	61.2	51.6	55.72
2	Main Entry Gate 2A		55.4	50.7	52.28
3	Gate 2 Material Gate		67.8	54.3	61.72
4	Lunch Room		66.2	56.5	61.63
5	Fabrication workshop		68.7	66.3	67.93
6	Organic Ware house		68.5	54.3	59.90
7	Central mechanical work shop		68.7	67.2	67.88
8	BBL Main Area First Floor		55.1	51.2	52.57

All parameters are well within the limit.

B. 2.6 CLEANER PRODUCTION AND WASTE MINIMISATION

102	The unit shall undertake the Cleaner Production Assessment study through a reputed institute /organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	Noted and Complied. The initiatives include, but are not limited to, steam reengineering, waste minimization, Hazardous waste recycle and reuse, energy efficiency projects and such.
103	The company shall undertake various waste minimization measures such as: Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw materials substitutes. Use of automated and close filling to minimize spillages. Use of a closed feed system into batch reactors. Venting equipment through a vapour recovery system. Use of high pressure hoses for clearing to reduce wastewater generation. Recycling of washes to subsequent batches. Recycling of steam condensate. Sweeping/ mopping the floor instead of floor washing to avoid effluent generation.	Complied. The Unit will implement waste minimization measures as mentioned below but not limiting to: Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw materials substitutes. Use of automated and close filling to minimize spillages. Use of a closed feed system into batch reactors. Venting equipment through a vapour recovery system. Use of high pressure hoses for clearing to reduce wastewater generation. Recycling of washes to subsequent batches. Recycling of steam condensate. Sweeping/ mopping the floor instead of floor washing to avoid

	Regular preventive maintenance for avoiding leakages, spillages etc.	effluent generation. Regular preventive maintenance for avoiding leakages, spillages etc.
B.2.7 GREEN BELT AND OTHER PLANTATION		
104	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate lane is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC/ GPCB and submit an action plan of plantation for next three years to the GPCB.	Complied. The unit has developed a green belt in the Notified Area of GIDC Vapi to comply with the CPCB guidelines.
105	Drip irrigation/ low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Complied. Unit has provided a low-angle sprinkler system for the green belt development within the premises.
B.3 OTHER CONDITION		
106	Unit shall comply with all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF and CC vide no. F. No. 22-34/2018-IA. III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX)	Noted for Compliance. Unit will strictly comply with all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF and CC vide no. F. No. 22-34/2018-IA. III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).
107	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance with the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA. III dated 01/05/2018 to carry out the activities under CER in the affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to the district collector. The monitoring report shall be posted on the website of the project proponent	Complied. The company has spent ₹ 6.28 crore as mentioned below, in the following welfare areas: ● Education and Skill Development ● Healthcare ● Tribal Welfare and Rural Development ● Disaster Relief ● Environmental Conservation ● Women Empowerment
108	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	Complied. The unit completed around 1892 sq m2 catchment area and collected 2316 kl water in this rainy season. Harvested rainwater is used for process / cooling purposes. More areas for rooftop rainwater harvesting are being explored at the moment
109	The unit shall join and participate financially and technically for any common environmental facility/ infrastructure as and when the same is taken up either by	Complied. The unit participates financially and technically for any common environmental facility/ infrastructure as and when the same is taken

	the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt./GIDC.	up by Vapi Industries Association, Vapi Green Enviro Ltd. (CETP) and GPCB.
110	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	Complied. Unit is in the process of installation of rooftop solar panels to comply with the requirement.
111	The area earmarked as green area shall be used only for plantation and shall not be alerted for any other purpose.	Noted for compliance. Unit will not use the earmarked green area for any other purpose.
112	All the commitments/ undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	Noted. The unit will strictly follow.
113	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	Complied. The project proponent will comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
114	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Noted for Compliance.
115	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	Complied. The unit strictly adheres to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority. CCA Compliance is attached as ANNEXURE - 14.
116	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.	Complied. Unit has ensured that there will not be any spillages during material transfer and garland drain has been constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.
117	Pucca flooring/ impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. An impervious RCC flooring has been provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.

118	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Complied. Unit is taking action to minimize the leakages from pipes, pumps. The unit has covered spill handling and management from various areas and scenarios as a part of the Emergency Response Plan.
119	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted for Compliance.
120	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted. Unit will strictly follow.
121	The project proponent shall comply with all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules 2014" and its amendments from time to time in a letter and spirit.	Complied. The unit has ESC plan and implemented as below 1. We have Developed a New Garden near Charadva village costing 594520/- of and also we are maintaining the same. 2. Also we are maintaining a garden in GIDC and surrounding area worth rs. 2513400/-
122	The project management shall ensure that the unit complies with all the environmental protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponents.	Complied. Unit has complied with all the environmental protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report. Please refer Annexure no 16.
123	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Noted. Unit strictly follows the stipulated condition.
124	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in Gujarati language	Complied. The advertisement regarding the environmental clearance was given in the local newspapers and the copy of the same was submitted to the concerned regional office and the same is attached as ANNEXURE - 13.

	and the other in English. A copy of each of the same shall be forwarded to the concerned Regional Office of the Ministry.	
125	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned on 1 st June and 1 st December of each calendar year.	Complied. Unit is submitting a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned on 1st June and 1st December of each calendar year. Last half yearly EC compliance for the period April 2024 to Sept 2024 was submitted and reverted on 22.11.2024.
126	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
127	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Complied. Unit will adhere to the stipulations made by the GPCB. Please refer ANNEXURE- 14
128	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
129	The company in a time bound manner shall implement these conditions. The SIEAA reserves the right to stipulate additional conditions, if the same is found necessary.	Noted.
130	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. The unit has received valid consent, AWH – 119480, dtd. 20.06.2022 valid up to 31/03/2029 and CCA amendment AWH - 132984 valid up to 31/03/2029.
131	This environmental clearance is valid for seven years from the date of issue.	Noted.
132	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
133	Submission of any false or misleading information or data which is material to screening of scoping or	Noted.

	appraisal or decision on the application makes this environment clearance canceled.	
--	---	--

Annexure - 1

Total production for the period Oct 2024 to March 2025 (in MT)							
Name of Product	October 24	November 24	December 24	January 25	February 25	March 25	Total
PNCB	4882.0	4538.0	5306.0	5175.0	5470.0	4842.0	30213.0
ONCB	2701.0	2382.0	2042.0	2764.0	2859.0	2687.0	16335.0
MNCB	58.0	40.0	54.0	55.0	55.0	40.0	302.0
Crude product of NCB / ONCB / MNCB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:5 DCNB	25.0	0.0	0.0	0.0	70.0	0.0	95.0
3:4 DCNB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:3 DCNB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:4 DCNB	124.0	61.0	70.0	0.0	167.0	92.0	514.0
2:6 DCNB	6.0	0.0	5.0	11.0	0.0	5.0	27.0
2:3:4 TCNB	145.0	315.0	196.0	130.0	175.0	316.0	1277.0
2:4:5 TCNB	181.0	170.0	126.0	158.0	142.0	0.0	777.0
2:4DC 3FNB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude product of 2,5DCNB/ 3,4DCNB/ 2,3DCNB/ 2,4DCNB/ 2,4DCNB/ 2,6DCNB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2,4 DINITOR CHLORO BENZENE	546.0	515.0	921.0	858.0	432.0	581.0	3853.0
2,6 DINITOR CHLORO BENZENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIXTURE OF DINITOR CHLORO BENZENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MONO CHLORO BENZENE (MCB)	5860.0	4902.0	5738.0	5557.0	5320.0	5189.0	32564.0
ORTHO DICHLORO BENZENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Test Report No.: EP/AILORG/1024/WP01	Issue Date: 16 / 10 / 2024
--------------------------------------	----------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398301, Dist. - Valsad.			
Description of Sample	: As per table given below	Sampling Method	: IS : 5182
Sampling By	: ENPRO Team- Mr.Nikunj Vaghasiya	Quantity/No. of Sample	: 1 / 1 No.
Date of Sampling	: 07 / 10 / 2024	Packing/Seal	: Sealed
Sample Received Date	: 08 / 10 / 2024	Protocol (purpose)	: VOC Sampling
Date of Starting of Test	: 08 / 10 / 2024	Sample ID	: 1024/WP01

RESULT TABLE

SR. NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	µg/m ³	BDL	-	GC Method
2.	NCB Plant		µg/m ³	BDL	-	
3.	New BN Plant		µg/m ³	BDL	-	
4.	DNCB Plant		µg/m ³	BDL	-	

Note: BDL- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILORG/1124/WP01	Issue Date: 21 / 11 / 2024
--------------------------------------	----------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398301, Dist. - Valsad.			
Description of Sample	: As per table given below	Sampling Method	: IS : 5182
Sampling By	: ENPRO Team- Mr.Vihang Patel	Quantity/No. of Sample	: 1 / 1 No.
Date of Sampling	: 13 / 11 / 2024	Packing/Seal	: Sealed
Sample Received Date	: 14 / 11 / 2024	Protocol (purpose)	: VOC Sampling
Date of Starting of Test	: 14 / 11 / 2024	Sample ID	: 1124/WP01

RESULT TABLE

SR. NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	µg/m ³	BDL	-	GC Method
2.	NCB Plant		µg/m ³	BDL	-	
3.	New BN Plant		µg/m ³	BDL	-	
4.	DNCE Plant		µg/m ³	BDL	-	

Note: BDL- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILORG/1224/WP01	Issue Date: 18 / 12 / 2024
--------------------------------------	----------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398301, Dist. - Valsad.			
Description of Sample	: As per table given below	Sampling Method	: IS : 5182
Sampling By	: ENPRO Team- Mr.Vihang Patel	Quantity/No. of Sample	: 1 / 1.No.
Date of Sampling	: 10 / 12 / 2024	Packing/Seal	: Sealed
Sample Received Date	: 11 / 12 / 2024	Protocol (purpose)	: VOC Sampling
Date of Starting of Test	: 11 / 12 / 2024	Sample ID	: 1224/WP01

RESULT TABLE

SR. NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	$\mu\text{g}/\text{m}^3$	BDL	-	GC Method
2.	NCB Plant		$\mu\text{g}/\text{m}^3$	BDL	-	
3.	New BN Plant		$\mu\text{g}/\text{m}^3$	BDL	-	
4.	DNCB Plant		$\mu\text{g}/\text{m}^3$	BDL	-	

Note: BDL- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILORG/0125/WP01	Issue Date: 22 / 01 / 2025
--------------------------------------	----------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398301, Dist. - Valsad.			
Description of Sample	: As per table given below	Sampling Method	: IS : 5182
Sampling By	: ENPRO Team- Mr.Vihang Patel	Quantity/No. of Sample	: 1 / 1 No.
Date of Sampling	: 13 / 01 / 2025	Packing/Seal	: Sealed
Sample Received Date	: 15 / 01 / 2025	Protocol (purpose)	: VOC Sampling
Date of Starting of Test	: 15 / 01 / 2025	Sample ID	: 0125/WP01

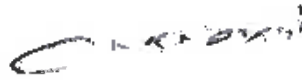
RESULT TABLE

SR. NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	µg/m ³	BDL	-	GC Method
2.	NCB Plant		µg/m ³	BDL	-	
3.	New BN Plant		µg/m ³	BDL	-	
4.	DNCB Plant		µg/m ³	BDL	-	

Note: BDL- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

Environmental Testing Laboratory

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

TEST REPORT

Test Report No.: EP/AILORG/0225/WP01	Issue Date: 24 / 02 / 2025
--------------------------------------	----------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398301, Dist - Valsad.			
Description of Sample	: As per table given below	Sampling Method	: IS : 8182
Sampling By	: ENPRO Team- Mr. Vihang Patel	Quantity/No. of Sample	: 1 / 1 No.
Date of Sampling	: 17 / 02 / 2025	Packing/Seal	: Sealed
Sample Received Date	: 18 / 02 / 2025	Protocol (purpose)	: VOC Sampling
Date of Starting of Test	: 18 / 02 / 2025	Sample ID	: 0225/WP01

RESULT TABLE

SR. NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	µg/m ³	BDL	-	GC Method
2.	NOB Plant		µg/m ³	BDL	-	
3.	New BN Plant		µg/m ³	BDL	-	
4.	DNCB Plant		µg/m ³	BDL	-	

Note: BDL - Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILORG/0325/WP01	Issue Date: 19 / 03 / 2025
---	-----------------------------------

Customer's Name & Address: Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396301, Dist - Valsad			
Description of Sample	As per table given below	Sampling Method	IS : 5182
Sampling By	ENPRO Team- Mr.Vihang Patal	Quantity/No. of Sample	1 / 1 No.
Date of Sampling	11 / 03 / 2025	Packing/Seal	Sealed
Sample Received Date	12 / 03 / 2025	Protocol (purpose)	VOC Sampling
Date of Starting of Test	12 / 03 / 2025	Sample ID	0325/WP01

RESULT TABLE

SRL NO.	LOCATION	PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD OF MEASUREMENT
1.	MCB Plant	VOC	µg/m ³	BDL	-	GC Method
2.	NCB Plant		µg/m ³	BDL	-	
3.	New BN Plant		µg/m ³	BDL	-	
4.	DNCB Plant		µg/m ³	BDL	-	

Note: BDL- Below Detectable Limit

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : October- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1 (Organic Div.)

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results														
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	NH ₃	Ozone	Cl ₂	HCl	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	07/10/2024	72.3	33.2	28.5	35.6	0.82	14.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	08/10/2024	68.5	30.4	27.3	32.2	0.75	--	--	BDL	BDL	--	--	--	--	--	
3.	14/10/2024	67.2	28.3	22.1	29.4	0.64	--	--	BDL	BDL	--	--	--	--	--	
4.	15/10/2024	76.4	35.6	31.8	38.7	0.85	--	--	BDL	BDL	--	--	--	--	--	
5.	21/10/2024	62.1	28.7	25.2	30.1	0.67	--	--	BDL	BDL	--	--	--	--	--	
6.	22/10/2024	82.3	24.1	21.7	27.3	0.45	--	--	BDL	BDL	--	--	--	--	--	
7.	28/10/2024	65.8	29.5	26.4	31.8	0.51	--	--	BDL	BDL	--	--	--	--	--	
8.	29/10/2024	54.8	22.4	19.9	24.5	0.49	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	76.4	35.6	31.8	38.7	0.85	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	52.3	22.4	19.9	24.5	0.45	--	--	BDL	BDL	--	--	--	--	--	
	Average	63.6	28.7	25.3	31.2	0.64	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	100	200	03	01	01	20	06	

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

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

2. Note: BDL-Below Detectable Limit.

Patil P.A.
ANALYSED BY

[Signature]
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 : October-2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi,
Location: Near Security Gate-2 (Organic Div.)

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	Cl ₂	HCl	Benzene	BeP	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	07/10/2024	69.5	28.8	31.2	33.4	0.73	13.5	18.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.	08/10/2024	73.2	34.3	29.8	36.5	0.85	--	--	BDL	BDL	--	--	--	--	--
3.	14/10/2024	58.4	25.1	22.6	28.3	0.62	--	--	BDL	BDL	--	--	--	--	--
4.	15/10/2024	78.6	36.2	33.4	38.6	0.69	--	--	BDL	BDL	--	--	--	--	--
5.	21/10/2024	51.9	21.8	18.7	24.2	0.39	--	--	BDL	BDL	--	--	--	--	--
6.	22/10/2024	67.8	30.5	27.5	32.1	0.65	--	--	BDL	BDL	--	--	--	--	--
7.	28/10/2024	58.3	27.4	25.3	30.8	0.48	--	--	BDL	BDL	--	--	--	--	--
8.	29/10/2024	62.1	26.7	24.6	29.7	0.54	--	--	BDL	BDL	--	--	--	--	--
	Maximum	78.6	36.2	33.4	38.6	0.89	--	--	BDL	BDL	--	--	--	--	--
	Minimum	61.8	21.8	18.7	24.2	0.39	--	--	BDL	BDL	--	--	--	--	--
	Average	64.7	28.8	26.6	31.7	0.64	--	--	BDL	BDL	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	62	400	100	100	200	95	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

P. H. P. A.
ANALYSED BY

A. A. O. S.
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 : October- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near ETP (Organic Div.)

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 _x µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	
1.	07/10/2024	58.5	29.2	25.4	32.6	0.61	14.2	20.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	08/10/2024	67.8	31.7	28.3	34.5	0.73	--	--	BDL	BDL	--	--	--	--	--	
3.	14/10/2024	75.4	36.8	31.1	37.7	0.88	--	--	BDL	BDL	--	--	--	--	--	
4.	15/10/2024	54.3	23.6	21.5	28.4	0.52	--	--	BDL	BDL	--	--	--	--	--	
5.	21/10/2024	70.1	33.5	29.2	36.3	0.81	--	--	BDL	BDL	--	--	--	--	--	
6.	22/10/2024	85.2	30.1	27.4	33.1	0.56	--	--	BDL	BDL	--	--	--	--	--	
7.	28/10/2024	51.8	24.3	22.6	27.6	0.44	--	--	BDL	BDL	--	--	--	--	--	
8.	29/10/2024	63.7	28.4	23.7	29.2	0.58	--	--	BDL	BDL	--	--	--	--	--	
Maximum		75.4	36.8	31.1	37.7	0.88	--	--	BDL	BDL	--	--	--	--	--	
Minimum		51.8	23.6	21.5	25.4	0.44	--	--	BDL	BDL	--	--	--	--	--	
Average		63.3	29.7	26.1	32.2	0.63	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQS)		100	60	80	80	02	400	100	100	200	05	01	01	20	08	
3. Remark: - 1. Method Followed: IS- 5182.																

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.
ANALYSED BY


AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : November- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1 (Organic Div.)

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	Cl ₂	HCl	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	04/11/2024	68.2	31.6	28.4	34.5	0.62	15.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	06/11/2024	72.4	33.6	30.5	36.2	0.75	--	--	BDL	BDL	--	--	--	--	--	
3.	11/11/2024	80.3	29.2	26.7	31.6	0.56	--	--	BDL	BDL	--	--	--	--	--	
4.	12/11/2024	81.5	39.6	36.2	42.7	0.69	--	--	BDL	BDL	--	--	--	--	--	
5.	18/11/2024	65.9	30.7	28.1	33.4	0.49	--	--	BDL	BDL	--	--	--	--	--	
6.	18/11/2024	75.6	36.3	33.6	39.1	0.71	--	--	BDL	BDL	--	--	--	--	--	
7.	25/11/2024	83.7	41.8	39.3	44.5	0.84	--	--	BDL	BDL	--	--	--	--	--	
8.	26/11/2024	80.8	38.2	35.6	40.8	0.79	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	83.7	41.8	39.3	44.5	0.84	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	60.3	29.2	26.7	31.6	0.49	--	--	BDL	BDL	--	--	--	--	--	
	Average	73.6	36.1	32.3	37.8	0.68	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQS)		100	60	80	80	02	400	100	100	200	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Patel 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 : November- 2024

1. GENERAL DETAILS:

Name of Industry: Aard Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, VapL
Location: Near Security Gate-2 (Organic Div.)
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results													
Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	NH ₃	Ozone	Cl ₂	HCl	Benzene	BaP	Pb	Ni	As
1.	04/11/2024	72.5	35.3	31.2	39.6	0.69	15.3	20.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.	06/11/2024	81.5	39.2	37.4	41.5	0.83	--	--	BDL	BDL	--	--	--	--	--
3.	11/11/2024	69.4	33.5	30.3	37.2	0.75	--	--	BDL	BDL	--	--	--	--	--
4.	12/11/2024	58.9	27.1	25.1	29.4	0.53	--	--	BDL	BDL	--	--	--	--	--
5.	18/11/2024	74.2	29.6	23.8	32.8	0.71	--	--	BDL	BDL	--	--	--	--	--
6.	19/11/2024	83.1	40.3	37.5	44.3	0.85	--	--	BDL	BDL	--	--	--	--	--
7.	25/11/2024	65.8	32.7	29.2	36.7	0.51	--	--	BDL	BDL	--	--	--	--	--
8.	26/11/2024	78.3	31.9	27.6	35.1	0.82	--	--	BDL	BDL	--	--	--	--	--
	Maximum	83.1	40.4	37.5	44.3	0.85	--	--	BDL	BDL	--	--	--	--	--
	Minimum	58.9	27.1	23.8	29.4	0.51	--	--	BDL	BDL	--	--	--	--	--
	Average	72.7	33.7	30.2	37.0	0.71	--	--	BDL	BDL	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	100	200	06	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.
ANALYSED BY


AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : November- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-501, Phase-III, GIDC, Vapi.
Location: Near ETP (Organic Div.)
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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	
1.	04/11/2024	63.9	29.4	26.1	32.5	0.73	16.5	22.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	05/11/2024	73.2	35.6	33.5	37.3	0.85	--	--	BDL	BDL	--	--	--	--	--	
3.	11/11/2024	67.5	31.3	29.2	34.6	0.62	--	--	BDL	BDL	--	--	--	--	--	
4.	12/11/2024	59.8	27.5	25.4	29.2	0.54	--	--	BDL	BDL	--	--	--	--	--	
5.	18/11/2024	85.4	41.7	39.3	44.1	0.91	--	--	BDL	BDL	--	--	--	--	--	
6.	19/11/2024	78.7	38.8	35.1	40.4	0.74	--	--	BDL	BDL	--	--	--	--	--	
7.	25/11/2024	75.3	36.8	32.7	39.5	0.68	--	--	BDL	BDL	--	--	--	--	--	
8.	26/11/2024	80.6	38.1	34.6	42.7	0.71	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	85.4	41.7	39.3	44.1	0.91	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	69.8	27.5	25.4	29.2	0.54	--	--	BDL	BDL	--	--	--	--	--	
	Average	73.0	34.8	31.9	37.5	0.72	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQS)		100	60	60	80	02	400	100	100	200	05	01	01	20	05	

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

2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY


AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : December- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near Security Gate-1 (Organic Div.)
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	Cl ₂	HCl	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	02/12/2024	75.3	34.1	29.8	37.2	0.62	17.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	03/12/2024	81.4	40.5	36.2	43.5	0.54	--	--	BDL	BDL	--	--	--	--	--	
3.	08/12/2024	92.8	51.3	47.4	56.7	0.83	--	--	BDL	BDL	--	--	--	--	--	
4.	10/12/2024	88.2	43.4	39.6	46.8	0.71	--	--	BDL	BDL	--	--	--	--	--	
5.	16/12/2024	79.6	38.2	32.1	41.3	0.57	--	--	BDL	BDL	--	--	--	--	--	
6.	17/12/2024	67.2	32.6	27.5	39.6	0.66	--	--	BDL	BDL	--	--	--	--	--	
7.	23/12/2024	85.1	42.8	36.7	47.4	0.76	--	--	BDL	BDL	--	--	--	--	--	
8.	24/12/2024	70.8	33.7	28.3	40.2	0.54	--	--	BDL	BDL	--	--	--	--	--	
9.	30/12/2024	95.4	53.5	49.8	57.5	0.85	--	--	BDL	BDL	--	--	--	--	--	
10.	31/12/2024	83.7	41.2	37.5	49.1	0.77	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	95.4	53.5	49.8	57.5	0.85	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	67.2	32.6	27.5	37.2	0.54	--	--	BDL	BDL	--	--	--	--	--	
	Average	81.9	41.1	38.6	45.8	0.68	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	50	80	80	02	400	100	100	200	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS - 5959																

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

2. Note: BDL-Below Detectable Limit.

Ench. A.
ANALYSED BY

C. D. Soni
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : December- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near Security Gate-2 (Organic Div.)

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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	02/12/2024	82.4	40.5	35.1	43.2	0.72	17.4	21.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.	03/12/2024	78.3	38.2	32.8	40.3	0.65	--	--	BDL	BDL	--	--	--	--	--
3.	09/12/2024	90.5	43.4	39.5	48.7	0.83	--	--	BDL	BDL	--	--	--	--	--
4.	10/12/2024	89.9	31.8	27.2	37.5	0.65	--	--	BDL	BDL	--	--	--	--	--
5.	16/12/2024	86.7	42.3	38.4	48.4	0.68	--	--	BDL	BDL	--	--	--	--	--
6.	17/12/2024	74.2	34.6	30.3	39.1	0.77	--	--	BDL	BDL	--	--	--	--	--
7.	23/12/2024	93.8	52.1	47.1	58.8	0.88	--	--	BDL	BDL	--	--	--	--	--
8.	24/12/2024	86.3	29.7	25.7	33.2	0.49	--	--	BDL	BDL	--	--	--	--	--
9.	30/12/2024	84.1	41.8	36.2	45.6	0.92	--	--	BDL	BDL	--	--	--	--	--
10.	31/12/2024	71.8	32.9	28.8	36.3	0.63	--	--	BDL	BDL	--	--	--	--	--
	Maximum	93.8	52.1	47.1	58.8	0.92	--	--	BDL	BDL	--	--	--	--	--
	Minimum	68.3	29.7	25.7	33.2	0.49	--	--	BDL	BDL	--	--	--	--	--
	Average	79.8	38.8	34.8	42.7	0.71	--	--	BDL	BDL	--	--	--	--	--
	Permissible Limit (As Per NAAQMS)	100	60	80	80	02	400	100	100	200	05	01	01	20	08

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.

Analysis Summary Report for Ambient Air Quality Monitoring

Month: December- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-II, GIDC, Vapi.

Location: Near ETP (Organic Div.)

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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	
1.	02/12/2024	78.6	36.5	31.2	43.4	0.67	18.3	24.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	03/12/2024	85.4	41.7	37.5	46.2	0.73	--	--	BDL	BDL	--	--	--	--	--	
3.	09/12/2024	93.5	52.1	46.4	57.5	0.84	--	--	BDL	BDL	--	--	--	--	--	
4.	10/12/2024	80.2	38.8	33.1	43.8	0.76	--	--	BDL	BDL	--	--	--	--	--	
5.	16/12/2024	76.3	34.2	30.8	39.3	0.48	--	--	BDL	BDL	--	--	--	--	--	
6.	17/12/2024	65.9	30.8	26.7	35.6	0.54	--	--	BDL	BDL	--	--	--	--	--	
7.	23/12/2024	96.7	55.4	51.3	58.4	0.85	--	--	BDL	BDL	--	--	--	--	--	
8.	24/12/2024	89.1	43.3	40.8	47.9	0.78	--	--	BDL	BDL	--	--	--	--	--	
9.	30/12/2024	70.8	33.8	29.6	37.1	0.44	--	--	BDL	BDL	--	--	--	--	--	
10.	31/12/2024	91.2	45.6	41.5	49.7	0.88	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	96.7	55.4	51.3	58.4	0.88	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	65.9	30.8	26.7	35.6	0.44	--	--	BDL	BDL	--	--	--	--	--	
	Average	82.6	41.2	36.8	45.6	0.69	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	100	200	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Analysed by
ANALYSED BY

Authorized Signatory
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : January - 2025

1. GENERAL DETAILS:

Name of Industry: Aard Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.

Location: Near Security Gate-1 (Organic Div.)

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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	06/01/2025		83.5	40.2	36.4	44.7	0.74	18.4	6.5	BDL	BDL	BDL	BDL	BDL	BDL	
2.	07/01/2025		94.8	46.3	41.5	49.2	0.83	--	--	BDL	BDL	--	--	--	--	
3.	13/01/2025		87.2	41.7	38.6	45.3	0.92	--	--	BDL	BDL	--	--	--	--	
4.	14/01/2025		74.3	36.8	31.7	39.1	0.54	--	--	BDL	BDL	--	--	--	--	
5.	20/01/2025		68.9	32.6	28.3	38.4	0.48	--	--	BDL	BDL	--	--	--	--	
6.	21/01/2025		89.7	43.2	39.6	46.5	0.62	--	--	BDL	BDL	--	--	--	--	
7.	27/01/2025		78.6	36.4	32.8	40.8	0.71	--	--	BDL	BDL	--	--	--	--	
8.	28/01/2025		97.4	48.1	42.4	51.6	0.87	--	--	BDL	BDL	--	--	--	--	
	Maximum		97.4	48.1	42.4	51.6	0.92	--	--	BDL	BDL	--	--	--	--	
	Minimum		68.9	32.6	28.3	38.4	0.48	--	--	BDL	BDL	--	--	--	--	
	Average		84.0	40.1	38.2	44.4	0.71	--	--	BDL	BDL	--	--	--	--	
Permissible Limit (As Per NAAQMS)			100	60	80	80	02	400	100	100	200	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.

P. P. A.
ANALYSED BY

C. P. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient-Air Quality Monitoring

Month : January - 2026

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-601, Phase-II, GIDC, Vapi.

Location: Near Security Gate-2 (Organic Div.)

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	Cl ₂	HCl	Benzene	BeP	Pb	Ni	As
1.	06/01/2025	91.8	43.5	39.3	47.4	0.68	18.8	21.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.	07/01/2025	82.6	36.2	35.1	44.6	0.74	--	--	BDL	BDL	--	--	--	--	--
3.	13/01/2025	76.2	36.4	31.8	41.2	0.85	--	--	BDL	BDL	--	--	--	--	--
4.	14/01/2026	65.7	31.8	27.5	35.4	0.91	--	--	BDL	BDL	--	--	--	--	--
5.	20/01/2025	71.3	33.9	29.4	37.5	0.58	--	--	BDL	BDL	--	--	--	--	--
6.	21/01/2025	96.4	46.7	41.9	60.1	0.73	--	--	BDL	BDL	--	--	--	--	--
7.	27/01/2025	87.1	42.1	36.7	46.7	0.62	--	--	BDL	BDL	--	--	--	--	--
8.	28/01/2025	80.5	39.3	36.2	43.8	0.94	--	--	BDL	BDL	--	--	--	--	--
	Maximum	96.4	46.7	41.9	60.1	0.94	--	--	BDL	BDL	--	--	--	--	--
	Minimum	65.7	31.8	27.5	35.4	0.58	--	--	BDL	BDL	--	--	--	--	--
	Average	81.4	38.9	34.9	43.3	0.75	--	--	BDL	BDL	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	62	400	100	100	200	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

P. J. P. A.
ANALYSED BY

C. R. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : January- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.

Location: Near ETP (Organic Div.)

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	Cl ₂	HCl	Benzene	BaP	Pb
		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	µg/m ³	µg/m ³	ng/m ³	µg/m ³
1.	06/01/2025		84.2	39.8	36.2	43.6	0.82	18.9	25.3	BDL	BDL	BDL	BDL	BDL
2.	07/01/2025		75.6	36.5	32.1	41.8	0.73	--	--	BDL	BDL	--	--	--
3.	13/01/2025		90.8	44.3	40.6	48.6	0.95	--	--	BDL	BDL	--	--	--
4.	14/01/2025		89.4	41.7	37.5	46.2	0.86	--	--	BDL	BDL	--	--	--
5.	20/01/2025		68.7	33.6	29.8	36.1	0.69	--	--	BDL	BDL	--	--	--
6.	21/01/2025		72.9	34.4	31.7	39.4	0.78	--	--	BDL	BDL	--	--	--
7.	27/01/2025		91.3	42.6	38.3	47.3	0.93	--	--	BDL	BDL	--	--	--
8.	28/01/2025		79.4	38.2	34.4	42.9	0.84	--	--	BDL	BDL	--	--	--
		Maximum	91.3	44.3	40.6	48.6	0.95	--	--	BDL	BDL	--	--	--
		Minimum	68.7	33.6	29.8	36.1	0.69	--	--	BDL	BDL	--	--	--
		Average	81.6	38.9	34.9	43.4	0.82	--	--	BDL	BDL	--	--	--
		Permissible Limit (As Per NAAQS)	100	60	80	80	02	400	100	100	200	05	01	01

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

2. Note: BDL-Below Detectable Limit.

R. H. P. A.
ANALYSED BY

C. R. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : February-2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near Security Gate-1 (Organic Div.)
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results														
		Parameters	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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	03/02/2025		91.6	44.3	36.2	47.5	0.88	19.3	8.9	BDL	BDL	BDL	BDL	BDL	BDL	
2.	04/02/2025		85.2	41.5	33.4	45.2	0.71	--	--	BDL	BDL	--	--	--	--	
3.	10/02/2025		78.4	36.7	29.8	38.6	0.62	--	--	BDL	BDL	--	--	--	--	
4.	11/02/2025		66.9	32.6	25.3	36.1	0.53	--	--	BDL	BDL	--	--	--	--	
5.	17/02/2025		79.3	33.1	27.5	40.3	0.45	--	--	BDL	BDL	--	--	--	--	
6.	18/02/2025		63.7	40.2	32.8	45.8	0.88	--	--	BDL	BDL	--	--	--	--	
7.	24/02/2025		95.8	45.4	36.1	52.4	0.75	--	--	BDL	BDL	--	--	--	--	
8.	25/02/2025		89.1	42.8	31.7	50.7	0.66	--	--	BDL	BDL	--	--	--	--	
	Maximum		95.8	45.4	36.2	52.4	0.88	--	--	BDL	BDL	--	--	--	--	
	Minimum		66.8	32.6	25.3	36.1	0.48	--	--	BDL	BDL	--	--	--	--	
	Average		82.6	39.6	31.5	44.6	0.65	--	--	BDL	BDL	--	--	--	--	
Permissible Limit (As Per NAAQMS)			100	60	80	80	02	400	100	100	200	05	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

P. J. A.
ANALYSED BY

C. L. S.
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : February - 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near Security Gate-2 (Organic Div.)
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	Cl ₂	HCl	Benzene	CaP	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/02/2025	89.6	42.4	35.2	49.1	0.81	17.2	22.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	04/02/2025	77.2	36.1	28.5	42.3	0.72	---	---	BDL	BDL	---	---	---	---	---	
3.	10/02/2025	62.8	30.5	23.4	37.5	0.95	---	---	BDL	BDL	---	---	---	---	---	
4.	11/02/2025	90.7	44.6	38.3	51.7	0.64	---	---	BDL	BDL	---	---	---	---	---	
5.	17/02/2025	79.4	37.3	30.1	44.2	0.89	---	---	BDL	BDL	---	---	---	---	---	
6.	18/02/2025	68.5	32.7	25.6	39.4	0.98	---	---	BDL	BDL	---	---	---	---	---	
7.	24/02/2025	85.3	40.8	32.7	47.6	0.77	---	---	BDL	BDL	---	---	---	---	---	
8.	25/02/2025	81.2	38.2	29.8	45.1	0.61	---	---	BDL	BDL	---	---	---	---	---	
	Maximum	90.7	44.6	38.3	51.7	0.95	---	---	BDL	BDL	---	---	---	---	---	
	Minimum	62.8	30.5	23.4	37.5	0.51	---	---	BDL	BDL	---	---	---	---	---	
	Average	79.3	37.8	30.5	44.6	0.73	---	---	BDL	BDL	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	60	02	400	100	100	200	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY


AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : February- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No.-801, Phase-III, GIDC, Vapi.
Location: Near ETP (Organic Div.)
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	Cl ₂	HCl	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/02/2025	78.5	36.3	28.6	39.7	0.75	19.2	17.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	04/02/2025	85.3	41.8	33.5	46.2	0.92	--	--	BDL	BDL	--	--	--	--	--	
3.	10/02/2025	93.4	45.7	37.4	51.8	0.84	--	--	BDL	BDL	--	--	--	--	--	
4.	11/02/2025	72.8	34.2	25.7	37.3	0.63	--	--	BDL	BDL	--	--	--	--	--	
5.	17/02/2025	80.8	38.1	30.2	43.5	0.88	--	--	BDL	BDL	--	--	--	--	--	
6.	18/02/2025	97.2	48.5	38.1	50.1	0.77	--	--	BDL	BDL	--	--	--	--	--	
7.	24/02/2025	68.9	32.4	23.3	35.6	0.91	--	--	BDL	BDL	--	--	--	--	--	
8.	25/02/2025	75.7	35.8	28.9	41.4	0.55	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	97.2	48.5	38.1	51.8	0.82	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	68.9	32.4	23.3	35.6	0.65	--	--	BDL	BDL	--	--	--	--	--	
	Average	81.5	38.9	30.4	43.2	0.78	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	50	80	80	02	400	100	100	200	05	01	01	20	05	

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

2. Note: BDL-Below Detectable Limit.

P. K. P. A.
ANALYSED BY

C. R. ...
AUTHORIZED SIGNATORY

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

Analyse Summary Report for Ambient Air Quality Monitoring

Month : March-2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.) Plot No.-801, Phase-III, GIDC, Vapi
Location: Near Security Gate-1 (Organic Div.)

Duration of Sampling: 24 hours

2. Analyze 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	Cl ₂ µg/m ³	HCl µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	03/03/2025		55.6	42.3	35.1	49.6	0.64	20.4	7.3	BDL	BDL	BDL	BDL	BDL	BDL	
2.	04/03/2025		76.8	38.2	30.2	44.8	0.57	--	--	BDL	BDL	--	--	--	--	
3.	10/03/2025		87.6	29.7	23.4	33.7	0.95	--	--	BDL	BDL	--	--	--	--	
4.	11/03/2025		61.3	38.4	31.5	42.3	0.77	--	--	BDL	BDL	--	--	--	--	
5.	17/03/2025		59.4	33.5	29.3	39.2	0.82	--	--	BDL	BDL	--	--	--	--	
6.	18/03/2025		94.2	46.7	39.8	53.4	0.81	--	--	BDL	BDL	--	--	--	--	
7.	24/03/2025		74.1	32.8	27.5	43.3	0.56	--	--	BDL	BDL	--	--	--	--	
8.	25/03/2025		83.7	40.6	32.8	46.1	0.72	--	--	BDL	BDL	--	--	--	--	
9.	31/03/2025		70.5	31.9	25.1	41.8	0.88	--	--	BDL	BDL	--	--	--	--	
10.	01/04/2025		66.2	48.3	37.7	52.9	0.92	--	--	BDL	BDL	--	--	--	--	
	Maximum		94.2	46.7	39.8	53.4	0.95	--	--	BDL	BDL	--	--	--	--	
	Minimum		67.5	29.1	23.4	33.7	0.56	--	--	BDL	BDL	--	--	--	--	
	Average		80.1	37.9	31.1	44.0	0.74	--	--	BDL	BDL	--	--	--	--	
Permissible Limit (As Per NAAQS)			100	50	80	80	02	400	100	100	200	95	01	01	20	
3. Remark: - 1. Method Followed: IS- 5182.																

3. Remark : 1. Method Followed: IS- 5162.

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : March-2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Main Div.), Plot No. 401, Phase-II, GIDC, Vapi.
Location: Near Security Gate-2 (Organic Div.)

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	Cl ₂	HCl	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	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/03/2025	91.6	44.3	35.7	50.2	0.47	18.1	22.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2.	04/03/2025	88.2	41.6	32.3	46.5	0.58	--	--	BDL	BDL	--	--	--	--	--	
3.	10/03/2025	65.8	31.8	24.8	39.3	0.64	--	--	BDL	BDL	--	--	--	--	--	
4.	11/03/2025	76.4	35.7	30.1	41.8	0.72	--	--	BDL	BDL	--	--	--	--	--	
5.	17/03/2025	95.7	48.1	41.8	53.7	0.81	--	--	BDL	BDL	--	--	--	--	--	
6.	18/03/2025	68.9	32.5	28.8	38.4	0.95	--	--	BDL	BDL	--	--	--	--	--	
7.	24/03/2025	82.1	40.8	33.2	48.1	0.88	--	--	BDL	BDL	--	--	--	--	--	
8.	25/03/2025	72.2	33.0	27.4	40.0	0.58	--	--	BDL	BDL	--	--	--	--	--	
9.	31/03/2025	62.4	45.2	40.5	52.8	0.75	--	--	BDL	BDL	--	--	--	--	--	
10.	01/04/2025	80.8	38.4	31.7	44.9	0.82	--	--	BDL	BDL	--	--	--	--	--	
	Maximum	96.7	48.1	41.8	53.7	0.98	--	--	BDL	BDL	--	--	--	--	--	
	Minimum	65.9	31.8	24.9	38.4	0.47	--	--	BDL	BDL	--	--	--	--	--	
	Average	81.2	39.2	32.8	46.6	0.69	--	--	BDL	BDL	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		108	60	80	80	02	400	100	180	200	08	01	01	28	06	
3. Remark: - 1. Method Followed IS- 5182																

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.

Analysis Summary Report for Ambient Air Quality Monitoring

Month : March-2025

1. GENERAL DETAILS:

Name of Industry: Aard Industries Ltd. (Main Div.), Plot No. 401, Phase-II, GIDC, Vapi.
Location: Near ETP (Organic Div.)

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results													
		Parameters	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	AH ₃	Ozone	Cl ₂	HCl	Benzene	BaP	Pb
1.	03/03/2025		µg/m ³	67.8	38.3	30.3	39.2	0.73	26.5	18.2	BDL	BDL	BDL	BDL	BDL
2.	04/03/2025		µg/m ³	79.4	37.2	30.2	43.5	0.64	--	--	BDL	BDL	--	--	--
3.	10/03/2025		µg/m ³	84.6	40.1	34.6	46.1	0.85	--	--	BDL	BDL	--	--	--
4.	11/03/2025		µg/m ³	78.6	35.2	28.1	42.7	0.72	--	--	BDL	BDL	--	--	--
5.	17/03/2025		µg/m ³	82.3	27.6	21.4	33.8	0.81	--	--	BDL	BDL	--	--	--
6.	18/03/2025		µg/m ³	87.7	41.2	35.7	47.3	0.92	--	--	BDL	BDL	--	--	--
7.	24/03/2025		µg/m ³	79.2	35.7	29.8	48.8	0.66	--	--	BDL	BDL	--	--	--
8.	28/03/2025		µg/m ³	80.1	38.6	31.8	44.7	0.75	--	--	BDL	BDL	--	--	--
9.	31/03/2025		µg/m ³	68.9	31.2	25.3	38.4	0.68	--	--	BDL	BDL	--	--	--
10.	01/04/2025		µg/m ³	70.8	33.5	27.2	39.6	0.56	--	--	BDL	BDL	--	--	--
		Maximum		87.7	41.2	35.7	47.3	0.92	--	--	BDL	BDL	--	--	--
		Minimum		62.3	27.6	21.4	33.8	0.52	--	--	BDL	BDL	--	--	--
		Average		74.9	38.3	28.8	41.5	0.69	--	--	BDL	BDL	--	--	--
		Permissible Limit (As Per NAQMS)		100	60	80	80	02	400	100	100	300	05	41	01

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

2. Note: BDL-Below Detectable Limit.

By: *[Signature]*
ANALYSED BY

[Signature]
AUTHORIZED SIGNATORY

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

Annexure - 4

Following are the end users where we sold the spent Sulphuric Acid and Hydrochloric Acid

70 Percentage Spent Sulphuric Acid	
Sr. No.	End User Name
1	M/s. Aarti Fertilizer (A Division of Aarti Industries)
2	M/s. Aarti Industries Limited (Alchemie Organics Division)
3	M/s Everest fertilizers and chemicals pvt. ltd
4	M/s Hemani Intermediates Pvt Ltd
5	M/s. Ideal Dye Chem Industries (Unit-II)
6	M/s. India Gelatine Chemical Ltd
30 Percentage HCl	
Sr. No.	End User Name
1	M/s. Aarti industries limited (Amine Division)
2	M/s. Aarti Industries Limited (Alchemie Organics Division)
3	M/s. Aarti Salt and Chemicals
4	M/s Gurunank Chemical industries
5	M/s Palsai Industries
6	M/s Savita fine chemicals
7	M/s Modheswarl chemtech
8	M/s Spectrum dyes and chemicals pvt. ltd
9	M/s. Hemani Intermediates Pvt. Ltd
10	M/s. Ideal Dye Chem Industries (Unit-II)
11	M/s. India Gelatine Chemical Ltd
12	M/s. Shree Sai Industries
13	M/s. Aarti Industries Limited (Anushakti)
14	M/s. Nutan dye chem

Total fresh water consumption break up for period Oct 2024 to March 2025			
Month	Avg fresh water Consumption (KLD)	Avg recycled water Consumption (KLD)	Avg Total water Consumption (KLD)
October 2024	377.77	102.58	479.35
November 2024	357.87	114.60	472.47
December 2024	526.81	118.94	645.65
January 2025	429.87	118.35	548.23
February 2025	521.32	142.75	664.07
March 2025	481.10	117.61	598.71
Prescribed Limit/Day	732	215	947

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400009457F	Issue Date : 15-10-2024
ULR No : TC58852400009457F	Discipline : Biological	Group : Environment & Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Nikunj Vaghshiya	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 15-10-2024	
Sampling Method : WI/WW/A & WI/M/A	Sample ID : 1024/WW09457	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96 hours in 100% effluent	90% Survival of fish after 96 hours in 100% effluent	IS 5582 (Part-2):2001

Megha Gowda

CHECKED BY
Megha Gowda

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

Harendra Solanki

REVIEWED AND AUTHORISED BY
Harendra Solanki (Sr. Manager)

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/7.9/01	Test Report No : TC58852400009457F	Issue Date : 16-10-2024
ULR No : TC58852400009457F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet	Qty / Nos of Sample : 10 L / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghaseiya	Packing / Seal : Sealed
Date of Sampling : 07-10-2024	Protocol / Purpose : Waste Water Analysis
Sample Received Date : 08-10-2024	Date of Completion : 15-10-2024
Date of Starting of Test : 08-10-2024	Sample ID : 1024/WW09457
Sampling Method : WI/WW/A & WI/MI/A	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	--	7.21(at 25.3°C)	6.5-8.5	IS 3025 (Part-11):2022
2	Colour	Pt. Co.	79	-	APHA 24th Edl (Part-2000,Section 2120 C):2023
3	Temperature	°C	29.3	40	IS 3025 (Part 9) : 2023
4	Total Suspended Solids	mg/L	25.0	300	IS 3025 (Part 17) : 2022
5	Total Dissolved Solids (at 180°C)	mg/L	952	2100	IS 3025 (Part 16) : 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 39) : 2021
7	Chemical Oxygen Demand (COD)	mg/L	79.7	1000	IS 3025 (Part 68) : 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	21.8	400	IS 3025 (Part 44) : 2023
9	Ammonical Nitrogen (as NH ₄ -N)	mg/L	0.37	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1) : 2022 Clause 5
11	Chloride (as Cl)	mg/L	121	600	IS 3025 (Part-32):1988
12	Sulphate (as SO ₄)	mg/L	78.3	1000	IS 3025 (Part 24/Sec 1) : 2022 Clause 5
13	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Edl (Part-4000, Section 4500 F- D), 2023
14	Total Chromium (as Cr)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part- 52):2003 Clause 7
15	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part- 52):2003
16	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part- 53):2003 Clause 7
17	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Edl (Part-4000,Section 4500 S2-)F, 2023
18	Copper (as Cu)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part- 42):1992 Clause 6
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47):1994 Clause 7

Continues.....

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

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400009457F	Issue Date : 18-10-2024
ULR No : TC58852400009457F	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 390195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 15-10-2024	
Sampling Method : WI/WW/A & WI/M/A	Sample ID : 1024/WW09457	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section : 3112 B) 2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part-54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	5.0	IS 3025 (Part-49):1994 Clause 8
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	0.05	IS 3025 (Part 41) : 2023 Clause 5
25	Cyanide (as CN-)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000,Section : 4500 CN-IE, 2023
26	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
27	Pesticide (BHC, Heptachlor, Aldrin, Heptachl or Epoxide, 4,4' DDE, Endosulfan , Dieldrin, Endrin, 4,4' DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL(<50)	Absent	USEPA 8141b, 2007
28	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022

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)

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 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000958/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Pollution & Environment

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet

Sampling By : ENPRO Team-Mr. Nikunj Vaghshiya

Qty / Nos of Sample : 10 L / 1 No.

Date of Sampling : 07-10-2024

Packing / Seal : Sealed

Sample Received Date : 08-10-2024

Protocol / Purpose : Waste Water Analysis

Date of Starting of Test : 08-10-2024

Date of Completion : 15-10-2024

Sampling Method : WI/WW/A & WI/MUA

Sample ID : 1024/WW09457

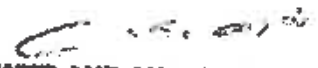
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL(<0.01)	2.0	IS: 3025 (Part-52)-2003

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)

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 : QP/7.8/01	Test Report No : TC588524000010770F	Issue Date : 21-11-2024
ULR No : TC588524000010770F	Discipline : Biological	Group : Environment & Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr. Vihang Patel	Qty / Nos. of Sample : 10 L / 1 No.	
Date of Sampling : 13-11-2024	Packing / Seal : Sealed	
Sample Received Date : 14-11-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 14-11-2024	Date of Completion : 20-11-2024	
Sampling Method : W/WW/A & W/WW/A	Sample ID : 1724/WW10770	

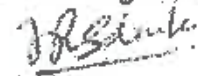
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96hrs in 100% effluent	90% Survival of fish after 96hrs in 100% effluent	IS 6582 (Part-2) 2001



CHECKED BY
Megha Gowda

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



REVIEWED AND AUTHORISED BY
Harendra Solanki (Sr. Manager)

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/7.8/01	Test Report No : TC588524000010770F	Issue Date : 21-11-2024
ULR No : TC588524000010770F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet
Sampling By : ENPRO Team-Mr.Vihang Patel
Date of Sampling : 13-11-2024
Sample Received Date : 14-11-2024
Date of Starting of Test : 14-11-2024
Sampling Method : W/WW/A & W/M/A
Qty / Nos of Sample : 10 L / 1 No.
Packing / Seal : Sealed
Protocol / Purpose : Waste Water Analysis
Date of Completion : 20-11-2024
Sample ID : 1124/WW/10770

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	--	7.34(at 25.1°C)	6.5-8.5	IS 3025 (Part-11):2022
2	Colour	Pl Co.	68		APHA 24th Ed. (Part-2000 Section 2120 C) 2023
3	Temperature	°C	30.4	40	IS 3025 (Part 9) : 2023
4	Total Suspended Solids	mg/L	18.0	300	IS 3025 (Part 17) : 2022
5	Total Dissolved Solids (at 180°C)	mg/L	1078	2100	IS 3025 (Part 16) : 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 38) : 2021
7	Chemical Oxygen Demand (COD)	mg/L	81.8	1000	IS 3025 (Part 58) : 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	26.0	400	IS 3025 (Part 44) : 2023
9	Ammonical Nitrogen (as NH ₃ -N)	mg/L	0.46	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1) : 2022 Clause 5
11	Chloride (as Cl)	mg/L	136	600	IS 3025 (Part 32): 1988
12	Sulphate (as SO ₄)	mg/L	86.2	1000	IS 3025 (Part 24/Sec 1) : 2022 Clause 5
13	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Ed. (Part 4000, Section 4500 F- D), 2023
14	Total Chromium (as Cr)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part-52):2003 Clause 7
15	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part-52):2003
16	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part-53):2003 Clause 7
17	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Ed. (Part 4000, Section 4500 S2- F), 2023
18	Copper (as Cu)	mg/L	BDL(<0.05)	0.2	IS 3025 (Part- 42): 1992 Clause 6
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47): 1994 Clause 7

Continue.....

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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010770F	Issue Date : 21-11-2024
ULR No : TC588524000010770F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No. 801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet
Sampling By : ENPRO Team-Mr.Vihang Patel
Date of Sampling : 13-11-2024
Sample Received Date : 14-11-2024
Date of Starting of Test : 14-11-2024
Sampling Method : W/M/W/A & W/M/A
Qty / Nos of Sample : 10 L / 1 No.
Packing / Seal : Sealed
Protocol / Purpose : Waste Water Analysis
Date of Completion : 20-11-2024
Sample ID : 1124/MW/10770

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section: 3112 B) 2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section: 3114 C) 2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part 54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	5.0	IS 3025 (Part 49):1994 Clause 6
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	0.05	IS 3025 (Part 41) : 2023 Clause 5
25	Cyanide (as CN-)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000, Section: 4500 CN-E) 2023
26	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section: 3114 C) 2023
27	Pesticide (BHC, Heptachlor, Aldrin, Heptachlor Epoxide, 4,4' DDE, Endosulfan, Dieldrin, Endrin, 4,4' DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL(<50)	Absent	USEPA-8141b, 2007
28	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022

Note : BDL :- Below Detectable Limit.

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 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001021/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 13-11-2024	Packing / Seal : Sealed	
Sample Received Date : 14-11-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 14-11-2024	Date of Completion : 20-11-2024	
Sampling Method : WI/WW/A & WI/MI/A	Sample ID : 1124/WW10770	

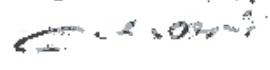
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL(<0.01)	2.0	IS. 3025 (Part-52)-2003

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)

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

Formal No : QR/7.8/01	Test Report No : TC588524000012013F	Issue Date : 18-12-2024
ULR No : TC588524000012013F	Discipline : Biological	Group : Environment & Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 17-12-2024	
Sampling Method : WWW/A & W/M/A	Sample ID : 1224/MW12013	

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96hrs in 100% effluent	90% Survival of fish after 96hrs in 100% effluent	IS 8582 (Part-2):2001

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

REVIEWED AND AUTHORISED BY
Harendra Solanki (Sr. Manager)

CHECKED BY
Megha Gowda

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/7.8/01	Test Report No : TC588524000012013F	Issue Date : 18-12-2024
ULR No : TC588524000012013F	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr. Vinhang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 17-12-2024	
Sampling Method : WWWW/A & WWWW/A	Sample ID : 1224/WW12013	

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	-	7.43(at 23.1°C)	6.5-8.5	IS 3025 (Part-11):2022
2	Colour	PL Co.	81	-	APHA 24th Ed. (Part-2000,Section 2120 C):2023
3	Temperature	°C	31.1	40	IS 3025 (Part 9): 2023
4	Total Suspended Solids	mg/L	24.0	300	IS 3025 (Part 17): 2022
5	Total Dissolved Solids (at 180°C)	mg/L	1184	2100	IS 3025 (Part 16): 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 39): 2021
7	Chemical Oxygen Demand (COD)	mg/L	92.6	1000	IS 3025 (Part 58): 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	28.4	400	IS 3025 (Part 44): 2023
9	Ammonical Nitrogen (as NH ₃ -N)	mg/L	0.53	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1): 2022 Clause 5
11	Chloride (as Cl)	mg/L	145	500	IS 3025 (Part-32):1988
12	Sulphate (as SO ₄)	mg/L	95.4	1000	IS 3025 (Part 24/Sec 1): 2022 Clause 5
13	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Ed. (Part:4000, Section:4500 F- D): 2023
14	Total Chromium (as Cr)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part- 52):2003 Clause 7
15	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part- 52):2003
16	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part- 53):2003 Clause 7
17	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Ed. (Part:4000,Section:4500 S2-)F, 2023
18	Copper (as Cu)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part- 42):1992 Clause 6
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47):1994 Clause 7

Continue.....

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.

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012013F	Issue Date : 18-12-2024
ULR No : TC588524000012013F	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No. -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr Vihang Patel	Qty / Nos of Sample : 10 L / 1 No	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 17-12-2024	
Sampling Method : W/WWW/A & W/MI/A	Sample ID : 1224/W/12013	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section : 3112.8)2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section : 3114 C)2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part-54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	6.0	IS 3025 (Part-49):1994 Clause 6
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	0.05	IS 3025 (Part 41) : 2023 Clause 5
25	Cyanide (as CN-)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000, Section : 4500 CN-E, 2023
26	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section : 3114 C)2023
27	Pesticide (BHC, Heptachlor, Aldrin, Heptachlor Epoxide, 4,4' DDE, Endosulfan, Dieldrin, Endrin, 4,4' DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL(<50)	Absent	USEPA, 8141b, 2007
28	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022

Note : BDL :- Below Detectable Limit

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

CHECKED BY
Sneha Patel (Dy. TM)

REVIEWED AND AUTHORIZED BY
Chaitan 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 2 of 2

Test Report

Format No : QR7.001	Test Report No : ETL/005861/24	Issue Date : 18-12-2024
ULR No : NA	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 386195, Dist. - Valsad		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 17-12-2024	
Sampling Method : WI/WWIA & WI/MIA	Sample ID : 1224/WW12013	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL(<0.01)	2.0	IS: 3025 (Part-52)-2003

Note : BDL : Below Detectable Limit

CHECKED BY
Sweety Patel (Dy.TM)

ENPRO Enviro Tech and Engineers Pvt.Ltd (ETL)

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/7.8/01	Test Report No : TC588525000000390F	Issue Date : 22-01-2025
ULR No : TC588525000000390F	Discipline : Biological	Group : Environment & Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 13-01-2025	Packing / Seal : Sealed	
Sample Received Date : 15-01-2025	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 15-01-2025	Date of Completion : 21-01-2025	
Sampling Method : WI/WW/A & WI/M/A	Sample ID : 0125/WW00390	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96hrs in 100% effluent	90% Survival of fish after 96hrs in 100% effluent	IS 8582 (Part-2):2001


CHECKED BY
Divya Gupta

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


REVIEWED AND AUTHORISED BY
Megha Gowda (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/7.8/01	Test Report No : TC588525000000390F	Issue Date : 22-01-2025
ULR No : TC588525000000390F	Discipline : Chemical	Group : Pollution & Environment

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

Plot No. -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet	Qty / Nos of Sample : 10 L / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-01-2025	Protocol / Purpose : Waste Water Analysis
Sample Received Date : 15-01-2025	Date of Completion : 21-01-2025
Date of Starting of Test : 15-01-2025	Sample ID : 0125/WW00390
Sampling Method : WI/WW/A & WI/MI/A	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	--	7.38(at 24.9°C)	6.5-8.5	IS 3025 (Part-11):2022
2	Colour	Pl Co.	77	-	APHA 24th Ed. (Part-2000,Section:2120 C):2023
3	Temperature	°C	30.7	40	IS 3025 (Part 9) : 2023
4	Total Suspended Solids	mg/L	32.0	300	IS 3025 (Part 17) : 2022
5	Total Dissolved Solids (at 180°C)	mg/L	1348	2100	IS 3025 (Part 18) : 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 38) : 2021
7	Chemical Oxygen Demand (COD)	mg/L	108.4	1000	IS 3025 (Part 58) : 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	31.8	400	IS 3025 (Part 44) : 2023
9	Ammonical Nitrogen (as NH ₃ -N)	mg/L	0.68	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1) : 2022 Clause 5
11	Chloride (as Cl)	mg/L	185	600	IS 3025 (Part-32):1988
12	Sulphate (as SO ₄)	mg/L	112	1000	IS 3025 (Part 24/Sec 1) : 2022 Clause 5
13	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Ed. (Part:4000, Section:4500 F- -D), 2023
14	Total Chromium (as Cr.)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part- 52):2003 Clause 7
15	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part- 52):2003
16	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part- 53):2003 Clause 7
17	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Ed. (Part:4000,Section:4500 S2-)-F, 2023
18	Copper (as Cu)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part- 42):1992 Clause 6
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47):1994 Clause 7

Continues.....

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

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000390F	Issue Date : 22-01-2025
ULR No : TC588525000000390F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet	Qty / Nos of Sample : 10 L / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-01-2025	Protocol / Purpose : Waste Water Analysis
Sample Received Date : 15-01-2025	Date of Completion : 21-01-2025
Date of Starting of Test : 15-01-2025	Sample ID : 0125/WW00390
Sampling Method : WI/WW/A & WI/MI/A	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section : 3112 B) 2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part-54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	5.0	IS 3025 (Part-49):1994 Clause 6
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	0.05	IS 3025 (Part 41) : 2023 Clause 5
25	Cyanide (as CN-)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000, Section : 4500 CN-E, 2023
26	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
27	Pesticide (BHC, Heptachlor, Aldrin, Heptachlor Epoxide, 4,4' DDE, Endosulfan, Dieldrin, Endrin, 4,4' DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL(<50)	Absent	USEPA 8141b, 2007
28	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022

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)

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 2 of 2

Test Report

Format No : QR7.8/01	Test Report No : ETL/000027/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Pollution & Environment

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.

Description of Sample	: ETP Outlet	Qty / Nos of Sample	: 10 L / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-01-2025	Protocol / Purpose	: Waste Water Analysis
Sample Received Date	: 15-01-2025	Date of Completion	: 21-01-2025
Date of Starting of Test	: 15-01-2025	Sample ID	: 0125/VW00390
Sampling Method	: W/WW/A & W/M/A		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL(<0.01)	2.0	IS: 3025 (Part-52)-2003

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)

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

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



TC - 5885

Test Report

Formel No : QR/7.8/01	Test Report No : TC588526000001547F	Issue Date : 24-02-2025
ULR No : TC588525000001547F	Discipline : Biological	Group : Environment & Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/29, Phase-III, GIDC Estate, Vapi- 386195, Dist - Valsad.

Description of Sample : ETP Outlet	Qty / Nos of Sample : 10 L / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 17-02-2025	Protocol / Purpose : Waste Water Analysis
Sample Received Date : 18-02-2025	Date of Completion : 24-02-2025
Date of Starting of Test : 18-02-2025	Sample ID : 0225/WW01547
Sampling Method : WIM/WW/A & WIM/II/A	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96hrs in 100% effluent	90% Survival of fish after 96hrs in 100% effluent	IS 8592 (Part-2):2001

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

Divya Gupta
CHECKED BY
Divya Gupta

Megha Gowda
REVIEWED AND AUTHORISED BY
Megha Gowda (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/7.8/01	Test Report No : TC588525000001547F	Issue Date : 24-02-2025
ULR No : TC588525000001547F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: ETP Outlet	Qty / Nos of Sample	: 10 L / 1 No.
Sampling By	: ENPRO Team-Mr.Vhang Patel	Packing / Seal	: Sealed
Date of Sampling	: 17-02-2025	Protocol / Purpose	: Waste Water Analysis
Sample Received Date	: 18-02-2025	Date of Completion	: 24-02-2025
Date of Starting of Test	: 18-02-2025	Sample ID	: 0225/WW01547
Sampling Method	: WI/WW/A & WI/MI/A		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	-	7.53(at 24.4°C)	6.5-8.5	IS 3025 (Part-11):2022
2	Colour	Pt. Co.	83	-	APHA 24th Edl (Part-2000,Section 2120 C):2023
3	Temperature	°C	29.3	40	IS 3025 (Part 9) : 2023
4	Total Suspended Solids	mg/L	38.0	300	IS 3025 (Part 17) : 2022
5	Total Dissolved Solids (at 18°C)	mg/L	1278	2100	IS 3025 (Part 16) : 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 39) : 2021
7	Chemical Oxygen Demand (COD)	mg/L	95.1	1000	IS 3025 (Part 56) : 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	27.5	400	IS 3025 (Part 44) : 2023
9	Ammonical Nitrogen (as NH ₄ -N)	mg/L	0.49	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1) : 2022 Clause 5
11	Chloride (as Cl)	mg/L	188	600	IS 3025 (Part-32):1988
12	Sulphate (as SO ₄)	mg/L	128	1000	IS 3025 (Part 24/Sec 1) : 2022 Clause 5
13	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Edl (Part-4000 Section 4500 F -D), 2023
14	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Edl (Part-4000,Section 4500 S2-J), 2023
15	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part- 52):2003
16	Total Chromium (as Cr)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part- 52):2003 Clause 7
17	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part- 53):2024 Clause 7
18	Copper (as Cu)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part- 42):1992 Clause 6
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47):2024 Clause 5

Continue.....

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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001547F	Issue Date : 24-02-2025
ULR No : TC588525000001547F	Discipline : Chemical	Group : Pollution & Environment

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : ETP Outlet

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 10 L / 1 No.

Date of Sampling : 17-02-2025

Packing / Seal : Sealed

Sample Received Date : 18-02-2025

Protocol / Purpose : Waste Water Analysis

Date of Starting of Test : 18-02-2025

Date of Completion : 24-02-2025

Sampling Method : W/W/W/A & W/M/A

Sample ID : 0226/WW/01547

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section : 3112 B) 2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part-54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	5.0	IS 3025 (Part-49):1994 Clause 6
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	0.03	IS 3025 (Part 41) : 2023 Clause 6
25	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section : 3114 C) 2023
26	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022
27	Cyanide (as CN ⁻)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000, Section : 4500 CN-IE, 2023
28	Pesticide (BHC, Heptachlor, Aldrin, Heptachlor Epoxide, 4,4' DDE, Endosulfan, Dieldrin, Endrin, 4,4' DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL(<50)	Absent	USEPA-8141b, 2007

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)

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 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000631/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : ETP Outlet	
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.
Date of Sampling : 17-02-2025	Packing / Seal : Sealed
Sample Received Date : 18-02-2025	Protocol / Purpose : Waste Water Analysis
Date of Starting of Test : 18-02-2025	Date of Completion : 24-02-2025
Sampling Method : W/WWW/A & W/M/A	Sample ID : 0225/WW01547

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL(<0.01)	2.0	IS: 3025 (Part-52)-2003

Note : BDL :- Below Detectable Limit

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

CHECKED BY
Sweety Patel (Dy.TM)

REVIEWED AND AUTHORISED BY
Chintan Dasai (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/7.8/01	Test Report No : TC588525000002522F	Issue Date : 19-03-2025
ULR No : TC588525000002522F	Discipline : Biological	Group : Environment & Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : ETP Outlet	
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.
Date of Sampling : 11-03-2025	Packing / Seal : Sealed
Sample Received Date : 12-03-2025	Protocol / Purpose : Waste Water Analysis
Date of Starting of Test : 12-03-2025	Date of Completion : 18-03-2025
Sampling Method : W/WW/A & W/M/A	Sample ID : 0325/WW02522

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Bio- Assay Test	%	90% Survival of fish after 96hrs in 100% effluent	90% Survival of fish after 96hrs in 100% effluent	IS 5582 (Part-2):2001

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


CHECKED BY
Divya Gupta


REVIEWED AND AUTHORISED BY
Megha Gowda (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/7.8/01	Test Report No : TC588525000002522F	Issue Date : 19-03-2025
ULR No : TC588525000002522F	Discipline : Chemical	Group : Pollution & Environment
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vinay Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 18-03-2025	
Sampling Method : W/WW/A & W/M/A	Sample ID : 0325/WW02522	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	pH	-	7.42(at 25.2°C)	8.5-8.5	IS 3025 (Part-11):2022
2	Colour	Pl. Co.	86		APHA 24th Ed. (Part-2000,Section:2120 C):2023
3	Temperature	°C	43	5°C above ambient temperature	IS 3025 (Part 9) : 2023
4	Total Suspended Solids	mg/L	48.0	300	IS 3025 (Part 17) : 2022
5	Total Dissolved Solids (at 180°C)	mg/L	1324	2100	IS 3025 (Part 16) : 2023
6	Oil & Grease	mg/L	BDL(<0.4)	10	IS 3025 (Part 39) : 2021
7	Chemical Oxygen Demand (COD)	mg/L	111	1000	IS 3025 (Part 58) : 2023
8	Biochemical Oxygen Demand (3 Days at 27°C)	mg/L	35.1	400	IS 3025 (Part 44) : 2023
9	Ammonical Nitrogen (as NH ₄ -N)	mg/L	0.62	50	IS 3025 (Part 34):1988 Clause 2
10	Phenolic Compound	mg/L	BDL(<0.2)	1.0	IS 3025 (Part 43/Sec 1) : 2022 Clause 5
11	Chloride (as Cl)	mg/L	182	600	IS 3025 (Part-32):1988
12	Hexavalent Chromium (as Cr)	mg/L	BDL(<0.01)	0.1	IS 3025 (Part- 62):2003
13	Sulphate (as SO ₄)	mg/L	104	1000	IS 3025 (Part 24/Sec 1) : 2022 Clause 5
14	Fluoride (as F)	mg/L	BDL(<0.5)	2.0	APHA 24th Ed. (Part:4000, Section:4500 F- -D). 2023
15	Sulphide (as S ²⁻)	mg/L	BDL(<0.4)	2.0	APHA 24th Ed. (Part:4000,Section:4500 S2-)-F. 2023
16	Total Chromium (as Cr)	mg/L	BDL(<0.06)	2.0	IS 3025 (Part- 52):2003 Clause 7
17	Iron (as Fe)	mg/L	BDL(<0.2)	3.0	IS 3025 (Part- 53):2024 Clause 7
18	Copper (as Cu)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part- 42):2024 Clause 8

Continue.....

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.

Page 1 of 2



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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002522F	Issue Date : 19-03-2025
ULR No : TC588525000002522F	Discipline : Chemical	Group : Pollution & Environment

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 398195, Dist. - Valsad.		
Description of Sample : ETP Outlet		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 10 L / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Waste Water Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 18-03-2025	
Sampling Method : W/WW/A & W/MVA	Sample ID : 0325/WW02622	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
19	Lead (as Pb)	mg/L	BDL(<0.05)	0.1	IS 3025 (Part-47):2024 Clause 5
20	Mercury (as Hg)	mg/L	BDL(<0.001)	0.01	APHA-24th Edition (Part - 3000, Section: 3112 B) 2023
21	Arsenic (as As)	mg/L	BDL(<0.001)	0.2	APHA-24th Edition (Part - 3000, Section: 3114 C) 2023
22	Nickel (as Ni)	mg/L	BDL(<0.05)	3.0	IS 3025 (Part-54):2003 Clause 7
23	Zinc (as Zn)	mg/L	BDL(<0.05)	5.0	IS 3025 (Part-48):2024 Clause 5
24	Cadmium (as Cd)	mg/L	BDL(<0.05)	2.0	IS 3025 (Part 41) : 2023 Clause 5
25	Selenium (as Se)	mg/L	BDL(<0.01)	0.05	APHA-24th Edition (Part - 3000, Section: 3114 C) 2023
26	Vanadium (as V)	mg/L	BDL(<0.1)	0.2	IS 3025 (Part 74) : 2022
27	Cyanide (as CN-)	mg/L	BDL(<0.02)	0.2	APHA-24th Edition (Part-4000, Section: 4500 CN-E, 2023
28	Pesticide (BHC, Heptachlor Aldrin, Heptachlor Epoxide, 1,4' DDE, Endosulfan, Dieldrin, Endrin, 4,4 DDD, 4,4' DDT, Endrin aldehyde)	µg/L	BDL (<50)	Absent	USEPA 8141b,2007

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)

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 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001120/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Pollution & Environment

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

Plot No -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	ETP Outlet				
Sampling By	ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sample	: 10 L / 1 No,		
Date of Sampling	11-03-2025	Packing / Seal	: Sealed		
Sample Received Date	12-03-2025	Protocol / Purpose	: Waste Water Analysis		
Date of Starting of Test	12-03-2025	Date of Completion	: 18-03-2025		
Sampling Method	W/WWW/A & W/M/A	Sample ID	: 0325/WW02522		

RESULT TABLE

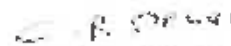
S.NO.	TEST PARAMETER	UNIT	RESULT	CETP LIMIT	METHOD REFERENCE
1	Trivalent Chromium	mg/L	BDL (<0.01)	2.0	IS: 3025 (Part-52)-2003

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)

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/7.8/01	Test Report No : TC588524000009458F	Issue Date : 16-10-2024
ULR No : TC588524000009458F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : W/ST/A	Sample ID : 1024/ST09458	
Duration Sampling : 60 min.	Fuel : Diesel	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Stack Temperature	°C	132	-	-
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	339	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm³	76.9	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO₂)	ppm	20.4	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO₂)	ppm	28.0	60	IS 11255 (Part-2):1985
9	Carbon Dioxide (as CO₂)	%	11.80	-	IS 11255 (Part-7):2005
					SOP No.W/ST/10

CHECKED BY
Sweety Patel (Dy.TM)

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

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/7.8/01	Test Report No : ETL/000943/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09458	
Duration Sampling : 60 min.	Fuel : Diesel	

RESULT TABLE

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

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/7.8/01	Test Report No : TC588524000009459F	Issue Date : 16-10-2024
ULR No : TC588524000009459F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 1100 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghshiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09459	
Duration Sampling : 60 min.	Fuel : Diesel	

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Stack Temperature	°C	139	-	-
4	Velocity	m/s	6.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	306	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm³	81.3	-	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO₂)	ppm	32.3	120	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NOₓ)	ppm	36.8	80	IS 11255 (Part-2):1985
9	Carbon Dioxide (as CO₂)	%	12.30	40	IS 11255 (Part-7):2005
					SOP No.WI/ST/10

CHECKED BY
Sweety Patel (Dy.TM)

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

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/7.8/01	Test Report No : ETL/004584/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.		
Description of Sample : Stack attached to DG 1100 KVA		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasthya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09459	
Duration Sampling : 60 min.	Fuel : Diesel	

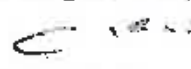
RESULT TABLE

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

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)

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/7.8/01	Test Report No : TC588524000009467F	Issue Date : 16-10-2024
ULR No : TC588524000009467F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

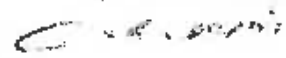
Description of Sample	: Stack attached to Thermopack	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 07-10-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 08-10-2024	Date of Completion	: 10-10-2024
Date of Starting of Test	: 08-10-2024	Sample ID	: 1024/ST09467
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Temperature	°C	70	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	886	-	IS 11255 (Part-3):2003
3	Velocity	m/s	5.90	-	IS 11255 (Part-3):2021
4	Particulate Matter (PM)	mg/Nm ³	62.0	120	IS 11255 (Part-1):1985
5	Sulphur Dioxide (SO ₂)	ppm	21.7	80	IS 11255 (Part-2):1985
6	Oxides of Nitrogen (as NO ₂)	ppm	30.9	40	IS 11255 (Part-7):2005

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/7.8/01	Test Report No : ETL/004768/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Thermopack		
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 07-10-2024	Packing / Seal	: Sealed
Sample Received Date	: 08-10-2024	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 08-10-2024	Date of Completion	: 10-10-2024
Sampling Method	: WI/ST/A	Sample ID	: 1024/ST09487
Duration Sampling	: 60 min.	Fuel	: Diesel

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

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/7.8/01	Test Report No : TC588524000010771F	Issue Date : 21-11-2024
ULR No : TC588524000010771F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 750 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-11-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 14-11-2024	Date of Completion : 15-11-2024
Date of Starting of Test : 14-11-2024	Sample ID : 1124/ST10771
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	138	6.70	302

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	82.1	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	24.6	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	37.0	50	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	10.30	-	SOP No.WWST/10

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/7.8/01	Test Report No : EYL/005409/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 750 KVA	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	Protocol / Purpose : Stack Gas Analysis
Date of Sampling : 13-11-2024	Date of Completion : 15-11-2024	Sample ID : 1124/ST10771
Sample Received Date : 14-11-2024	Fuel : Diesel	
Date of Starting of Test : 14-11-2024		
Sampling Method : WI/ST/A		
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	138	6.70	302

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)

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/7.8/01	Test Report No : TC588524000010772F	Issue Date : 21-11-2024
ULR No : TC588524000010772F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DG 1100 KVA	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 14-11-2024	Date of Completion	: 15-11-2024
Date of Starting of Test	: 14-11-2024	Sample ID	: 1124/ST10772
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	144	7.50	334

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	68.7	120	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	24.3	80	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	33.4	40	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	11.20	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/005410/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DG 1100 KVA	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 14-11-2024	Date of Completion	: 15-11-2024
Date of Starting of Test	: 14-11-2024	Sample ID	: 1124/ST10772
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	144	7.50	334

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
2	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588524000010780F	Issue Date : 21-11-2024
ULR No : TC588524000010780F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Thermopack

Sampling By : ENPRO Team-Mr. Vihang Patel

Date of Sampling : 13-11-2024

Sample Received Date : 14-11-2024

Date of Starting of Test : 14-11-2024

Sampling Method : W/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 15-11-2024

Sample ID : 1124/ST10780

Fuel : Diesel

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
-	-	11	4.20	630

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	56.0	120	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	16.2	80	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	24.1	40	IS 11255 (Part-7):2005

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)

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/7.8/01	Test Report No : ETL/005413/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Thermopack	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 14-11-2024	Date of Completion	: 15-11-2024
Date of Starting of Test	: 14-11-2024	Sample ID	: 1124/ST10780
Sampling Method	: W/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
-	-	11	4.20	630

RESULT TABLE

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

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/7.8/01	Test Report No : TC588524000012014F	Issue Date : 18-12-2024
ULR No : TC588524000012014F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No. 801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 750 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 10-12-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-12-2024	Date of Completion : 13-12-2024
Date of Starting of Test : 11-12-2024	Sample ID : 1224/ST12014
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	141	7.50	313

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	69.3	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	21.7	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	32.8	50	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	11.50	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/005999/24	Issue Date : 18-12-2024
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DG 750 KVA	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 10-12-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 11-12-2024	Date of Completion : 13-12-2024	
Date of Starting of Test : 11-12-2024	Sample ID : 1224/ST12014	
Sampling Method : W/ST/A	Fuel : Diesel	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	141	7.00	313

RESULT TABLE

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

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)

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/7.8/01	Test Report No : TC588524000012015F	Issue Date : 18-12-2024
ULR No : TC588524000012015F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 1100 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 10-12-2024

Sample Received Date : 11-12-2024

Date of Starting of Test : 11-12-2024

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 : 13-12-2024

Sample ID : 1224/ST12015

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	150	6.50	266

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	59.3	120	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO ₂)	ppm	28.1	60	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO _x)	ppm	38.2	40	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO ₂)	%	12.70	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/001121/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DG 1100 KVA	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 10-12-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 11-12-2024	Date of Completion	: 13-12-2024
Date of Starting of Test	: 11-12-2024	Sample ID	: 1224/ST12015
Sampling Method	: W/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	150	6.50	286

RESULT TABLE

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

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)

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

Formal No : QR/7.8/01	Test Report No : TC588524000012023F	Issue Date : 15-12-2024
ULR No : TC588524000012023F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Thermopack

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 10-12-2024

Sample Received Date : 11-12-2024

Date of Starting of Test : 11-12-2024

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 : 13-12-2024

Sample ID : 1224/ST12023

Fuel : Diesel

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
		89	4.10	620

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	42.0	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	13.2	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	17.8	50	IS 11255 (Part-7):2005

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/7.8/01	Test Report No : ETL/006005/24	Issue Date : 18-12-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.					
Description of Sample : Stack attached to Thermopack					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No				
Date of Sampling : 10-12-2024	Packing / Seal : Sealed				
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024				
Sampling Method : W/ST/A	Sample ID : 1224/ST12023				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature °C			
		69			
		Velocity m/s			
		4.10			
		Flow Rate Nm³/hr			
		620			
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


CHECKED BY
Sweety Patel (Dy.TM)

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


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

Note 2 : Details about MUD 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/7.8/01	Test Report No : TC588525000000391F	Issue Date : 22-01-2025
ULR No : TC588525000000391F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 13-01-2025	Packing / Seal : Sealed	
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025	
Sampling Method : W/ST/A	Sample ID : 0126/ST00391	
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	0.15	144	6.60	297

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	73.0	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	26.1	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	35.1	50	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	BDL(<0.1)	-	SOP No.W/ST/10

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)

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/7.8/01	Test Report No : ETL/000175/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, 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 : 13-01-2025

Sample Received Date : 15-01-2025

Date of Starting of Test : 15-01-2025

Sampling Method : W/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1-No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 17-01-2025

Sample ID : 0125/ST00391

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	144	6.60	297

RESULT TABLE

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

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)

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/7.8/01	Test Report No : TC588525000000392F	Issue Date : 22-01-2025
ULR No : TC588525000000392F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 1100 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 13-01-2025

Sample Received Date : 15-01-2025

Date of Starting of Test : 15-01-2025

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 : 17-01-2025

Sample ID : 0125/ST00392

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	146	7.10	315

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	62.8	120	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	21.4	80	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	30.8	40	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	11.40	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/000182/25-	Issue Date : 22-01-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to DG 1100 KVA					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025				
Sampling Method : W/ST/A	Sample ID : 0126/ST00392				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m 11	Stack Diameter m 0.15	Stack Temperature °C 146			
	Velocity m/s 7.10	Flow Rate Nm³/hr 315			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
2	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	GC Method
					SOP No.-W/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)

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/7.8/01	Test Report No : TC58852500000400F	Issue Date : 22-01-2025
ULR No : TC58852500000400F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.

Description of Sample : Stack attached to Thermopack	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00400
Sampling Method : W/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.25	57	4.80	749

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	48.0	120	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO ₂)	ppm	18.3	80	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	27.8	40	IS 11255 (Part-7):2005

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/7.8/01	Test Report No : ETL/000183/25-	Issue Date : 22-01-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to Thermopack					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025				
Sampling Method : W/ST/A	Sample ID : 0125/ST00400				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m 11	Stack Diameter m 0.25	Stack Temperature °C 57			
	Velocity m/s 4.80	Flow Rate Nm³/hr 749			
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

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/7.8/01	Test Report No : TC588525000001548F	Issue Date : 24-02-2025
ULR No : TC588525000001548F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, 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 : 17-02-2025

Sample Received Date : 18-02-2025

Date of Starting of Test : 18-02-2025

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 : 18-02-2025

Sample ID : 0225/ST01548

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	149	7.30	324

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	62.3	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	22.5	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	32.1	50	IS 11255 (Part-7):2006
4	Carbon Dioxide (as CO₂)	%	BDL (<0.1)	-	SOP No.WI/ST/10

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chirantan 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/7.8/01	Test Report No : ETL/000887/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad

Description of Sample	: Stack attached to DG 750 KVA	Qty / Nos of Sample	: 1 / 1 No
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 17-02-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 18-02-2025	Date of Completion	: 19-02-2025
Date of Starting of Test	: 18-02-2025	Sample ID	: 0225/ST01648
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 80 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	149	7.30	324

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-D3

Note : BDL : Below Detectable Limit

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


CHECKED BY
Sweetsy 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/7.8/01	Test Report No : TC588526000001549F	Issue Date : 24-02-2025
ULR No : TC588526000001549F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DG 1100 KVA

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 17-02-2025

Sample Received Date : 18-02-2025

Date of Starting of Test : 18-02-2025

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 : 18-02-2025

Sample ID : 0225/ST01549

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	135	6.20	284

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	67.3	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	19.6	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOx)	ppm	26.7	50	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO₂)	%	10.90	-	SOP No.WWST/10

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


CHECKED BY
Sweets 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 NU 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/7.8/01	Test Report No : ETL/000803/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 390195, Dist - Valsad.

Description of Sample : Stack attached to DG 1100 KVA			
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 17-02-2025	Packing / Seal	: Sealed
Sample Received Date	: 18-02-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 18-02-2025	Date of Completion	: 19-02-2025
Sampling Method	: WVST/A	Sample ID	: 0225/ST01549
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	0.15	135	6.20	284

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
2	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 15
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	GC Method

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)

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

Note 2 : Details about NHU 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/7.8/01	Test Report No : TC588625000001557F	Issue Date : 24-02-2025
ULR No : TC588625000001557F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Thermopack

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 17-02-2025

Sample Received Date : 18-02-2025

Date of Starting of Test : 18-02-2025

Sampling Method : W/ST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 19-02-2025

Sample ID : 0225/ST01557

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.25	54	4.10	648

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	51.0	150	IS 11255 (Part-1):1986
2	Sulphur Dioxide (SO₂)	ppm	11.2	100	IS 11255 (Part-2):1986
3	Oxides of Nitrogen (as NOₓ)	ppm	16.8	50	IS 11255 (Part-7):2005

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/7.8/01	Test Report No : ETL/000869/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-II, GIDC Estate, Vapi- 386195, Dist. - Valsad.		
Description of Sample : Stack attached to Thermopack		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : WVST/A	Sample ID : 0225/ST01557	
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	0.25	54	4.10	648

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweets 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/7.8/01	Test Report No : TC588525000002523F	Issue Date : 19-03-2025
ULR No : TC588525000002523F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, 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	: 11-03-2025	Packing / Seal	: Sealed
Sample Received Date	: 12-03-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 12-03-2025	Date of Completion	: 15-03-2025
Sampling Method	: WL/ST/A	Sample ID	: 0325/ST02523
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	0.15	154	7.00	305

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	78.3	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	26.1	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	34.9	50	IS 11255 (Part-7):2025
4	Carbon Dioxide (as CO₂)	%	10.90	-	SOP No.WL/ST/10

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/7.8/01	Test Report No : ETL/001646/25-	Issue Date : 19-03-2025
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02523	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
15	0.15	154	7.00	305

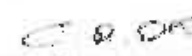
RESULT TABLE

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	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	ISQ 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)

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

Note 2 : Details about GLI 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/7.8/01	Test Report No : TC588525000002524F	Issue Date : 19-03-2025
ULR No : TC588525000002524F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	Stack attached to DG 1100 KVA	
Sampling By	ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	11-03-2025	Packing / Seal : Sealed
Sample Received Date	12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	12-03-2025	Date of Completion : 15-03-2025
Sampling Method	WI/ST/A	Sample ID : 0325/ST02524
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	0.15	128	6.90	322

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM ₁₀)	mg/Nm³	63.2	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO ₂)	ppm	23.8	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO _x)	ppm	30.7	50	IS 11255 (Part-7):2005
4	Carbon Dioxide (as CO ₂)	%	11.70	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/001601/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	Stack attached to DG 1100 KVA	
Sampling By	ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	11-03-2025	Packing / Seal : Sealed
Sample Received Date	12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	12-03-2025	Date of Completion : 15-03-2025
Sampling Method	WUST/A	Sample ID : 0325/ST02524
Duration Sampling	7 min	Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	128	6.90	322

RESULT TABLE

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

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

Note 2 : Details about ISO 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/7.8/01	Test Report No : TC588525000002532F	Issue Date : 19-03-2025
ULR No : TC588525000002532F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 356195, Dist. - Valsad.		
Description of Sample : Stack attached to Thermopack		
Sampling By : ENPRO Team-Mr. Vinang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02532	
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	0.25	61	4.70	732

RESULT TABLE

S. NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	63.0	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	13.4	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	10.8	50	IS 11255 (Part-7):2005

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/7.8/01	Test Report No : ETL/001612/25-	Issue Date : 19-03-2025
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 395195, Dist. - Valsad.		
Description of Sample : Stack attached to Thermopack		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02532	
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	0.25	51	4.70	732

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)


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/7.8/01	Test Report No : TC588524000009460F	Issue Date : 16-10-2024
ULR No : TC588524000009460F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Vasad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : W/ST/A	Sample ID : 1024/ST09460	
Duration Sampling : 60 min.	Fuel : -	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height		18		
2	Velocity	m	1.21		
3	Flow Rate	m ³ /s	135		IS 11255 (Part-3):2021
4	Chlorine (as Cl ₂)	Nm ³ /hr	1.6		IS 11255 (Part-3):2008
5	Carbon Dioxide (as CO ₂)	mg/Nm ³		9.0	SOP No.WVST/07 (Issue No.02 & Issue Date:02/09/19)
		%	BDL(<0.1)		SOP No.WVST/10

Note : BDL :- Below Detectable Limit

CHECKED BY
Sweety Patel (Dy.TM)

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

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/7.8/01	Test Report No : ETL/004764/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09460	
Duration Sampling : 60 min.	Fuel : -	

RESULT TABLE

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

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/7.8/01	Test Report No : TC58852400009461F	Issue Date : 16-10-2024
ULR No : TC58852400009461F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Nitrator of New NCB Plant	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 07-10-2024	Packing / Seal : Sealed
Sample Received Date	: 08-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 08-10-2024	Date of Completion : 10-10-2024
Sampling Method	: WI/ST/A	Sample ID : 1024/ST09461
Duration Sampling	: 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.34	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	84	-	IS 11255 (Part-3):2008
3	Oxides of Nitrogen (as NO _x)	mg/Nm ³	18.8	25	IS 11255 (Part 7) :2006
4	Ammonia (as NH ₃)	mg/Nm ³	BDL(<5)	175	IS 11255 (Part-8):1999 Clause 5
5	Carbon Dioxide (as CO ₂)	%	0.16	-	SOP No.WI/ST/10

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)

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.B/01	Test Report No : ETL/004765/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Nitrator of New NCB Plant		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09461	
Duration Sampling : 60 min.	Fuel : -	

RESULT TABLE

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

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/7.8/01	Test Report No : TC588524000009462F	Issue Date : 16-10-2024
ULR No : TC588524000009462F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Batch Nitration Scrubber (New)	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 07-10-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 08-10-2024	Date of Completion	: 10-10-2024
Date of Starting of Test	: 08-10-2024	Sample ID	: 1024/ST09462
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 30 min.		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	12	-	
2	Velocity	m/s	1.32	-	
3	Flow Rate	Nm ³ /hr	147	-	IS 11255 (Part-3):2021
4	Oxides of Nitrogen (as NO _x)	mg/Nm ³	11.6	20	IS 11255 (Part-3):2008
5	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	IS 11255 (Part 7) :2005
					SOP No.WI/ST/10

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)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.
Note 2 : Details about MEU 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/7.8/01	Test Report No : ETL/004585/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Batch Nitration Scrubber (New)	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 07-10-2024	Packing / Seal : Sealed
Sample Received Date	: 08-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 08-10-2024	Date of Completion : 10-10-2024
Sampling Method	: WI/ST/A	Sample ID : 1024/ST09462
Duration Sampling	: 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC58852400009463F	Issue Date : 16-10-2024
ULR No : TC58852400009463F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarfi Industries Ltd (Organic Div.)

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DNCB Nitration Scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 07-10-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 08-10-2024	Date of Completion	: 10-10-2024
Date of Starting of Test	: 08-10-2024	Sample ID	: 1024/ST09463
Sampling Method	: WI/ST/A	Fuel	: *
Duration Sampling	: 30 min.		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	12	-	-
2	Velocity	m/s	0.86	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	98	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	18.0	20	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/004586/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to DNCR Nitration Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09463	
Duration Sampling : 30 min.	Fuel : -	

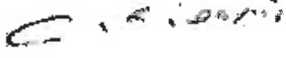
RESULT TABLE

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


CHECKED BY
Sweety Patel (Dy.TM)

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


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/7.8/01	Test Report No : TC588524000009464F	Issue Date : 16-10-2024
ULR No : TC588524000009464F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

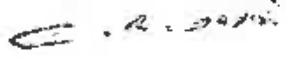
Description of Sample : Stack attached to SAC Plant Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 07-10-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 08-10-2024	Date of Completion : 10-10-2024
Date of Starting of Test : 08-10-2024	Sample ID : 1024/ST09464
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 30 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.78	-	-
3	Flow Rate	Nm ³ /hr	199	-	IS 11255 (Part-3):2021
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	14.0	20	IS 11255 (Part-3):2008
5	Carbon Dioxide (as CO ₂)	%	0.47	-	IS 11255 (Part 7) :2005 SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/004587/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.		
Description of Sample : Stack attached to SAC Plant Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09464	
Duration Sampling : 30 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)

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/7.8/01	Test Report No : TC58852400009465F	Issue Date : 16-10-2024
ULR No : TC58852400009465F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to ETP Neutralization scrubber	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghassiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 07-10-2024	Packing / Seal : Sealed
Sample Received Date	: 08-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 08-10-2024	Date of Completion : 10-10-2024
Sampling Method	: W/ST/A	Sample ID : 1024/ST09465
Duration Sampling	: 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	3.28	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	384	-	IS 11255 (Part-3):2008
3	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	13.4	25	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/004766/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to ETP Neutralization scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09465	
Duration Sampling : 30 min.	Fuel : -	

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

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/7.8/01	Test Report No : TC58852400009468F	Issue Date : 16-10-2024
ULR No : TC58852400009468F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to GLV (NCB Plant)

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 07-10-2024

Sample Received Date : 08-10-2024

Date of Starting of Test : 08-10-2024

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 : 10-10-2024

Sample ID : 1024/ST09468

Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	1.37	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	153	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	21.8	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	11.4	20	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/004769/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to GLV (NCB Plant)	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 07-10-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 08-10-2024	Date of Completion	: 10-10-2024
Date of Starting of Test	: 08-10-2024	Sample ID	: 1024/ST09468
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

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
2	HCI	mg/Nm ³	BDL(<1)	20	USEPA (Part-0050)

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)

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

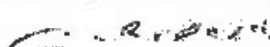
Format No : QR/7.8/01	Test Report No : ETL/004588/24	Issue Date : 16-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to HCL Storage Tank		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 07-10-2024	Packing / Seal : Sealed	
Sample Received Date : 08-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 08-10-2024	Date of Completion : 10-10-2024	
Sampling Method : WI/ST/A	Sample ID : ETL/004588/24	
Duration Sampling : 30 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	1.33	-	
3	Flow Rate	Nm ³ /hr	148.35	-	IS 11255 (Part-3):2021
4	HCl	mg/Nm ³	5.40	16	IS 11255 (Part-3):2008 USEPA (Part-0050)

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


CHECKED BY
Sweete 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/7.8/01	Test Report No : TC588524000010773F	Issue Date : 21-11-2024
ULR No : TC588524000010773F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 13-11-2024	Packing / Seal : Sealed	
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024	
Sampling Method : WI/ST/A	Sample ID : 1124/ST10773	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
18	-	-	1.21	135

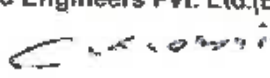
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Chlorine (as Cl ₂)	mg/Nm ³	1.6	9.0	SOP No.WVST/07 (Issue No.02 & Issue Date:02/09/19)
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WVST/10

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)

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/7.8/01	Test Report No : ETL/005162/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Chlorinator of MCB Plant	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 13-11-2024	Packing / Seal : Sealed
Sample Received Date	: 14-11-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 14-11-2024	Date of Completion : 15-11-2024
Sampling Method	: WI/ST/A	Sample ID : 1124/ST10773
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
18	-	-	1.21	135

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588524000010774F	Issue Date : 21-11-2024
ULR No : TC588524000010774F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Nitrator of New NCB Plant	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 13-11-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 14-11-2024	Date of Completion : 15-11-2024	
Date of Starting of Test : 14-11-2024	Sample ID : 1124/ST10774	
Sampling Method : WI/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	1.21	76

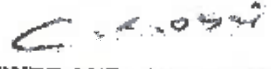
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	13.9	25	IS 11255 (Part 7) :2005
2	Ammonia (as NH ₃)	mg/Nm ³	BDL(<5)	175	IS 11255 (Part-6) 1999 Clause 5
3	Carbon Dioxide (as CO ₂)	%	0.21	-	SOP No.WI/ST/10

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweaty 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/7.8/01	Test Report No : ETL/005390/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Nitrator of New NCB Plant	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 13-11-2024	Packing / Seal : Sealed
Sample Received Date	: 14-11-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 14-11-2024	Date of Completion : 15-11-2024
Sampling Method	: WI/ST/A	Sample ID : 1124/ST10774
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :				
Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	1.21	76

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588524000010775F	Issue Date : 21-11-2024
ULR No : TC588524000010775F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 13-11-2024	Packing / Seal : Sealed	
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024	
Sampling Method : W/ST/A	Sample ID : 1124/ST10775	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12	-	-	1.23	137

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	16.5	20	IS 11255 (Part 7) : 2005
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10

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)

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/7.8/01	Test Report No : ETL/005619/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Batch Nitration Scrubber (New)	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 13-11-2024	Packing / Seal : Sealed
Sample Received Date	: 14-11-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 14-11-2024	Date of Completion : 15-11-2024
Sampling Method	: WI/ST/A	Sample ID : 1124/ST10775
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :				
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12	-	-	1.23	137

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588524000010776F	Issue Date : 21-11-2024
ULR No : TC588524000010776F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DNCR Nitration Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-11-2024

Packing / Seal : Sealed

Sample Received Date : 14-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-11-2024

Date of Completion : 15-11-2024

Sampling Method : W/ST/A

Sample ID : 1124/ST10776

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12	-	-	0.71	79

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	13.8	20	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/005392/24	Issue Date : 21-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to DNCB Nitration Scrubber					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-11-2024	Packing / Seal : Sealed				
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10776				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter	Stack Temperature			
12	-	-			
Velocity m/s		Flow Rate Nm ³ /hr			
0.71		79			
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

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/7.8/01	Test Report No : TC588524000010777F	Issue Date : 21-11-2024
ULR No : TC588524000010777F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to SAC Plant Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-11-2024

Packing / Seal : Sealed

Sample Received Date : 14-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-11-2024

Date of Completion : 15-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10777

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.83	204

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	11.5	20	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	0.61	-	SOP No.WI/ST/10

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/7.8/01	Test Report No : ETL/005620/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to SAC Plant Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-11-2024

Packing / Seal : Sealed

Sample Received Date : 14-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-11-2024

Date of Completion : 15-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10777

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.83	204

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)



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/7.8/01	Test Report No : TC588524008010778F	Issue Date : 21-11-2024
ULR No : TC588524000010778F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to ETP Neutralization scrubber
Sampling By : ENPRO Team-Mr.Vihang Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-11-2024 Packing / Seal : Sealed
Sample Received Date : 14-11-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-11-2024 Date of Completion : 15-11-2024
Sampling Method : WI/ST/A Sample ID : 1124/ST10778
Duration Sampling : 60 min. Fuel : -

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	2.93	326

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	11.2	25	IS 11255 (Part 7) :2005



CHECKED BY
Sweety Patel (Dy.TM)

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



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/7.8/01	Test Report No : ETL/005621/24	Issue Date : 21-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to ETP Neutralization scrubber					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-11-2024	Packing / Seal : Sealed				
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10778				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature			
-	-	-			
	Velocity m/s	Flow Rate Nm ³ /hr			
	2.93	326			
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


CHECKED BY
Sweety Patel (Dy.TM)

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


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/7.8/01	Test Report No : TC588524000010781F	Issue Date : 21-11-2024			
ULR No : TC588524000010781F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to GLV (NCB Plant)					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-11-2024	Packing / Seal : Sealed				
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10781				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m	Stack Diameter	Stack Temperature			
11	-	-			
	Velocity m/s	Flow Rate Nm ³ /hr			
	1.31	146			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	27.8	40	IS 11255 (Part 2):1985
2	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	14.4	20	IS 11255 (Part 7) :2005


CHECKED BY
Sweety Patel (Dy.TM)

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


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/7.8/01	Test Report No : ETL/005395/24	Issue Date : 21-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to GLV (NCB Plant)

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-11-2024

Packing / Seal : Sealed

Sample Received Date : 14-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-11-2024

Date of Completion : 15-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10781

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.31	146

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
2	HCI	mg/Nm ³	BDL(<1)	20	USEPA (Part-0050)

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)

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/7.8/01	Test Report No : ETL/001068/24	Issue Date : 21-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to HCL Storage Tank					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-11-2024	Packing / Seal : Sealed				
Sample Received Date : 14-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 14-11-2024	Date of Completion : 15-11-2024				
Sampling Method : WI/ST/A	Sample ID : ETL/001068/24				
Duration Sampling : 30 min.	Fuel : -				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature			
		Velocity			
		Flow Rate			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.21	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	134.97	-	IS 11255 (Part-3):2008
4	HCl	mg/Nm ³	8.50	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.
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 : QR7.8/01	Test Report No : TC588524000012016F	Issue Date : 18-12-2024
ULR No : TC588524000012016F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396185, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024	
Sampling Method : W/ST/A	Sample ID : 1224/ST12016	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
18	-	-	1.25	138

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Chlorine (as Cl ₂)	mg/Nm ³	2.4	9.0	SOP No.W/ST/07 (Issue No.02 & Issue Date:02/09/19)
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)		SOP No.W/ST/10

Note : BDL > Below Detectable Limit


CHECKED BY
Sweety Patel (Dy.TM)

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


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



ENPRO
Environment,
Energy, Water
Project Consultancy

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-Paisana 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/006232/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample	: Stack attached to Chlorinator of MCB Plant	
Sampling By	: ENPRO Team-Mr.Vinang Patel	
Date of Sampling	: 10-12-2024	Qty / Nos of Sample : 1 / 1 No.
Sample Received Date	: 11-12-2024	Packing / Seal : Sealed
Date of Starting of Test	: 11-12-2024	Protocol / Purpose : Stack Gas Analysis
Sampling Method	: WI/ST/A	Date of Completion : 13-12-2024
Duration Sampling	: 60 min.	Sample ID : 1224/ST12016
		Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
18	-	-	1.25	138

RESULT TABLE

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

Note : BDL - Below Detectable Limit

SOP No.-WI/ST/44-03

CHECKED BY
Sweetsy Patel (Dy.TM)

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

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/7.8/01	Test Report No : TC588524000012017F	Issue Date : 18-12-2024
ULR No : TC588524000012017F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Nitrator of New NCB Plant
Sampling By : ENPRO Team-Mr.Vikang Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 10-12-2024 Packing / Seal : Sealed
Sample Received Date : 11-12-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 11-12-2024 Date of Completion : 13-12-2024
Sampling Method : WI/ST/A Sample ID : 1224/ST12017
Duration Sampling : 60 min. Fuel : -

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	1.13	70

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	19.4	25	IS 11255 (Part 7) :2005
2	Ammonia (as NH ₃)	mg/Nm ³	BDL(<5)	175	IS 11255 (Part-6):1998 Clause 5
3	Carbon Dioxide (as CO ₂)	%	0.16	-	SOP No.WI/ST/10

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)

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/7.8/01	Test Report No : ETL/005729/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to Nitrator of New NCB Plant	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 10-12-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 11-12-2024	Date of Completion	: 13-12-2024
Date of Starting of Test	: 11-12-2024	Sample ID	: 1224/ST12017
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
			1.13	70

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	2.20	-	GC Method
3	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm ³	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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

CHECKED BY
Swoaty 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/7.8/01	Test Report No : TC588524000012018F	Issue Date : 18-12-2024
ULR No : TC588524000012018F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024	
Sampling Method : W/ST/A	Sample ID : 1224/ST12018	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12	-	-	1.34	148

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	18.7	20	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.W/ST/10

Note : BDL :- Below Detectable Limit


CHECKED BY
Sweety Patel (Dy.TM)

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


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/7.8/01	Test Report No : ETL/005730/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Batch Nitration Scrubber (New)
Sampling By : ENPRO Team-Mr.Vihang Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 10-12-2024 Packing / Seal : Sealed
Sample Received Date : 11-12-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 11-12-2024 Date of Completion : 13-12-2024
Sampling Method : W/ST/A Sample ID : 1224/ST12018
Duration Sampling : 60 min. Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12	-	-	1.34	148

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

SOP No.-W/ST/44-03

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


CHECKED BY
Srujan 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/7.8/01	Test Report No : TC588524000012019F	Issue Date : 18-12-2024
ULR No : TC588524000012019F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 601/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.

Description of Sample	: Stack attached to DNCR Nitration Scrubber	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling	: 10-12-2024	Packing / Seal : Sealed
Sample Received Date	: 11-12-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 11-12-2024	Date of Completion : 13-12-2024
Sampling Method	: WUST/A	Sample ID : 1224/ST12019
Duration Sampling	: 60 min.	Fuel :

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12			1.05	118

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	14.7	20	IS 11285 (Part 7) :2005

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


CHECKED BY
Sweets 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/7.8/01	Test Report No : ETL/005731/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DNCR Nitration Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 10-12-2024

Sample Received Date : 11-12-2024

Date of Starting of Test : 11-12-2024

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 : 13-12-2024

Sample ID : 1224/ST12019

Fuel :

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
12			1.05	118

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

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/7.8/01	Test Report No : TC588524000012020F	Issue Date : 18-12-2024
ULR No : TC588524000012020F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to SAC Plant Scrubber	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 10-12-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 11-12-2024	Date of Completion : 13-12-2024	
Date of Starting of Test : 11-12-2024	Sample ID : 1224/ST12020	
Sampling Method : W/ST/A	Fuel : -	
Duration Sampling : 80 min.		

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	2.11	233

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	14.5	20	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	0.38	-	SOP No.WI/ST/10

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 QIU 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/7.8/01	Test Report No : ETL/006732/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Slack attached to SAC Plant Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 10-12-2024

Sample Received Date : 11-12-2024

Date of Starting of Test : 11-12-2024

Sampling Method : WVST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 13-12-2024

Sample ID : 1224/ST12020

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11			2.11	233

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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

CHECKED BY
Sneety 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/7.8/01	Test Report No : TC588524000012021F	Issue Date : 18-12-2024
ULR No : TC588524000012021F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad		
Description of Sample : Stack attached to ETP Neutralization scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-12-2024	Packing / Seal : Sealed	
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024	
Sampling Method : W/ST/A	Sample ID : 1224/ST12021	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
			3.75	416

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	14.0	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweetsy Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chinlan 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/7.8/01	Test Report No : ETL/006733/24	Issue Date : 18-12-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to ETP Neutralization scrubber					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-12-2024	Packing / Seal : Sealed				
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024				
Sampling Method : W/ST/A	Sample ID : 1224/ST12021				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature			
		Velocity m/s			
		Flow Rate Nm ³ /hr			
		3.75			
		415			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)		SOP No.-W/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)

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.B/01	Test Report No : TC588524000012024F	Issue Date : 18-12-2024
ULR No : TC588524000012024F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.		
Description of Sample : Stack attached to GLV (NCB Plant)	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 10-12-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 11-12-2024	Date of Completion : 13-12-2024	
Date of Starting of Test : 11-12-2024	Sample ID : 1224/ST12024	
Sampling Method : WI/ST/A	Fuel : Diesel	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.58	175

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	29.1	40	IS 11255 (Part 2):1985
2	Oxides of Nitrogen (as NO _x)	mg/Nm ³	18.7	20	IS 11255 (Part 7) 2005

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

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojwala 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/006006/24	Issue Date : 18-12-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.					
Description of Sample : Stack attached to GLV (NCB Plant)					
Sampling By : ENPRO Team-Mr. Vinang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-12-2024	Packing / Seal : Sealed				
Sample Received Date : 11-12-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-12-2024	Date of Completion : 13-12-2024				
Sampling Method : WI/ST/A	Sample ID : 1224/ST12024				
Duration Sampling : 80 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m 11	Stack Diameter	Stack Temperature			
		Velocity m/s 1.59			
		Flow Rate Nm ³ /hr 175			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)		
2	HCl	mg/Nm ³	BDL(<1)	20	SOP No.-WI/ST/44-03 USEPA (Part-0050)

Note : BDL :- Below Detectable Limit


CHECKED BY
Sweety Patel (Dy.TM)

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


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf.
Note 2 : Details about RFU 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/7.8/01	Test Report No : ETL/006007/24	Issue Date : 18-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to HCL Storage Tank	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 10-12-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 11-12-2024	Date of Completion	: 13-12-2024
Date of Starting of Test	: 11-12-2024	Sample ID	: ETL/006007/24
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 30 min.		

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11			1.32	145.79

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	8.80	20	USEPA (Part-0050)


CHECKED BY
Sweety Patel (Dy.TM)

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


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/7.8/01	Test Report No : TC588525000000393F	Issue Date : 22-01-2025
ULR No : TC588525000000393F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025	
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00393	
Sampling Method : W/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
18	0.20	30	1.19	132

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Chlorine (as Cl ₂)	mg/Nm³	1.8	9.0	SOP No.W/ST/07 (Issue No.02 & Issue Date:02/09/19)
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.W/ST/10

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)

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/7.8/01	Test Report No : ETL/000178/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025	
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00393	
Sampling Method : WI/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
18	0.20	30	1.19	132

RESULT TABLE

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

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/7.8/01	Test Report No : TC588525000000394F	Issue Date : 22-01-2025
ULR No : TC588525000000394F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Nitrator of New NCB Plant	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 13-01-2025	Packing / Seal : Sealed
Sample Received Date	: 15-01-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 15-01-2025	Date of Completion : 17-01-2025
Sampling Method	: WUST/A	Sample ID : 0125/ST00394
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	30	1.19	74

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	22.5	25	IS 11255 (Part 7) :2005
2	Aminonia (as NH ₃)	mg/Nm³	BDL(<5)	175	IS 11255 (Part-8):1999 Clause 5
3	Carbon Dioxide (as CO ₂)	%	0.12	-	SOP No.WUST/10

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)

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/7.8/01	Test Report No : ETL/000179/25-	Issue Date : 22-01-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to Nitrator of New NCB Plant					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 16-01-2025	Date of Completion : 17-01-2025				
Sampling Method : W/ST/A	Sample ID : 0125/ST00394				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	30			
Velocity m/s		Flow Rate Nm³/hr			
1.19		74			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm³	BDL(<1)	-	GC Method
					SOP No.-W/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)

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/7.8/01	Test Report No : TC588525000000395F	Issue Date : 22-01-2025
ULR No : TC588525000000395F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.

Description of Sample	: Stack attached to Batch Nitration Scrubber (New)	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-01-2025	Date of Completion	: 17-01-2025
Date of Starting of Test	: 15-01-2025	Sample ID	: 0125/ST00395
Sampling Method	: W/ST/A	Fuel	: -
Duration Sampling	: 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.20	31	1.26	140

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	14.3	20	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.W/ST/10

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)

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/7.8/01	Test Report No : ETL/000185/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 13-01-2025	Packing / Seal : Sealed	
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025	
Sampling Method : W/ST/A	Sample ID : 0125/ST00396	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.20	31	1.28	140

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

SOP No.-W/ST/44-03

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/7.8/01	Test Report No : TC588525000000396F	Issue Date : 22-01-2025
ULR No : TC588525000000396F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DNCR Nitration Scrubber		
Sampling By	: ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 13-01-2025	Packing / Seal	: Sealed
Sample Received Date	: 15-01-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 15-01-2025	Date of Completion	: 17-01-2025
Sampling Method	: WI/ST/A	Sample ID	: 0125/ST00396
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
12	0.20	31	0.85	94

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	11.6	20	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/000187/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.		
Description of Sample : Stack attached to DNCB Nitration Scrubber	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025	
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00396	
Sampling Method : W/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.20	31	0.85	94

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

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/7.8/01	Test Report No : TC588525000000397F	Issue Date : 22-01-2025
ULR No : TC588525000000397F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to SAC Plant Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00397
Sampling Method : W/ST/A	Fuel : -
Duration Sampling : 60 min.	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	28	1.42	159

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	18.7	20	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	0.43	-	SOP No.W/ST/10

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


CHECKED BY
Sweetsy 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/7.8/01	Test Report No : ETL/000052/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to SAC Plant Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 13-01-2025

Sample Received Date : 15-01-2025

Date of Starting of Test : 15-01-2025

Sampling Method : WUST/A

Duration Sampling : 60 min.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 17-01-2025

Sample ID : 0125/ST00397

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	28	1.42	159

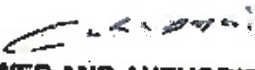
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
3	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588525000000398F	Issue Date : 22-01-2025
ULR No : TC588525000000398F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to ETP Neutralization scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 13-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-01-2025	Date of Completion	: 17-01-2025
Date of Starting of Test	: 15-01-2025	Sample ID	: 0125/ST00398
Sampling Method	: W/ST/A	Fuel	: -
Duration Sampling	: 60 min.		

STACK DETAILS :

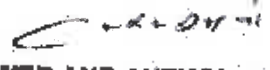
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	28	4.06	454

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	8.9	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweets 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/7.8/01	Test Report No : ETL/000189/25-	Issue Date : 22-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to ETP Neutralization scrubber	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 13-01-2025	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-01-2025	Date of Completion : 17-01-2025	
Date of Starting of Test : 15-01-2025	Sample ID : 0125/ST00398	
Sampling Method : W/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	28	4.06	454

RESULT TABLE

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

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/7.8/01	Test Report No : TC588525000000401F	Issue Date : 22-01-2025			
ULR No : TC588525000000401F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to GLV (NCB Plant)					
Sampling By : ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025				
Sampling Method : W/ST/A	Sample ID : 0125/ST00401				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m 11	Stack Diameter m 0.20	Stack Temperature °C 28			
	Velocity m/s 1.59	Flow Rate Nm³/hr 178			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm³	12.4	20	IS 11255 (Part 2):1985
2	Oxides of Nitrogen (as NO ₂)	mg/Nm³	25.3	40	IS 11255 (Part 7):2005

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/7.8/01	Test Report No : ETL/000190/25-	Issue Date : 22-01-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to GLV (NCB Plant)					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025				
Sampling Method : WI/ST/A	Sample ID : 0125/ST00401				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.20	28			
		Velocity m/s			
		1.59			
		Flow Rate Nm³/hr			
		178			
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	HCl	mg/Nm³	BDL(<1)	20	USEPA (Part-0050)

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)

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/7.8/01	Test Report No : ETL/000178/25-	Issue Date : 22-01-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to HCL Storage Tank					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 13-01-2025	Packing / Seal : Sealed				
Sample Received Date : 15-01-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-01-2025	Date of Completion : 17-01-2025				
Sampling Method : W/ST/A	Sample ID : ETL/000178/25-				
Duration Sampling : 30 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Temperature °C			
11	0.20	27.00			
		Velocity m/s			
		1.46			
		Flow Rate Nm ³ /hr			
		163.94			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	5.33	16	USEPA (Part-0050)

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)

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/7.8/01	Test Report No : TC588525000001550F	Issue Date : 24-02-2025
ULR No : TC588525000001550F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Chlorinator of MCB Plant	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 17-02-2025	Packing / Seal : Sealed
Sample Received Date	: 18-02-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 18-02-2025	Date of Completion : 19-02-2025
Sampling Method	: WVST/A	Sample ID : 0225/ST01550
Duration Sampling	: 60 min	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
18	0.20	27	1.34	150

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Chlorine (as Cl ₂)	mg/Nm³	8.1	9.0	SOP No.WVST/07 (Issue No.02 & Issue Date:02/09/19)
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WVST/10

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)

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/7.8/01	Test Report No : ETL/000782/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : W/ST/A	Sample ID : 0225/ST01550	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
18	0.20	27	1.34	150

RESULT TABLE

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

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/7.8/01	Test Report No : TC588525000001551F	Issue Date : 24-02-2025
ULR No : TC588525000001551F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Nitrator of New NCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : W/ST/A	Sample ID : 0225/ST01551	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.15	26	0.18	78

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	24.0	25	IS 11255 (Part 7) :2005
2	Ammonia (as NH ₃)	mg/Nm³	168.0	175	IS 11255 (Part-0):1999 Clause 5
3	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WW/ST/10

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)

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

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-Palsana Road, Sachin, Surati - 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/000735/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Nitrator of New NCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : WI/ST/A	Sample ID : 0225/ST01551	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
12	0.15	26	0.18	78

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
2	Nitrous Oxide (N ₂ O)	ppm	2.40	-	GC Method
3	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC588525000001552F	Issue Date : 24-02-2025
ULR No : TC588525000001552F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : WVST/A	Sample ID : 0225/ST01552	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.20	28	1.18	132

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	20.6	25	IS 11255 (Part 7) 2005
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WVST/10

Note : BDL :- Below Detectable Limit

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

C. R. Desai

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/7.8/01	Test Report No : ETL/000783/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	Stack attached to Batch Nitration Scrubber (New)				
Sampling By	ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.		
Date of Sampling	: 17-02-2025	Packing / Seal	: Sealed		
Sample Received Date	: 18-02-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 18-02-2025	Date of Completion	: 19-02-2025		
Sampling Method	: W/ST/A	Sample ID	: 0225/ST01552		
Duration Sampling	: 60 min.	Fuel	: -		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.20	28	1.18	132

RESULT TABLE

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

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/7.8/01	Test Report No : TC588525000001553F	Issue Date : 24-02-2025
ULR No : TC588525000001553F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DNCR Nitration Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2025

Packing / Seal : Sealed

Sample Received Date : 18-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2025

Date of Completion : 19-02-2025

Sampling Method : W/ST/A

Sample ID : 0225/ST01553

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
12	0.20	29	0.76	84

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	23.0	25	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/000153/25-	Issue Date : 24-02-2026
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DNCB Nitration Scrubber		
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 17-02-2025	Packing / Seal	: Sealed
Sample Received Date	: 18-02-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 18-02-2025	Date of Completion	: 19-02-2025
Sampling Method	: WI/ST/A	Sample ID	: 0225/ST01553
Duration Sampling	: 60 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
12	0.20	29	0.76	84

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

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/7.8/01	Test Report No : TC588525000001554F	Issue Date : 24-02-2025
ULR No : TC588525000001554F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to SAC Plant Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : W/ST/A	Sample ID : 0225/ST01554	
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	29	1.35	150

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	23.8	26	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	0.62	-	SOP No.W/ST/10

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/7.8/01	Test Report No : ETL/000784/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to SAC Plant Scrubber		Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel		Packing / Seal : Sealed
Date of Sampling : 17-02-2025		Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 18-02-2025		Date of Completion : 19-02-2025
Date of Starting of Test : 18-02-2025		Sample ID : 0225/ST01554
Sampling Method : WV/ST/A		Fuel : -
Duration Sampling : 60 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	29	1.35	150

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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

C. P. Desai

Sweety Patel
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/7.8/01	Test Report No : TC588525000001555F	Issue Date : 24-02-2025
ULR No : TC588526000001555F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vap- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to ETP Neutralization scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : WST/A	Sample ID : 0225/ST01555	
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	28	2.84	317

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	23.0	25	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/000738/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to ETP Neutralization scrubber	
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2025	Packing / Seal : Sealed
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025
Sampling Method : WVST/A	Sample ID : 0225/ST01555
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	28	2.84	317

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WVST/44-03
2	HCl	mg/Nm³	19.20	20	USEPA (Part-0050)

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)

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

Formet No : QR7.8/01	Test Report No : TC588525000001558F	Issue Date : 24-02-2025
ULR No : TC588525000001558F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-B01, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to GLV (NCB Plant)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 17-02-2025	Packing / Seal : Sealed	
Sample Received Date : 18-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 18-02-2025	Date of Completion : 19-02-2025	
Sampling Method : WI/ST/A	Sample ID : 0226/ST01558	
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	0.20	27	1.62	181

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm³	16.7	40	IS 11255 (Part 2):1986
2	Oxides of Nitrogen (as NO ₂)	mg/Nm³	23.8	25	IS 11255 (Part 7) :2005

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)

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/7.8/01	Test Report No : ETL/000737/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to GLV (NCB Plant)	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 17-02-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 18-02-2025	Date of Completion : 19-02-2025
Date of Starting of Test : 18-02-2025	Sample ID : 0225/ST01558
Sampling Method : W/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	27	1.62	181

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WVST/44-03
2	HCl	mg/Nm³	BDL(<1)	20	USEPA (Part-0050)

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)

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/7.8/01	Test Report No : ETL/000781/25-	Issue Date : 24-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to HCL Storage Tank

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2025

Packing / Seal : Sealed

Sample Received Date : 18-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2025

Date of Completion : 19-02-2025

Sampling Method : WI/ST/A

Sample ID : ETL/000781/25-

Duration Sampling : 30 min

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	28.00	1.31	146.00

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	18.30	20	USEPA (Part-0050)
2	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)

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 NU 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/7.8/01	Test Report No : TC588525000002526F	Issue Date : 19-03-2025
ULR No : TC588525000002525F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No. -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Chlorinator of MCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02525	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
18	0.20	36	1.21	132

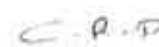
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Chlorine (as Cl ₂)	mg/Nm³	6.5	9.0	SOP No WYST/07 (Issue No.02 & Issue Date:02/09/19)
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.WI/ST/10

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)

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/7.8/01	Test Report No : ETL/001602/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No. -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad.

Description of Sample : Stack attached to Chlorinator of MCB Plant

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 11-03-2025

Packing / Seal : Sealed

Sample Received Date : 12-03-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 12-03-2025

Date of Completion : 15-03-2025

Sampling Method : WWS/A

Sample ID : 0325/ST02525

Duration Sampling : 05 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
18	0.20	36	1.21	132

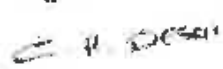
RESULT TABLE

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	Hydrofluorocarbons	ppm	BDL (<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL (<1)	-	GC Method
6	VOC	mg/Nm ³	BDL (<1)	-	SOP No.-WWS/44-03

Note : BDL : Below Detectable Limit

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


CHECKED BY
Sweets 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/7.8/01	Test Report No : TC58852500002526F	Issue Date : 19-03-2025
ULR No : TC58852500002526F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to Nitrator of New NCB Plant		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : W/ST/A	Sample ID : 0325/ST02526	
Duration Sampling : 60 min	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.15	35	1.16	71

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	21.3	25	IS 11255 (Part 7) :2005
2	Ammonia (as NH ₃)	mg/Nm³	BDL(<5)	175	IS 11255 (Part-6):1998 Clause 5
3	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SDP No.W/ST/10

Note : BDL - Below Detectable Limit

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


CHECKED BY
Sreeety 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/7.8/01	Test Report No : ETL/001803/25-	Issue Date : 19-03-2025
ULR No : N/A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to Nitrator of New NCB Plant	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 11-03-2025	Packing / Seal : Sealed
Sample Received Date	: 12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 12-03-2025	Date of Completion : 15-03-2025
Sampling Method	: WI/ST/A	Sample ID : 0325/ST02528
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
12	0.15	35	1.16	71

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	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
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)

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/7.8/01	Test Report No : TC588525000002527F	Issue Date : 19-03-2025
ULR No : TC588525000002527F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : W/ST/A	Sample ID : 0325/ST02527	
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	34	1.22	134

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	15.2	25	IS 11255 (Part 7) :2005
2	Carbon Dioxide (as CO ₂)	%	BDL(<0.1)	-	SOP No.W/ST/10

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)

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/7.8/01	Test Report No : ETL/001604/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to Batch Nitration Scrubber (New)		
Sampling By : ENPRO Team-Mr. Vinang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02527	
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	34	1.22	134

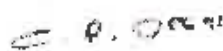
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Methane (as CH ₄)	%	BDL(<0.1)	-	USEPA Method - 18
2	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
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)


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/7.8/01	Test Report No : TC58852500002528F	Issue Date : 19-03-2025			
ULR No : TC58852500002528F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No. -801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.					
Description of Sample : Stack attached to DNCB Nitration Scrubber					
Sampling By : ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 11-03-2025	Packing / Seal : Sealed				
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025				
Sampling Method : W/ST/A	Sample ID : 0325/ST02528				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.20	34			
		Velocity m/s			
		0.76			
		Flow Rate Nm³/hr			
		63			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	17.7	25	IS 11255 (Part 7) :2005

CHECKED BY
Sweety Patel (Dy. TM)

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

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

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

Formal No : QR/7.8/01	Test Report No : ETL/001605/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Organic Div.)**
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to DNCR Nitration Scrubber	
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 11-03-2025	Packing / Seal : Sealed
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025
Sampling Method : WVST/A	Sample ID : 0325/ST02528
Duration Sampling : 60 min.	Fuel : -

STACK DETAILS :

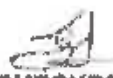
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	34	0.76	83

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Swati 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/7.8/01	Test Report No : TC688525000002529F	Issue Date : 19-03-2025
ULR No : TC588525000002529F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to SAC Plant Scrubber				
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.		
Date of Sampling	: 11-03-2025	Packing / Seal	: Sealed		
Sample Received Date	: 12-03-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 12-03-2025	Date of Completion	: 15-03-2025		
Sampling Method	: WI/ST/A	Sample ID	: 0325/ST02529		
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	35	1.24	135

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NOx)	mg/Nm³	11.5	25	IS 11255 (Part 7) 2005
2	Carbon Dioxide (as CO₂)	%	0.47	-	SOP No. WI/ST/10

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 : QR7.8/01	Test Report No : ETL/001607/25-	Issue Date : 19-03-2025
ULR No : N.A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 395195, Dist. - Valsad.		
Description of Sample	: Stack attached to SAC Plant Scribber	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 11-03-2025	Packing / Seal : Sealed
Sample Received Date	: 12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 12-03-2025	Date of Completion : 15-03-2025
Sampling Method	: W/ST/A	Sample ID : 0325/ST02529
Duration Sampling	: 50 min.	Fuel : -

STACK DETAILS :				
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	35	1.24	136

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	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
5	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
6	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-W/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)

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/7.8/01	Test Report No : TC588625000002530F	Issue Date : 19-03-2025
ULR No : TC588625000002530F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to ETP Neutralization scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02530	
Duration Sampling : 60 min.	Fuel : -	

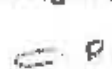
STACK DETAILS :				
Stack Height in	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	35	3.04	332

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	14.2	25	IS 11255 (Part 7) : 2005

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.B/D1	Test Report No : ETL/001606/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to ETP Neutralization scrubber		
Sampling By : ENPRO Team-Mr.Vishal Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/STD2530	
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	35	3.04	332

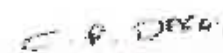
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WIIST/14-03
2	HCl	mg/Nm³	15.30	20	USEPA (Part-0050)

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)

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

Note 2 : Details about ML 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/7.8/01	Test Report No : TC588525000002533F	Issue Date : 19-03-2025
ULR No : TC588525000002533F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to GLV (NCB Plant)

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 11-03-2025

Packing / Seal : Sealed

Sample Received Date : 12-03-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 12-03-2025

Date of Completion : 15-03-2025

Sampling Method : W/ST/A

Sample ID : 0325/ST02533

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	0.20	34	1.47	161

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm³	19.8	40	IS 11255 (Part 2):1985
2	Oxides of Nitrogen (as NO _x)	mg/Nm³	13.5	26	IS 11255 (Part 7) :2005

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/7.8/01	Test Report No : ETL/001613/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample : Stack attached to GLV (NCB Plant)		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 11-03-2025	Packing / Seal : Sealed	
Sample Received Date : 12-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 12-03-2025	Date of Completion : 15-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02533	
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	0.20	34	1.47	161

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	HCl	mg/Nm³	BDL(<1)	20	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweetsy 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 N/A 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/7.8/01	Test Report No : ETL/001614/25-	Issue Date : 19-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.		
Description of Sample	: Stack attached to HCL Storage Tank	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 11-03-2025	Packing / Seal : Sealed
Sample Received Date	: 12-03-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 12-03-2025	Date of Completion : 15-03-2025
Sampling Method	: W/ST/A	Sample ID : ETL/001614/25-
Duration Sampling	: 60 min.	Fuel : -

STACK DETAILS :				
Stack Height m	Stack Diameter m	Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.20	33.00	1.25	137.61

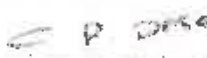
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	12.40	20	USEPA (Part-0050)
2	VOC	mg/Nm³	BDL(<1)	-	SOP No.-W/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)

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

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

RO
nment
y, Water
nd Consultant



Test Report

TC - 6885

Format No : QR/7.8/03	Test Report No : TC588524000009470F	Issue Date : 16-10-2024
ULR No : TC588524000009470F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.)
Plot No.-801, 801/23, Phase-III, GIDC Estate, Vapi- 386195, Dist - Valsad.

Description of Monitoring : Noise Level Monitoring
Sampling By : ENPRO Team-Mr.Nikunj Vaghax Sampling & Test Method : WI/N/01
Date of Sampling : 07-10-2024 Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below Sample ID : 1024/N09470
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	Security Gate -1	57.6	54.2
2	Main Entry Gate - 2A	52.6	50.3
3	Gate -2 - Material Gate	65.9	61.4
4	Lunch Room	69.2	66.2
5	Fabrication Workshop	72.4	68.3
6	Organic Warehouse	62.3	58.7
7	Central Mechanical Workshop	71.6	67.3
8	BBL Main Area First Floor	52.3	51.1
	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)

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

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588524000010783F	Issue Date : 21-11-2024
ULR No : TC588524000010783F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, 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	: 13-11-2024	Duration of Sampling	: 1 hr / Location
Description of Location	: As per Table Given Below	Sample ID	: 1124/N10783
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	Security Gate -1	56.9	53.1
2	Main Entry Gate - 2A	55.2	50.7
3	Gate -2 - Material Gate	69.4	65.3
4	Lunch Room	63.7	61.2
5	Fabrication Workshop	71.5	68.4
6	Organic Warehouse	59.4	55.2
7	Central Mechanical Workshop	72.9	68.3
8	BBL Main Area First Floor	57.4	54.4
	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

Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588524000012026F	Issue Date : 18-12-2024
ULR No : TC588524000012026F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 10-12-2024	Duration of Sampling : 1 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 1224/N12026	Protocol : Ambient Noise Level Monitoring
Type of Test : On Site Testing		

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) L _{eq}	NIGHT TIME NOISE LEVEL dB (A) L _{eq}
1	Security Gate -1		
2	Main Entry Gate - 2A	53.2	51.6
3	Gate -2 - Material Gate	57.4	54.2
4	Lunch Room	71.3	67.8
5	Fabrication Workshop	63.1	60.5
6	Organic Warehouse	73.8	68.2
7	Central Mechanical Workshop	58.4	54.3
8	BBL Main Area First Floor	70.3	67.7
		53.0	51.8
	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

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588525000000403F	Issue Date : 22-01-2025
ULR No : TC588525000000403F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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/N01
Date of Sampling : 13-01-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0125/N00403
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	Security Gate -1		
2	Main Entry Gate - 2A	57.6	54.6
3	Gate -2 - Material Gate	53.2	51.7
4	Lunch Room	67.9	63.9
5	Fabrication Workshop	60.1	56.5
6	Organic Warehouse	72.6	66.3
7	Central Mechanical Workshop	63.5	59.4
8	BBL Main Area First Floor	73.4	68.7
		58.7	55.1
	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)


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 : TC588625000001560F	Issue Date : 24-02-2025
ULR No : TC588625000001560F	Discipline : Chemical	Group : Atmospheric Pollution

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

Plot No.-801, 801/23, 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	: 17-02-2025	Duration of Sampling	: 1 hr / Location
Description of Location	: As per Table Given Below	Sample ID	: 0225/N01580
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	Security Gate -1	61.4	59.6
2	Main Entry Gate - 2A	58.7	55.4
3	Gate -2 - Material Gate	56.3	54.3
4	Lunch Room	63.7	60.1
5	Fabrication Workshop	70.6	67.7
6	Organic Warehouse	71.9	68.5
7	Central Mechanical Workshop	72.5	68.1
8	BBL Main Area First Floor	54.7	51.2
	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
Sweets 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 : TC588525000002535F	Issue Date : 19-03-2025
ULR No : TC588525000002535F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Organic Div.) Plot No.-801, 801/23, 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 : 11-03-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0325/N02535
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	Security Gate -1	64.8	61.2
2	Main Entry Gate - 2A	53.7	51.4
3	Gate -2 - Material Gate	60.9	57.6
4	Lunch Room	67.4	65.3
5	Fabrication Workshop	72.3	68.7
6	Organic Warehouse	66.2	63.3
7	Central Mechanical Workshop	73.8	67.2
8	B8L Main Area First Floor	56.4	51.6
	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 OIU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1



VAPI GREEN ENVIRO LIMITED

Formerly known as Vapi Waste & Effluent Mgt. Co. Ltd.

VIA Houce, Plot No. 135, Char Rasta, GIDC VAPI - 396 195, Gujarat, INDIA
Mob.: 9714000828 | Tel.: (0260) 2428950. Telefax : (0260) 2420950 | Email : admin@vgelvapi.com
Website : www.vgelvapi.com | www.coevapi.com | CIN : U74210GJ1997GAP031525

Ref. no.VGEL/2016-17/0144 -26

May 3, 2016

To,

AARTI INDUSTRIES LTD (34618) (ORG. DIV.)
PLOT. NO 801-801/23 PHASE, III
GIDC, VAPI.

Sub: One registered membership number for CETP & CSWP facility of VGEL.

Your registered VGEL membership no.1.

Dear Member,

This is with reference to your membership with Vapi Green Enviro Limited (VGEL), where currently you are availing membership of both the facility i.e. CETP & CSWP and company has allotted different unique membership number for both the facility.

In view of recent decision taken by the Board of the VGEL, you will continue as a registered member of VGEL, however membership number allotted to you for CETP facility will continue for both the facility and the earlier CSWP membership number will stand withdrawn/cancelled and from 1st April 2016 onwards single membership number of VGEL need to be quoted for both the facilities.

To give the effect CSWP membership no. 31 stands cancelled and membership number allotted to CETP i.e. membership no.1 will be continued as registered membership number of VGEL.

This is for your kind information and records please.

Thanking you,

Yours faithfully,
For Vapi Green Enviro Limited,

Authorized Signatory

Ref No: DCBL/WM/003/21-22

Date: 18/09/2021

To,

Aarti Industries Limited,
(Organic Division),
Plot no 801, 801/23, III Phase, GIDC,
Vapi- 396195

Subject: Waste acceptance letter for various Hazardous Waste.

As per the sample analysis of waste, it is suitable for Co-processing in cement Kilns and can be used as alternative fuel/raw material at Dalmia Cement (Bharat) Ltd, Rajgangpur.

Waste Name	Category	Quantity (MT/Year)
Distillation Residue	26.1	6732
Spent Carbon	36.2	12
Off specified product	26.1	20

Dalmia Cement (Bharat) Ltd "DCBL" have the authorisation to Co-process the waste in Kilns. DCBL can accept the waste as per the authorisation and suitable characteristics of waste.

This is for your kind information.



Authorized Signatory
For Dalmia Cement (Bharat) Ltd

Dalmia Cement (Bharat) Limited

Works, At/Po- Rajgangpur, Dist- Sundargarh, Odisha - 751017

Cell: 0624 220121, 191 0621 220733, e- www.dalmiacement.com, FAX-1 6519112190-PIA 035963

Registered office: Dalmiapuram, Dist-Tiruchirappalli Tamil Nadu-621 051, India

A Dalmia Bharat Group Company, www.dalmiabharat.com



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

Ref. BEIL/ANK/2024

24TH MAY 2024

To,
AARTI INDUSTRIES LTD. (ORGANIC DIV.) (801/23)
PLOT NO. 801, 801/23,
PHASE - 3, GIDC,
GIDC, VAPI.

Sub: Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for **5 years up to 23/05/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.), at GIDC, Dahej. You have booked solid waste quantity of **4844 MT/Years**. Your Membership No. is **OTH/264**.

Waste will be accepted after submitting valid authorization of GPCB.

- 1) **Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) **Total Consented Capacity: 1900000 MT**
- 3) **Total Occupied Capacity: 1463723.189 MT**
- 4) **Spare Capacity: 0436276.811 MT**

Thanking you,

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

Mr. Manoj Patel
(Vice President - Operations)

CIN NO. U45309GJ1997PLC032598

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankeshwar - 383 002, Dist. : Bharuch (Gujarat)
Phones : (02646) 253135, 225229 - Fax : (02646) 222849 - E-mail : dahej@beil.co.in - website : www.beil.co.in



Certificate

Certificate No.: 1200000011

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (ORGANIC DIV)

PLOT NO. 801, 801/23,
PHASE - III, GIDC ESTATE VAPI,
TAL: PARDI,

VALSAD
is a valid member of

SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for

Integrated Common Incineration Facility

This membership is valid for a period of

5 Years

Date of Issue : 11.05.2020

For, Saurashtra Enviro Projects Pvt. Ltd.

Date of Expiration : 10.05.2025

Place of Issue : Surat

Director

SUBJECT TO SURAT JURISDICTION



DETOX INDIA
operated by **VEDLIA**

"Certificate"

Certificate No.:100208

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (ORGANIC DIV)

PLOT NO. 801, 801/23,
PHASE - III, GIDC ESTATE VAPI,
TAL: PARDI,
VALSAD

is a valid member of

SAFE ENVIRO PRIVATE LIMITED

SEPL - Magnad

for

Integrated Common Hazardous Waste Management Facility

This membership is valid for a period of

05 Years

Date of Issue :16-09-2021

Date of Expiration : 16-09-2026

Place of Issue : Surat

For, Safe Enviro Private Limited

Director

SUBJECT TO SURAT JURISDICTION

Safe Enviro Private Limited

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

Ph. : +91 261 2351248, 2346181, E-mail : sepl.magnad@gmail.com | CIN : U31101GJ2015PTC083237



**AARTI
INDUSTRIES
LIMITED**

Annexure 11

Date: 11.11.2022

To,
The Deputy Director,
Office of Industrial Safety and Health,
A- Block, 5th Floor, New Multi Storage Building,
Jalaram Temple Road,
Valsad - Gujarat

Subject: Submission of Onsite Emergency plan

Respected Sir,

With respect to the above subject, we have revised and updated our **Onsite Emergency plan** as per the requirement of Schedule 8-A of Gujarat Factory Rules, Rule No. 68-J (12) (I). for Aarti Industries Ltd, Situated at - Plot No. 801 801/23 802 803 804/1 2 3 801/15 To 19 21 & 22 806 & 807, Phase-3, G.I.D.C. Vapi, Dist: Valsad, Gujarat. We are hereby submitting the onsite emergency plan for your reference.

If you need any additional information, It will be provided on hearing from you.

Thanking you

For Aarti Industries Ltd (Organic/Acid Division)


Authorized Signatory
Saravanan S
(Factory Manager)

APD
21/11/22
ઇનપર્ક ડલાઈ
નાયબ નિયામકની હાજરી
ઓફીસિયલ સહાયક અને સ્વાસ્થ્ય
વલ સા ક.

Attached : Onsite Emergency Plan.

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, 11rd Phase, GIDC Vapi-396195, Dist- Valsad, INDIA. T : 0260-2400386,
Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.
T : 022-67976666, F : 022-2585 3234 | E : info@aarti-industries.com



ON-SITE EMERGENCY PLAN

[Prepared as required by Schedule 3-A, Rule 69 – J (12) (1) of The CFR 1963]

&
[The rule 13(1) of MSHC Rules 1988 (Manufacture, Storage and Import of Hazardous chemicals Rule -1988)]

OF
**M/s. AARTI INDUSTRIES LTD,
(ORGANIC & ACID DIVISION),
VAPI**

November 2022

Address:

Plot
No.801/23,802,803,804/1,2&3
,801/15 to 19,21 & 22,
806,807
Phase III
GIDC Estate, Vapi
Dist. - Valsad-396195
Gujarat, India

TAX INVOICE

Insurer Name:	TATA AIG GENERAL INSURANCE COMPANY LIMITED		
Insurer Address:	2ND FLOOR, CITI TOWER, 61, DR. S.S.RAO ROAD, NEXT TO M.G.M HOSPITAL, PAREL(E), MUMBAI - 400012 MAHARASHTRA MUMBAI 400012	GSTIN of Supplier : 27AABCT3518Q1ZW	
Customer Name :	AARTI INDUSTRIES LIMITED	Invoice No.:	MH23I00006490053
Customer Address:	71, UDAYOG KSHETRA, 2ND FLR. MULUND-GOREGAON, LINK ROAD, MULUND (W), MUMBAI MAHARASHTRA MUMBAI 400080	Invoice Date:	18/01/2024
PAN:	AABCA2787L	Place of Supply:	MAHARASHTRA
GSTIN :	27AABCA2787L12C	State Code:	27
Policy Number :	0304011371	Proposal Number :	202401180307599

Sr. No.	Description	SAC	Taxable Value	IGST		CGST**		SGST/UTGST**		Total Value
				Rate	Amount	Rate	Amount	Rate	Amount	
1	<u>Service category :-</u> <u>Description</u> General Insurance Services	997139	10,135.94	0%	0.00	9%	912.00	9%	912.00	11,959.94
Total Amount Due			10,135.94	0%	0.00	9%	912.00	9%	912.00	11,959.94

Total Invoice value (In words): Rupees Eleven Thousand Nine Hundred Fifty Nine And Ninety Four Paise And Paise Zero Only

Remarks, if any:

Any Stamp Duty / Environment Relief Fund etc which are in the nature of government duties is charged and collected separately. The same should not form a part of tax Invoice/Credit note

For Tata AIG General Insurance Company Limited

Whether tax payable under RCM -NO

I/We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.



Authorized Signatory



Date: 16/01/2024

AAKTI INDUSTRIES LIMITED
71, UDYOG KINETRA, 2ND FLR, MUMUND-GOREGAON, LINK ROAD,
MUMUND (W), MUMBAI
MUMBAI - 400088
MUMBAI
MAHARASHTRA
INDIA
27AABCA2787112C(GSTIN Number)

Policy No : 0304011371
Renewal : 00
Endorsement : 00

Dear Sir / Madam,

We thank you for choosing Tata AIG General Insurance Company Ltd. as your preferred insurer. Your Policy No. Is 0304011371 00 00.

We are glad that you have chosen our product **PUBLIC LIABILITY ACT** and given us an opportunity to be your risk carrier for this Product.

'Casualty Line' caters to most of the Enterprises / Industries in India, whether Large, Medium or Small. As one of the India's most established insurance companies, we understand these unique needs of coverage. At Tata AIG we care for you and would strive to offer convenience coupled with a range of products that cater continuously to your ever increasing needs.

Enclosed please find your policy document based on the information furnished by you in the Proposal.

We look forward to a long and mutually beneficial relationship and providing you wider range of benefits in the years to come.

Yours Sincerely,
For Tata AIG General Insurance Company Limited

Authorized Signatory

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Gaspetree Kadan Marg, Off Senapati Bapat Marg, Lower Parel, Mumbai- 400 013.
IRDA Registration No.108, CIN No : U85110MH2000PLC128425, PAN : AABCT3518Q, UIN No : IRDANI06CP0056V04201019
Website: www.tataaig.com 24X7 Tollfree Helpline 1800-266-7780 E-mail: customersupport@tataaig.com



**PUBLIC LIABILITY ACT POLICY
POLICY SCHEDULE**

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

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

Attaching to and forming part of Policy No. 0304011371 00 00
Name of Insured Owner: ARTI INDUSTRIES LIMITED
Business: CHEMICAL MANUFACTURING
Address: 71, LIDYOG KSHETRA, 2ND FLR, MULUND-GOREGAON, LINK ROAD,
MULUND (W), MUMBAI
MUMBAI - 400080
MAHARASHTRA
INDIA
Z7AABCA2787L1ZC(GSTIN Number)
Place of supply -MAHARASHTRA
State code -27

Territorial limits: Anywhere in India

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

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

Service Tax Registration No:
Premium ₹ 10,135.94
UGST/SGST @9 % ₹ 912.00
CGST @9 % ₹ 912.00

Contribution to the
Environment Relief Fund ₹ 10,135.94

Date of Proposal and declaration: 09/01/2024

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

The stamp duty of ₹.5 paid in cash or demand draft or by pay order, vide Receipt/Challan no: LQA/CSD/01/2023/4269 dated the 25/10/2023

For Tata AIG General Insurance Company Limited

Authorized Signatory

Date :18/01/2024
Place :MUMBAI

Policy Servicing Office
Tata AIG General Insurance Company Limited
2ND FLOOR, CITI TOWER, 61, DR. S.S.RAO ROAD,, NEXT TO H.G.M HOSPITAL, PAREL(E), MUMBAI - 400012, MUMBAI, MAHARASHTRA, MUMBAI-400012
Tel No:22-22-62606600

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Opposite Kadam Marg, Off Senapati Bapat Marg, Lower Parel, Mumbai - 400 013.
IRDA Registration No.106, CIN No : U85110MH2000PLC128425, PAN : AABCT3518Q, UIN No : IRDANI06CF8058V01201819
Website: www.arti.aig.com 24X7 Tollfree Helpline 1800-266-7790 E-mail: customersupport@tataaig.com

RECEIPT

Receipt No. : 102001063000111

Receipt Date : 29/12/2023

Policy No : 0304011371 00 00

Received with thanks from AARTI INDUSTRIES LIMITED a sum of ₹ 22,095.00 (Rupees Twenty Two Thousand Ninety Six And Paise Zero Only)

Sr. No.	Policy Number	Total Premium (₹)	Utilized from the receipt for policy (₹)	Balance (₹)
1	0304011371 00 00	22,095.88	22,095.88	0.00

Note:

1. This is a computer generated receipt and does not require a signature.
2. Upon issuance of this Receipt, all previously issued temporary receipts, if any, related to this Policy shall be considered null and void.
3. Amounts received by cheque shall be subject to realization.
4. Any amount received in excess of the Premium is being/shall be refunded by the Company.

GSTIN : 27AABCT3518Q1ZWF - MAHARASHTRA Service Accounting Code : 997139

Revenue (consolidated) Stamp Duty duly paid vide challan No.LQA/CSD/47/2023/2581 date 22/05/2023 for applicable cases.

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Ganpatrao Kadam Marg, Off Senapati Bapat Marg, Lower Panel, Mumbai- 400 013.

IRDA Registration No.106, CIN No : U85110MH2000PLC128425, PAN : AABCT3518Q
Website: www.tataaig.com 24x7 Tollfree Helpline 1800-266-7780 E-mail: customersupport@tataaig.com

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Ganpatrao Kadam Marg, Off Senapati Bapat Marg, Lower Panel, Mumbai- 400 013.
IRDA Registration No.106, CIN No : U85110MH2000PLC128425, PAN : AABCT3518Q, UIN No : IRDAN108CP0056V01201819
Website: www.tataaig.com 24x7 Tollfree Helpline 1800-266-7780 E-mail: customersupport@tataaig.com

LIABILITY INSURANCE POLICY (UNDER PUBLIC LIABILITY INSURANCE ACT 1991)

1. OPERATIVE CLAUSE

Whereas the Insured Owner named in the schedule hereto and carrying on business described in the said schedule has applied to the Tata AIG General Insurance Company Limited (hereinafter called the Company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contribution towards the Environment Relief Fund as per the provisions of the Public Liability Insurance Act and the rules framed thereunder.

NOW THIS POLICY WITNESSETH that subject to the terms, exceptions and conditions contained herein or endorsed hereon, the company will indemnify the insured owner against the statutory liability arising out of accidents occurring during the currency of the policy due to handling hazardous substances as provided for in the said Act and the Rules framed thereunder.

2. DEFINITIONS:

- a) "ACT" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act 1991 as amended from time to time;
- b) "Accident" means an accident involving a fortuitous, sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radioactivity;
- c) "Handling" in relation to any hazardous substance means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance;
- d) "Hazardous Substance" means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986, and exceeding such quantity as may be specified, by notification, by the Central Government;
- e) "Owner" means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:
 - i) in the case of a firm any of its partners;
 - ii) in the case of an association, any of its members, and
 - iii) in the case of a company, any of its directors, managers, secretaries or other officers who is/are directly in charge of, and is/are responsible to the company for the conduct of the business of the company;
- f) "Turnover" shall mean
 - i) Manufacturing units-Annual Gross Sales of all goods including all levies and taxes
 - ii) Godowns/ warehouse owners-Total Annual rental receipts.
 - iii) Transport Operators-Total Annual freight receipts.
 - iv) Others-Total Annual gross receipts.

3. EXCLUSIONS:

- (1) arising out of wilful or intentional non-compliance of any Statutory provisions.
- (2) in respect of fines, penalties, punitive and/or exemplary damages.
- (3) arising under any other legislation except in so far as provided for in Section 8 Sub Section (1) and (2) of the Act.
- (4) in respect of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured Owner's control, care or custody.
- (5) directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power;
- (6) directly or indirectly caused by or contributed to by,
 - (a) ionising radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel
 - (b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

4. CONDITIONS:

The Insured owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or of any specific event or circumstance that may give rise to a claim. The Insured Owner shall immediately give to the Company copies of notice of applications forwarded by the Collector and all insurance in the subject matter of the notification. For more details on risk factors, terms and conditions, please read sales brochures carefully before concluding a sale.

TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park, Gopalan Kadan Marg, Off Senapati Bapat Marg, Lower Panel, Mumbai- 400 013.
 IRDA Registration No.198, CIN No : U85110MH2000PLC138425, PAN : AABCT3518Q, UIN No : IRDANI10CP0658V01201819
 Website: www.tataaig.com 24X7 Tollfree Helpline: 1800-266-7780 E-mail: customercare@tataaig.com



such additional information and or assistance that the company may require.

- (2) No admission, offer, promise or payments shall be made or given by or on behalf of the Insured owner under this policy without the written consent of the Company.
- (3) The Company shall not be liable for any claim for relief made after five years from the date of occurrence of the accident.
- (4) The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.
- (5) If at the time of happening of any accident resulting in a claim under this policy there be any other insurance covering the same liability, then the Company shall not be liable to pay or contribute more than its ratable proportion of such liability.
- (6) This policy may be cancelled by the Insured Owner by giving 30 days notice in writing to the company in which event the Company will retain premium at short period scale subject to there not having occurred an accident during the policy period which may give rise to a claim(s), failing which no refund of premium shall be allowable.
- (7) This Policy may also be cancelled by the Insurer by giving 30 days notice in writing to the Insured Owner in which event the Company shall be liable to repay on demand a ratable proportion of the premium for the unexpired term from the date of cancellation.
- (8) If the Company shall disclaim liability to the Insured Owner for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a competent court of law, then the claim for the practical purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.
- (9) The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported, by any person on behalf of the Insured Owner and/or if the insurance has been continued in consequence of any material misstatement or non-disclosure of any material information by or on behalf of the Insured Owner. In such a case if the Company pays any amount to the claimant due to any statutory provision such amount shall be recoverable from the Insured Owner.
- (10) The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or in this Policy shall bear such specific meaning.
- (11) Any dispute regarding interpretation of the terms, conditions and exclusions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.

GRIEVANCE REDRESSAL POLICY

Grievance Lodgment Stage

The Company is committed to extend the best possible service to its customers. However, if you are not satisfied with our services and wish to lodge a complaint, please feel free to contact us through below channels:

Call us 24x7 toll free helpline 1800 266 7780

Email us at customersupport@tataaig.com

Write to us at : Customer Support, Tata AIG General Insurance Company Limited

A-501 Building No.4 IT Infinity Park, Dindoshi, Malad (E), Mumbai - 400097

Visit the Servicing Branch mentioned in the policy document

Nodal Officer

Please visit our website at www.tataaig.com to know the contact details of the Nodal Officer for your servicing branch.

After investigating the grievance internally and subsequent closure, we will send our response within a period of 10 days from the date of receipt of the complaint by the Company or its office in Mumbai. In case the resolution is likely to take longer time, we will inform you of the same through an interim reply.

Escalation Level 1

For lack of a response or if the resolution still does not meet your expectations, you can write to manager.customersupport@tataaig.com. After investigating the matter internally and subsequent closure, we will send our response within a period of 8 days from the date of receipt of your complaint.

Escalation Level 2

For lack of a response or if the resolution still does not meet your expectations, you can write to the Head-Customer Services at head.customerservices@tataaig.com. After examining the matter, we will send you our response within a period of 7 days from the date of receipt of your complaint. Within 30 days of lodging a complaint with us, if you do not get a satisfactory response from us and you wish to pursue other avenues for redressal of grievances, you may approach Insurance Ombudsman appointed by IRDA under the Insurance Ombudsman Scheme. Given below are details of the Insurance Ombudsman located at various centers.

List of Insurance Ombudsman Offices

Office of the Ombudsman	Address & Contact details	Jurisdiction of Office Union Territory, District
AHMEDABAD	Office of the Insurance Ombudsman, Jeevan Prakash Building, 6th floor, Tlak Marg, Relief Road, Ahmedabad - 380 001. Tel.: 079 - 25501201/02/05/06 Email: bimalokpal.ahmedabad@ecol.co.in	Gujarat, Dadra & Nagar Haveli, Daman and Diu.
BANGALURU	Office of the Insurance Ombudsman, Jeevan Soudha Building, PWD No. 37-27-4-19 Ground Floor, 15/19, 24th Main Road, JP Nagar, 1st Phase, Bangalore - 560 078. Tel.: 080 - 26652048 / 26652049 Email: bimalokpal.bangalore@ecol.co.in	Karnataka
BHOPAL	Office of the Insurance Ombudsman, Janak Vihar Complex, 2nd Floor, 6, Mahiya Nagar, Opp. Airtel Office, Near New Market, Bhopal - 462 003. Tel.: 0755 - 2769281 / 2769202 Fax: 0755 - 2769203 Email: bimalokpal.bhopal@ecol.co.in	Madhya Pradesh Chattisgarh
BHUBANESHWAR	Office of the Insurance Ombudsman, 62, Forest park, Bhubaneswar - 751 009. Tel.: 0674 - 2596461 / 2596455 Fax: 0674 - 2596429 Email: bimalokpal.bhubaneswar@ecol.co.in	Orissa
CHANDIGARH	Office of the Insurance Ombudsman, S.C.O. No. 101, 102 & 103, 2nd Floor, Betra Building, Sector 17 - D, Chandigarh - 160 017. Tel.: 0172 - 2706196 / 2706468 Fax: 0172 - 2708274 Email: bimalokpal.chandigarh@ecol.co.in	Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir, Chandigarh
CHENNAI	Office of the Insurance Ombudsman, Pallava Alditer Court, 4th Floor, 453, Anna Salai, Teynampet, CHENNAI - 600 018. Tel.: 044 - 24339669 / 24335284 Fax: 044 - 24333664 Email: bimalokpal.chennai@ecol.co.in	Tamil Nadu, Pondicherry Town and Karaikal (which are part of Pondicherry).
DELHI	Office of the Insurance Ombudsman, 2/2 A, Universal Insurance Building, Asaf Ali Road, New Delhi - 110 002. Tel.: 011 - 23239633 / 23237532 Fax: 011 - 23230658 Email: bimalokpal.delhi@ecol.co.in	Delhi
GUWAHATI	Office of the Insurance Ombudsman, Jeevan Nivesh, 3th Floor, Mr. Panbazar over bridge, S.S. Road, Guwahati - 781001 (ASSAM). Tel.: 0361 - 2132204 / 2132205 Fax: 0361 - 2732937 Email: bimalokpal.guwahati@ecol.co.in	Assam, Meghalaya, Manipur, Mizoram, Arunachal Pradesh, Nagaland and Tripura
HYDERABAD	Office of the Insurance Ombudsman, 6-2-46, 1st floor, "Moin Court", Lane Opp. Salcem Function Palace, A. C. Guards, Lakdi-Ka-Pool, Hyderabad - 500 004. Tel.: 040 - 85504123 / 23312122 Fax: 040 - 23376599 Email: bimalokpal.hyderabad@ecol.co.in	Andhra Pradesh, Telangana, Yanam and part of Territory of Pondicherry.
JAIPUR	Office of the Insurance Ombudsman, Jeevan Nidhi - II Bldg., Gr. Floor, Bhawan Singh Marg, Jaipur-302 005. Tel.: 0141 - 2740363 Email: bimalokpal.jaipur@ecol.co.in	Rajasthan
ERNAKULAM	Office of the Insurance Ombudsman, 2nd Floor, Polinet Bldg., Opp. Cochin Shipyard, M. G. Road, Ernakulam - 682 015. Tel.: 0484 - 2358799 / 2359338 Fax: 0484 - 2359336 Email: bimalokpal.ernakulam@ecol.co.in	Kerala, Lakshadweep, Mahe-a part of Pondicherry
KOLKATA	Office of the Insurance Ombudsman, Hindustan Bldg. Annex, 4th Floor, 4, C.R. Avenue, KOLKATA-700 072. Tel.: 033 - 22124339 / 22124340 Fax: 033 - 22124341 Email: bimalokpal.kolkata@ecol.co.in	West Bengal, Sikkim, Andaman & Nicobar Islands
LUCKNOW	Office of the Insurance Ombudsman, 6th Floor, Jeevan Bhawan, Phase-II, Naval Kishore Road, Hazratganj, Lucknow - 226 001. Tel.: 0522 - 2231330 / 2231331 Fax: 0522 - 2231310 Email: bimalokpal.lucknow@ecol.co.in	Districts of Uttar Pradesh : Lucknow, Jhansi, Mahoba, Hamirpur, Banda, Chitrakoot, Allahabad, Mirzapur, Sonbhadra, Fatehpur, Prayagrah, Jaunpur, Varanasi, Goranpur, Jalaun, Kanpur, Lucknow, Unnao, Sitapur, Lakhimpur, Bahraich, Barabanki, Raebareilly, Sravasti, Gonda, Faizabad, Amethi, Kaushambi, Balrampur, Basti, Ambedkarnagar, Sultanpur, Maharaigang, Sambhalnagar, Azamgarh, Kushinagar, Gonda, Deoria, Mau, Ghazipur, Chandauli, Ballia, Sitabganj

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.

TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Pacific Business Park, Chhatrapati Khatu Marg, OIT Sarapali Bopal Marg, Lower Panel, Mumbai - 400 013.

IRDA Registration No.184, CIN No : U85110MH2000PLC128433, PAN : AABC73518Q, UIN No : IRDAN108CP0050V01201819

Website: www.tataaig.com 24x7 Tollfree Helpline 1800-266-7780 E-mail: customersupport@tataaig.com

MUMBAI	Office of the Insurance Ombudsman, 3rd Floor, Jeevan Seva Anand, S. V. Road, Santacruz (W), Mumbai - 400 054. Tel.: 022 - 26106552 / 26106960 Fax: 022 - 26106052 Email : himalokpal.mumbai@ecoi.co.in	Goa, Mumbai Metropolitan Region excluding Navi Mumbai & Thane
NOIDA	Office of the Insurance Ombudsman, Bhagwan Sahai Palace, 4th Floor, Main Road, Naya Bani, Sector 15, Dist: Gautam Buddha Nagar, U.P-201301. Tel.: 0120-2514250 / 2514252 / 2514253 Email : himalokpal.noida@ecoi.co.in	State of Uttaranchal and the following Districts of Uttar Pradesh : Agra, Aligarh, Bagpat, Bareilly, Bijnor, Budhkot, Bulandshahr, Etah, Kanauj, Mathura, Meerut, Moradabad, Muzaffarnagar, Oran, Pilibhit, Rampur, Farrukhabad, Firozabad, Gauriganj, Ghazipur, Haridwar, Meerut, Moradabad, Muzaffarnagar, Rampur, Shahjahanpur, Hapur, Shamli, Meerut, Moradabad, Muzaffarnagar, Saharanpur
PATNA	Office of the Insurance Ombudsman, 1st Floor, Kalpana Arcade Building, Bazar Samiti Road, Bahadurpur, Patna 800 006, Tel.: 0612-2680952 Email:himalokpal.patna@ecoi.co.in	Bihar, Jharkhand
PUNE	Bhagwan Sahai Palace, 4th Floor, Main Road, Naya Bani, Sector 15, G.B. Nagar, Noida. NOIDA - 201301 Tel: 0120-2514250/51/53 Email: himalokpal.noida@ecoi.co.in	Maharashtra, Area of Navi Mumbai and Thane excluding Mumbai Metropolitan Region

Tata-AIG General Insurance Company Limited



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

Location	Location Address
Alchemie Organics	PLOT NO. 902 923 PHASE-II, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
AMINE	285,286/1 A 322 12 23 24 NA 40SHED AREA GIDC PHASE II DIST- VALSAD, VAPI 396195
APPLE ORGANICS	PLOT NO. 630 , 609 & C18/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
Baroda	Block number 1, 3rd floor, R S No 3, Keval Corporate Park, Village channi, Baroda-390002 BLOCK NO 5 R S NO 380 VILLAGE CHANNI KEVAL CORPORATE PARK BUILDING T P SCHEME NO 48 FP NO 43/1 OPP CHHANI GEB NEAR PRAKRUTI RESTAURANT BARODA - 391740 PARKWAY REALTY LLP
DAHEJ- NEO	PLOT NO.Z/103/C DAHEJ SEZ II, TAL VAGRA, DIST. BHARUCH, GUJARAT-392130
DAHEJ-DIAMOND	PLOT NO Z-103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130,
DAHEJ-SAFRON	PLOT NO - Z 111 B, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH- 392130
MASCENT	PLOT NO. 24, PHASE-I, G.I.D.C., DIST. VALSAD, VAPI 396195
R & D MHAFETurbe	PLOT NO A-94/1 MIDC, TTC IND AREA,NAVI MUMBAI - DIST THANE
ACID	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
R & D VAPI - Organic	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
SSP Fertiliser	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Vapi Unit - Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195

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



For Tata AIG General Insurance Company Limited

Authorized Signatory



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

9वीं मंजिल, पार्क पैराडाइज, वडसर

वडोदरा- 390012

9th Floor, Park Paradise, Vadsar,
Vadodara - 390012

Annexure 12

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

Phone/Fax No : 0265 - 2361035

संख्या /No. : P/HQ/GJ/15/1447 (P11070)

दिनांक /Dated : 31/10/2023

सेवा में
/To,

M/s. M/S. AARTI INDUSTRIES LTD.,
Plot no 801, 801/23, 3rd Phase, GIDC Vapi, Dist,
Vapi,
Taluka: Vapi,
District: VALSAD,
State: Gujarat
PIN: 395195

विषय /Sub : Plot No, P.N-802/803/804, AT. 3rd Phase, GIDC VAPI, VAPI, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195
में स्थित विद्यमान पेट्रोलियम वर्ग A,B अधिष्ठापन में अनुज्ञप्ति सं P/HQ/GJ/15/1447 (P11070) के नवीकरण के संदर्भ में।
Existing Petroleum Class A,B Installation at Plot No, P.N-802/803/804, AT. 3rd Phase, GIDC VAPI, VAPI, Vapi, Taluka: Vapi,
District: VALSAD, State: Gujarat, PIN: 396195 - Licence No. P/HQ/GJ/15/1447 (P11070) - Renewal regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1507349 दिनांक 30/10/2023 का अवलोकन करें।

Please refer to your letter No.: OIN1507349, dated 30/10/2023

अनुज्ञप्ति संख्या P/HQ/GJ/15/1447 (P11070) दिनांक 23/10/2023 को दिनांक 31/12/2033 तक नवीनीकृत कर इस पत्र के साथ अग्रित की जा रही है।

Licence No. P/HQ/GJ/15/1447 (P11070) dated 23/10/2023 is forwarded herewith duly renewed upto 31/12/2033.

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

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

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

(तेजवीर सिंह)

(Tejveer Singh)

उप विस्फोटक नियंत्रक

Dy. Controller of Explosives

कृते संयुक्त मुख्य विस्फोटक नियंत्रक

For Jt. Chief Controller of Explosives

वडोदरा/Vadodara

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

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

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

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

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

अनुज्ञप्ति सं. (Licence No.): P/HQ/GJ/15/1447(P11070)

फीस रूपए (Fee Rs.) 55000/- per year

M/s. M/S. AARTI INDUSTRIES LTD., Plot no 801, 801/23, 3rd Phase, GIDC Vapi, Dist, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 395195 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 1073.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/GJ/15/1447(P11070) तारीख 24/10/2019 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. M/S. AARTI INDUSTRIES LTD., Plot no 801, 801/23, 3rd Phase, GIDC Vapi, Dist, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 395195 valid only for the importation and storage of 1073.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/GJ/15/1447(P11070) dated 24/10/2019 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2033 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the 31st day of December 2033

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	1026.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	45.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	1073.00 KL

January 8, 1998

Chief Controller of Explosives

- 1). Amendment dated - 13/04/2010
- 2). Amendment dated - 23/10/2023

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टताएं संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: P.N-802/803/804, AT. 3rd Phase, GIDC VAPI, VAPI, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 स्थान पर अवस्थित है तथा उसमें निम्नलिखित 6 Under Ground tank(s) for CLASS A , 2 Above Ground tank(s) for CLASS B सम्मिलित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: P.N-802/803/804, AT. 3rd Phase, GIDC VAPI, VAPI, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 and consists of 6 Under Ground tank(s) for CLASS A , 2 Above Ground tank(s) for CLASS B together with connected facilities.

Note:-This is system generated document does not require

signature.

Digitally signed by TEJVEER SINGH
Reason: Licence No. : P/HQ/GJ/15/1447
Location:Vadodra (P11070)
Date:31-10-2023 11:39:27 AM

अनुज्ञापि संख्या-(Licence No.) P/MQ/GJ/16/1447 (P11070)

नवीनीकरण के पत्रांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञापि की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञापि फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी।
This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.

	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	30/12/2004	31/12/2007	Sd/- D K Gupta
2).	20/12/2007	31/12/2010	Sd/- Rajnish Piptani
3).	12/11/2010	31/12/2013	Sd/- Ashendra Singh
4).	21/10/2013	31/12/2023	Sd/- R.K.MAINDOLA Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Mumbai
5).	31/10/2023	31/12/2033	Tejveer Singh Dy. Controller of Explosives For Jt. Chief Controller of Explosives Vadodara

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

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

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



भारत सरकार / Government of India
वाणिज्य और उद्योग मंत्रालय / Ministry of Commerce & Industry
पेट्रोलियम तथा किस्फोटक सुरक्षा संगठन / Petroleum & Explosives Safety Organisation (PESO)
एवी मॉडल, पार्क पैराडाइस, वडोदरा
प्लॉट नं.- 390012
9th Floor, Park Paradise,
Vadodra,
Vadodra - 390012

ईमेल/E-mail : jtnc.vadodra@explosives.gov.in

दूरभाष/Phone/Fax No : 0265 - 2361035

दि/Date : 30/07/2024

सं/No : G/MC/GJ/06/16(G14103)

सेवा में/To,

M/s. AARTI INDUSTRIES LTD.,
74 MATRU SMRUTI ROAD 4 SCHEME 8,,
SION MUMBAI
City: Mumbai,
Taluka: Mumbai,
District: MUMBAI
State: Maharashtra
Pin : 400022

विषय/Subject Plot No: 801 801/23, GIDC VAPI PHASE III, Village/Town: GIDC VAPI PHASE III, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में CHLORINE गैस का भंडारण- गैस सिलेंडर नियम, 2016 के अंतर्गत नवीकरण के बारे में/Storage of CHLORINE gas in cylinders at Plot No: 801 801/23, GIDC VAPI PHASE III, Village/Town: GIDC VAPI PHASE III, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - under Gas Cylinders Rules, 2016 - Renewal regarding.

Sir(s),

कृपया आपके दि. 27/07/2024 के आवेदन सं. OIN1720533 का संदर्भ ग्रहण करें/Please refer to your application No.OIN1720533 dated 27/07/2024 .

30th September 2034 तक विधिमाम्य अनुज्ञप्ति संख्या G/MC/GJ/06/16 इसके साथ नवीकरण कर अग्रयित की जा रही है/ Licence Number. G/MC/GJ/06/16 is renewed and valid upto 30th September 2034 is forwarded herewith.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन इस कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2034 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2034 के पश्चात परंतु दिनांक 30 सितम्बर 2035 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचारणीय होगा। दिनांक 30 सितम्बर 2035 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी। /Please note that application for renewal of the licence should be submitted so as to reach this office before the licence expires (i.e. on or before 30th September, 2034) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2034 but not later than 30th September, 2035 shall be considered only with late fee applicable vide Rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, 2035.

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

भवदीय/Yours faithfully,

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

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



फॉर्म F / FORM F

नियम 50, 51 और 54 देखें / (See Rules 50, 51 and 54)
Licence to store compressed gas in cylinders

अनुज्ञप्ति संख्या/ Licence No. : G/WC/GJ/06/916(G14109)

वार्षिक शुल्क/ Fee Rs. 4000/- per year

M/s. AARTI INDUSTRIES LTD., 74 MATRU SMRUTI ROAD 4 SCHEME 6, SION MUMBAI, City: Mumbai, Taluka: Mumbai, District: MUMBAI, State: Maharashtra, Pin: 400022 को नीचे वर्णित और रेखांक संख्या G/WC/GJ/06/916(G14109) dated 22/11/1990 में वर्णित किए गए अनुज्ञाप परिस्तर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञप्ति की अन्य शर्तों के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलिण्डरों को रखने के लिए ही विधिमन्य अनुज्ञप्ति दी जाती है। /

Licence is hereby granted to M/s. AARTI INDUSTRIES LTD., 74 MATRU SMRUTI ROAD 4 SCHEME 6, SION MUMBAI, City: Mumbai, Taluka: Mumbai, District: MUMBAI, State: Maharashtra, Pin: 400022 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No. G/WC/GJ/06/916(G14109) dated 22/11/1990 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुज्ञप्ति 30 सितम्बर 2034 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2034.

For Jt. Chief Controller of Explosives

Mumbai

November 22, 1990

कृते संयुक्त मुख्य विस्फोटक नियंत्रक
नवी मुंबई (महल)

अनुज्ञाप परिस्तर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार सिलिण्डरों में भरी गैस रखने के लिए अनुज्ञाप परिस्तर, जिसकी अभिव्यास सीमाओं और अन्य विविधियों को संलग्न अनुमोदित रेखांक सं G/WC/GJ/06/916 dated November 22, 1990 में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/WC/GJ/06/916 dated November 22, 1990 are situated at GIDC VAPI PHASE III and consists of a storage shed for possession of the gas contained in cylinders as described here under:

गैस का प्रकार /Type of Gas	मात्रा /Quantity
a) विषैले/ Toxic	CHLORINE - 286 Nos.
b) गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	-NIL-
c) गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	-NIL-
d) घुलित एसिटिलीन गैस /Dissolved Acetylene Gas	-NIL-
e) द्रव्यपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	-NIL-
f) द्रव्यपीजी/ Liquefied Petroleum Gas	-NIL-

और प्लॉट संख्या Plot No : 801 801/23 ग्राहक का नाम गांव : GIDC VAPI PHASE III या नगर पुलिस थाना : VAPI जिला : VALSAD, राज्या : Gujarat.

/ and is situated at Plot No : 801 801/23 Village/Town : GIDC VAPI PHASE III Police Station : VAPI District : VALSAD, State: Gujarat.

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

नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञप्ति प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
30/07/2024	30/09/2034	Tajveer Singh DCE For Jt. Chief Controller of Explosives Vadodara

यदि अनुज्ञाप परिस्तर इससे उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति का धारक कारावास से, जिसकी अवधि छे वर्ष तक की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा। / This licence is liable to be cancelled if the licensed premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

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

परिसर में परिचालन स्विच के साथ एक प्रभावशाली अलार्म प्रणाली की व्यवस्था की जाएगी। आपात स्थिति में, परिसर में स्विच ऑपरेट करने पर नियंत्रण कक्ष में

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

for Jt. Chief Controller of Explosives
Vadodra
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
वडोदरा

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

25 Years Old Experience
BAFNA
MONSOON SHED
Specialized in: Temporary Tents, Marquee Tents
Between 20' to 100' in Size
Mo. : 98245 14000

ସାମ୍ରାଜ୍ୟ ଟାଇମ୍‌ସ୍

BREAKFAST BUT LEX HOUSE

A NEW
NO HOUSE
New South
England
Bucksport
ME 04869

Add Your Park & Tour Front

BOOKING CONTACT: 800-551-1408

1 સરમીને પાસે ૧૦ કીમી દિતરી મળે : વાતારપ્રમાં બહારો : બુળની ડમરી છવાઈ

જીલ્લા-સંઘપ્રદેશમાં વાતાવરણમાં
પલ્ટો : કેરી-શાકભાજીને નુકશાન

[illegible][illegible][illegible]

સાથે જોડાયેલા બે પાસેથી
સંકલિત થી પાસેથી દાખલ થી
સાથે જોડાયેલા બે પાસેથી
સંકલિત થી પાસેથી દાખલ થી

[illegible][illegible]

આજનાં બે દિવસનાં
પ્રતિષ્ઠિત માર્ગનાં સ્વરૂપ
આજનાં બે દિવસનાં
સ્વરૂપનાં બે દિવસનાં

[illegible]

પુણને જીવ
ઉઠાવી ફેરી

પરના જોખમે
હેતા વૃધ્ધાને

[illegible]

वधसाईनी सक्तः
छाईकोटेभा
छाईकोटेभा रक्त मी
निर्द्धम कर्म

[illegible]

જાપીયા 23-4-19 ઇસ્તી દિવસ
 જાપીયાના ઇસ્તી દિવસના અવકાશમાં આજે સવારે
 જાપીયાના ઇસ્તી દિવસના અવકાશમાં આજે સવારે
 રજિસ્ટર, આફિડેવ અને મંજૂરિયાત ઇલાકાતો
 રજિસ્ટર, આફિડેવ અને મંજૂરિયાત ઇલાકાતો
 રજિસ્ટર, આફિડેવ અને મંજૂરિયાત ઇલાકાતો

ओडेन वर्क्स
महानंद भार्ग, चला रोड, वापी

**Admissions open of
new session 2019-2020
For Nursery to 10 Std
ONE OF THE BEST SCHOOL OF VAPI**

VIDYA DHAN INTERNATIONAL SCHOOL
Cbsc affiliated School Affiliation no - 436373

Free of cost notebooks and textbooks

Selected LATEST TITLES

CELEBRATING OUR 25th BIRTHDAY

(Price time 7:30 am to 3:30 pm)

For Admission Contact: Mr. J. KANSHI BHABHA, Vice-Chancellor
M. 9227342832, 9994011557, 6250 246012

School Permanent Address For Admission

B-13/14, 87, BTL, Rajmoh Complex-1, Chhatewadi Rd. WAF - 394 197

School Website :- www.widyadhamachandrapal.com

अपूल्या मत को व्यर्थ न जाने दें।

VOTE FOR YOURSELF

समस्त मतदाताओं को सूचित है कि वे अपने मतदान अधिकारों का उपयोग करके अपने पसंदीदा उम्मीदवारों को चुन सकते हैं।

www.ecdn.nic.in www.collectordh.gov.in www.DEC



1950



1950



1950



1950

समस्त मतदाताओं को सूचित है कि वे अपने मतदान अधिकारों का उपयोग करके अपने पसंदीदा उम्मीदवारों को चुन सकते हैं।

अपूल्या मत को व्यर्थ न जाने दें।

अपूल्या मत को व्यर्थ न जाने दें।

अपूल्या मत को व्यर्थ न जाने दें।

**CCA Compliance of Aarti Industries Limited (Organic Division) Plot No. 801, 801/23, 806 & 807, Phase-III GIDC estate, Vapi-396 195 Tal:
Pardi, Dist: Valsad, Gujarat
Consent Order No.: AWH - 119480,
Date of issue: 20.06.2022 is valid up to 31/03/2029**

Sr. No.	Consent Requirement	Compliance Status																																																																					
1	Consent Order No.: AWH - 119480, Date of issue: 20.06.2022 is valid up to 31/03/2029	Noted & Complied																																																																					
2	The consent shall be valid up to 31/03/2029 for the use of outlet for the discharge of treated effluent and air emission and to operate Industrial plant for manufactures of the following Items/ Product.	Complied Production quantity is under permitted capacity and data is submitted regularly in XGN monthly patrak. Month Wise production details are attached as Annexure - 01																																																																					
	<table> <tr> <th>Sr. No.</th><th>Name of Product</th><th>Quantity in MT/Month</th></tr> <tr> <td></td><td>Para Nitro Chloro Benzene (PNCB)</td><td rowspan="3">9000 (Either/Or)</td></tr> <tr> <td></td><td>Ortho Nitro Chloro Benzene (ONCB)</td></tr> <tr> <td></td><td>Meta Nitro Chloro Benzene (MNCB)</td></tr> <tr> <td></td><td>2,5 Dichloro Nitro Benzene (2,5 DCNB)</td><td rowspan="8">1500 (Either/Or)</td></tr> <tr> <td></td><td>3,4 Dichloro Nitro Benzene (3,4 DCNB)</td></tr> <tr> <td></td><td>2,3 Dichloro Nitro Benzene (2,3 DCNB)</td></tr> <tr> <td></td><td>2,4 Dichloro Nitro Benzene (2,4 DCNB)</td></tr> <tr> <td></td><td>2,6 Dichloro Nitro Benzene (2,6 DCNB)</td></tr> <tr> <td></td><td>2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)</td></tr> <tr> <td></td><td>2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)</td></tr> <tr> <td></td><td>2,4 Dichloro 3 Fluoro Nitrobenzene</td></tr> <tr> <td></td><td>2,4 Dinitro Chloro Benzene (DNCB)</td><td>1500(Either/Or)</td></tr> <tr> <td></td><td>Mono Chloro Benzene (MCB)</td><td rowspan="7">8000* (Either/Or)</td></tr> <tr> <td></td><td>Ortho Dichlorobenzene (ODCB)</td></tr> <tr> <td></td><td>Para Dichloro Benzene (PDCB)</td></tr> <tr> <td></td><td>Meta Dichlorobenzene(MDCB)</td></tr> <tr> <td></td><td>1,2,4 Tri Chloro Benzene(1,2,4 TCB)</td></tr> <tr> <td></td><td>1,2,3 Tri Chloro Benzene(1,2,3 TCB)</td></tr> <tr> <td></td><td>Trichloroaniline (TCAN)</td></tr> <tr> <td></td><td>Ortho Anisidine</td><td>30</td></tr> <tr> <td></td><td>Para Anisidine</td><td>20</td></tr> <tr> <td></td><td>Dichloro Aniline</td><td>50</td></tr> <tr> <td></td><td>2,5 Dichloro Aniline</td><td>35</td></tr> <tr> <td></td><td>3,4 Dichloro Aniline</td><td>15</td></tr> <tr> <td></td><td>Ortho Chloro Aniline</td><td>10</td></tr> <tr> <td></td><td>P-Phenylenediamine</td><td>25</td></tr> <tr> <td></td><td>O-Phenylenediamine</td><td>225</td></tr> </table>	Sr. No.	Name of Product	Quantity in MT/Month		Para Nitro Chloro Benzene (PNCB)	9000 (Either/Or)		Ortho Nitro Chloro Benzene (ONCB)		Meta Nitro Chloro Benzene (MNCB)		2,5 Dichloro Nitro Benzene (2,5 DCNB)	1500 (Either/Or)		3,4 Dichloro Nitro Benzene (3,4 DCNB)		2,3 Dichloro Nitro Benzene (2,3 DCNB)		2,4 Dichloro Nitro Benzene (2,4 DCNB)		2,6 Dichloro Nitro Benzene (2,6 DCNB)		2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)		2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)		2,4 Dichloro 3 Fluoro Nitrobenzene		2,4 Dinitro Chloro Benzene (DNCB)	1500(Either/Or)		Mono Chloro Benzene (MCB)	8000* (Either/Or)		Ortho Dichlorobenzene (ODCB)		Para Dichloro Benzene (PDCB)		Meta Dichlorobenzene(MDCB)		1,2,4 Tri Chloro Benzene(1,2,4 TCB)		1,2,3 Tri Chloro Benzene(1,2,3 TCB)		Trichloroaniline (TCAN)		Ortho Anisidine	30		Para Anisidine	20		Dichloro Aniline	50		2,5 Dichloro Aniline	35		3,4 Dichloro Aniline	15		Ortho Chloro Aniline	10		P-Phenylenediamine	25		O-Phenylenediamine	225	
Sr. No.	Name of Product	Quantity in MT/Month																																																																					
	Para Nitro Chloro Benzene (PNCB)	9000 (Either/Or)																																																																					
	Ortho Nitro Chloro Benzene (ONCB)																																																																						
	Meta Nitro Chloro Benzene (MNCB)																																																																						
	2,5 Dichloro Nitro Benzene (2,5 DCNB)	1500 (Either/Or)																																																																					
	3,4 Dichloro Nitro Benzene (3,4 DCNB)																																																																						
	2,3 Dichloro Nitro Benzene (2,3 DCNB)																																																																						
	2,4 Dichloro Nitro Benzene (2,4 DCNB)																																																																						
	2,6 Dichloro Nitro Benzene (2,6 DCNB)																																																																						
	2,3,4 Trichloro Nitro Benzene (2,3,4 TCNB)																																																																						
	2,4,5 Trichloro Nitro Benzene (2,4,5 TCNB)																																																																						
	2,4 Dichloro 3 Fluoro Nitrobenzene																																																																						
	2,4 Dinitro Chloro Benzene (DNCB)	1500(Either/Or)																																																																					
	Mono Chloro Benzene (MCB)	8000* (Either/Or)																																																																					
	Ortho Dichlorobenzene (ODCB)																																																																						
	Para Dichloro Benzene (PDCB)																																																																						
	Meta Dichlorobenzene(MDCB)																																																																						
	1,2,4 Tri Chloro Benzene(1,2,4 TCB)																																																																						
	1,2,3 Tri Chloro Benzene(1,2,3 TCB)																																																																						
	Trichloroaniline (TCAN)																																																																						
	Ortho Anisidine	30																																																																					
	Para Anisidine	20																																																																					
	Dichloro Aniline	50																																																																					
	2,5 Dichloro Aniline	35																																																																					
	3,4 Dichloro Aniline	15																																																																					
	Ortho Chloro Aniline	10																																																																					
	P-Phenylenediamine	25																																																																					
	O-Phenylenediamine	225																																																																					

8	OCPNA / PCONA	100
9	Ortho Nitro Aniline (ONA) / Para Nitro Aniline (PNA)	150
0	ONCB Para sulphonic acid	25
1	3,3 Dichloro benzidine sulphate	10
2	Dilute Sulphuric Acid	1441
	TOTAL	22136

*NOTE:

Specific Conditions

1	As such either/or any product will be 8000 MT/Month, but 1, 2, 4 TCB, 1, 2, 3 TCB, TCAN not more than 1000 MT/Month.	Complied 1, 2, 4 TCB, 1, 2, 3 TCB, TCAN not more than 1000 MT/Month.
2	You shall dispose of hazardous waste to the unit with whom MOU has been done/obtained interim permission of board till 07.03.2023 then after hazardous waste shall send to those units having permission under Rule -09 of the HWM Rules - 2016.	Complied. The unit is giving hazardous waste to the unit with whom MOU has been done and obtained permission under rule 9 of the HWM Rules - 2016. /interim permission of board till 07.03.2023
3	You shall dispose hazardous waste by use of GPS mounted vehicles and XGN manifest system	Complied. Unit has achieved a 100% GPS tracking with GPS AIS - 140 system for our hazardous waste.
3	CONDITIONS UNDER THE WATER ACT:	
3.1	The quantity of total water consumption shall not exceed 898 KLD (780 KLD Fresh + 118KLD Recovered) as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974. a) Industrial: 843 KLD b) Domestic: 55 KLD	Complied Water consumption are well within the consent limit and the same has been submitted in Monthly Patrak..
3.2	The quantity of total waste water generation shall not exceed 380 KLD as per below break up as mentioned in Form I) submitted for consent application under the Water Act- 1974 a) Industrial: 330 KLD b) Domestic: 50 KLD	Complied. Effluent generation are well within the consent limit.
3.3	150 KLD treated effluent after achieving CETP inlet norms will be discharge to into GIDC underground drainage system to CETP, while 118 KLD water shall recycle, 62 KLD concentrate shall be treat in captive MEE.	Complied Treated effluent discharge quantity, not more than 150 KLD.
3.4	The unit will receive 40 KLD effluent from Aarti Industries Ltd. (Amine Division) (XGN ID 22988) and 12 KLD effluent from Aarti Industries Ltd. (Nascent Division) (XGN ID 23971) to treat effluent in captive MEE plants. The effluent will be received only through dedicated tankers along with GPS and manifest.	Complied. Received effluent from Aarti Industries Ltd. (Amine Division) (XGN ID 22988) and Aarti Industries Ltd. (Nascent Division) is under concern limit Effluent is treated in captive MEE and the effluent is received only through dedicated tankers along with GPS and manifest.
3.5	50 KLD Domestic sewage shall be treated separate in Sewage Treatment Plant (STP) to conform the following standards and treated sewage shall be utilized for gardening purposes.	Complied. Domestic sewage generated from the unit is treated in STP and used for gardening/planztation purposes.

	<table><tr><th>Sr. No.</th><th>PARAMETERS</th><th>PERMISSIBLE LIMIT</th></tr><tr><td>1</td><td>pH</td><td>6.5-9</td></tr><tr><td>2</td><td>Biochemical Oxygen Demand, BOD3, 270 C</td><td>30 mg/L</td></tr><tr><td>3</td><td>Total Suspended Solids (TSS)</td><td><100 mg/L</td></tr><tr><td>4</td><td>Fecal Coliform</td><td><1000 MPN/100 mL</td></tr></table>	Sr. No.	PARAMETERS	PERMISSIBLE LIMIT	1	pH	6.5-9	2	Biochemical Oxygen Demand, BOD3, 270 C	30 mg/L	3	Total Suspended Solids (TSS)	<100 mg/L	4	Fecal Coliform	<1000 MPN/100 mL																								
Sr. No.	PARAMETERS	PERMISSIBLE LIMIT																																						
1	pH	6.5-9																																						
2	Biochemical Oxygen Demand, BOD3, 270 C	30 mg/L																																						
3	Total Suspended Solids (TSS)	<100 mg/L																																						
4	Fecal Coliform	<1000 MPN/100 mL																																						
3.6	The quality of industrial effluent shall confirm to the following CETP inlet Norms : <table><tr><th>PARAMETERS</th><th>CETP INLET NORMS</th></tr><tr><td>PH</td><td>6.5 TO 8.5</td></tr><tr><td>Temperature</td><td>400 C</td></tr><tr><td>Color (pt.co.scale) in units</td><td>*</td></tr><tr><td>Suspended Solids</td><td>300 mg/l</td></tr><tr><td>Oil and Grease</td><td>10 mg/l</td></tr><tr><td>Phenolic Compounds</td><td>1 mg/l</td></tr><tr><td>Cyanides</td><td>0.2 mg/l</td></tr><tr><td>Fluorides</td><td>2 mg/l</td></tr><tr><td>Sulphides</td><td>2 mg/l</td></tr><tr><td>Ammonical Nitrogen</td><td>50 mg/l</td></tr><tr><td>Total Chromium</td><td>2 mg/l</td></tr><tr><td>Hexavalent Chromium</td><td>0.1 mg/l</td></tr><tr><td>Iron</td><td>3 mg/l</td></tr><tr><td>BOD (5 day at 200 C)</td><td>400 mg/l</td></tr><tr><td>COD</td><td>1000 mg/l</td></tr><tr><td>Chlorides</td><td>600 mg/l</td></tr><tr><td>Sulphates</td><td>1000 mg/l</td></tr><tr><td>Fixed dissolved Solids</td><td>2100 mg/l</td></tr></table>	PARAMETERS	CETP INLET NORMS	PH	6.5 TO 8.5	Temperature	400 C	Color (pt.co.scale) in units	*	Suspended Solids	300 mg/l	Oil and Grease	10 mg/l	Phenolic Compounds	1 mg/l	Cyanides	0.2 mg/l	Fluorides	2 mg/l	Sulphides	2 mg/l	Ammonical Nitrogen	50 mg/l	Total Chromium	2 mg/l	Hexavalent Chromium	0.1 mg/l	Iron	3 mg/l	BOD (5 day at 200 C)	400 mg/l	COD	1000 mg/l	Chlorides	600 mg/l	Sulphates	1000 mg/l	Fixed dissolved Solids	2100 mg/l	Complied Treated effluent is within the acceptance limit of CETP Vapi.
PARAMETERS	CETP INLET NORMS																																							
PH	6.5 TO 8.5																																							
Temperature	400 C																																							
Color (pt.co.scale) in units	*																																							
Suspended Solids	300 mg/l																																							
Oil and Grease	10 mg/l																																							
Phenolic Compounds	1 mg/l																																							
Cyanides	0.2 mg/l																																							
Fluorides	2 mg/l																																							
Sulphides	2 mg/l																																							
Ammonical Nitrogen	50 mg/l																																							
Total Chromium	2 mg/l																																							
Hexavalent Chromium	0.1 mg/l																																							
Iron	3 mg/l																																							
BOD (5 day at 200 C)	400 mg/l																																							
COD	1000 mg/l																																							
Chlorides	600 mg/l																																							
Sulphates	1000 mg/l																																							
Fixed dissolved Solids	2100 mg/l																																							
3.7	The final treated effluent confirming the above standards shall be discharge through GIDC underground drainage into CETP, Vapi for further treatment and disposal	Complied. Treated effluent discharge through GIDC underground drainage into CETP, Vapi for further treatment and disposal only after confirming the above standards																																						
3.8	The applicant shall stop or curtail their production activity if the effluent is not adequately treated by CETP or CETP is not in functional.	Complied & Noted Unit will stop or curtail their production activity if the effluent is not adequately treated by CETP or CETP is not in functional																																						
3.9	Unit shall affix the water meter for the purpose of measuring and recording the quantity of water consumed at such place as may be required within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.	Complied The unit has installed a water meter and records of that meter are also maintained.																																						
3.10	Unit shall install a continuous / online monitoring system and shall transmit online data generated simultaneously to GPCB and CPCB as per CPCB guideline	Complied Unit has installed a continuous / online monitoring system for the effluent and online data generated simultaneously to GPCB and CPCB as per CPCB guideline																																						

3.11	Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises, if applicable as per CPCB norms.	Complied Unit has installed display on-line data outside the main factory gate.																
3.12	Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB.	Complied Unit has keeping accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and also submitted through monthly patrak in XGN portal																
3.13	Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.	Complied The unit has Separate storm water drainage line unit that monitors the runoff/ stormwater at various significant points in order to ensure that no abnormality in water quality occurs.																
3.14	The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.	Complied The unit has carried out an Environmental audit yearly and submitted an Environmental statements audit on 08.07.2024.																
4	CONDITION UNDER THE AIR(PREVENTION AND CONTROL OF POLLUTION) ACT 1981:																	
4.1	The following shall be used as fuel in the DG Set:<table><tr><th>Sr No</th><th>Fuel</th><th>Quantity</th></tr><tr><td>1</td><td>Diescl</td><td>575 Lit/Hr</td></tr><tr><td>2</td><td>Receiving steam from M/s. Aarti Industries Limited (Acid Division) (ID: 22987)</td><td>40 TPH</td></tr></table>	Sr No	Fuel	Quantity	1	Diescl	575 Lit/Hr	2	Receiving steam from M/s. Aarti Industries Limited (Acid Division) (ID: 22987)	40 TPH	Complied Fuel consumption is under concern limit. Unit is Reciving Steam Having quantity of 40 TPH from M/s. Aarti Industries Limited (Acid Division) (ID: 22987) as and when required.							
Sr No	Fuel	Quantity																
1	Diescl	575 Lit/Hr																
2	Receiving steam from M/s. Aarti Industries Limited (Acid Division) (ID: 22987)	40 TPH																
4.2	The flue gas emission through stack attached conforms to the following standards.<table><tr><th>Sr. No.</th><th>Attached to</th><th>Stack height in meter</th><th>Air pollution control measures</th><th>Parameter</th><th>Permissible Limits</th></tr><tr><td>1</td><td>DG Set (1 No 625 KVA) (Standby)</td><td>11</td><td>Adequate stack height & acoustic enclosure</td><td rowspan="2">PM SO2 NOx</td><td rowspan="2">100 mg/Nm3 100 ppm 50 ppm</td></tr><tr><td>2</td><td>DG Set (1 No 750 KVA) (Standby)</td><td>11</td><td>Adequate stack height & acoustic enclosure</td></tr></table>	Sr. No.	Attached to	Stack height in meter	Air pollution control measures	Parameter	Permissible Limits	1	DG Set (1 No 625 KVA) (Standby)	11	Adequate stack height & acoustic enclosure	PM SO2 NOx	100 mg/Nm3 100 ppm 50 ppm	2	DG Set (1 No 750 KVA) (Standby)	11	Adequate stack height & acoustic enclosure	Complied No flue gas emissions are exceeding prescribed limits. as attached in Annexure 7.
Sr. No.	Attached to	Stack height in meter	Air pollution control measures	Parameter	Permissible Limits													
1	DG Set (1 No 625 KVA) (Standby)	11	Adequate stack height & acoustic enclosure	PM SO2 NOx	100 mg/Nm3 100 ppm 50 ppm													
2	DG Set (1 No 750 KVA) (Standby)	11	Adequate stack height & acoustic enclosure															

3	D.G. set (1 no. 1100 KVA)	11	Adequate stack height & acoustic enclosure		
4	Thermo pack 1,00,000 KCal	11	Adequate stack height & acoustic enclosure		

The Process emission through various stacks/vent attached to the shot blasting unit shall confirm to the following standards:

Stack No.	Stack Attached to	Stack height in meter	Air Pollution Control System	Parameter s	GFCB Permissible Limit
1	Chlorinator plant of MCB plant	18	Two stage Water Scrubber	Cl ₂	09 mg/nm ³
2	Nitrator of NCB plant	12	Caustic Scrubber	NO _x NH ₃	25 mg/nm ³ 175 mg/nm ³
3	HCl storage tank	11	Two stage water scrubber	HCl	20 mg/Nm ³
4	GLV NCB Plant	11	Caustic scrubber	NO _x	25 mg/Nm ³
5	Spent acid Concentration plant	11	Caustic scrubber	NO _x	25 mg/Nm ³
6	Batch Nitration plant	11	Caustic scrubber	NO _x	25 mg/Nm ³
7	DNCB Plant	11	Water scrubber followed by Caustic scrubber	NO _x	25 mg/Nm ³
8	Emergency Chlorine Leakage Handling	10	Two stage Caustic Scrubber	Cl ₂	9 mg/Nm ³
9	ETP Neutralizer	11	Caustic Scrubber	NO _x HCl	25 mg/Nm ³ 20 mg/Nm ³

Complied

No process gas emissions are exceeding prescribed limits.

as attached in Annexure 8.

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. <table><tr><th rowspan="2">Sr. No.</th><th rowspan="2">Parameters</th><th colspan="2">Permissible Limit (microgram /m³)</th></tr><tr><th>Annual</th><th>24 Hours Average</th></tr><tr><td>1.</td><td>Particulate Matter (PM₁₀)</td><td>60</td><td>100</td></tr><tr><td>2.</td><td>Particulate Matter (PM_{2.5})</td><td>40</td><td>60</td></tr><tr><td>3.</td><td>Oxides of Sulphur (SO_x)</td><td>50</td><td>80</td></tr><tr><td>4.</td><td>Oxides of Nitrogen (NO_x)</td><td>40</td><td>80</td></tr></table> ● Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals. ● 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.	Sr. No.	Parameters	Permissible Limit (microgram /m ³)		Annual	24 Hours Average	1.	Particulate Matter (PM ₁₀)	60	100	2.	Particulate Matter (PM _{2.5})	40	60	3.	Oxides of Sulphur (SO _x)	50	80	4.	Oxides of Nitrogen (NO _x)	40	80	Complied The monitoring of SO₂, NO_x, PM₁₀ and PM_{2.5} is carried out for 24 hours with a frequency of twice a week at 2 specific locations, to have 104 observations in a year. As attached in Annexure 3
Sr. No.	Parameters			Permissible Limit (microgram /m ³)																				
		Annual	24 Hours Average																					
1.	Particulate Matter (PM ₁₀)	60	100																					
2.	Particulate Matter (PM _{2.5})	40	60																					
3.	Oxides of Sulphur (SO _x)	50	80																					
4.	Oxides of Nitrogen (NO _x)	40	80																					
5	Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.	Complied. Unit is operating industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.																						
4.6	The applicant shall provide portholes, ladder, platform etc at chimney (s) for monitoring the air emissions and the same shall be open for inspection to and for use of board's staff, the chimney (s) vents attached to various sources of emission shall be designed by numbers such as s-1, s-2 etc and these shall be painted /displayed to facilitate identification.	Complied We have provided sufficient facilities like portholes, ladder, platforms to stacks for easy access sampling.																						
4.7	The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain AAQ standards in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6a.m.	Complied Noise levels are being measured on a regular basis. All the parameters are well within the limits.																						
4.8	Total control of odor nuisance from the plant premises, shall be achieved & maintained by the unit continuously	Complied.																						
5	AUTHORISATION UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES-2016																							
5.1	Number of Authorization: AWH - 119480, Date of issue: 20.06.2022	Complied & Noted																						
5.2	Reference of application No. 123049 and date : 01/06/2017.	Complied & Noted																						
5.3	M/s Aarti Industries Ltd (Organic Division), is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, so-processing,utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at, Plot No 801,801/23, 806&807 Phase III, GIDC, Vapi, Dist : Valsad	Complied & Noted																						

Details of Authorization :					Complied
Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year	Facility	
1	Discarded Containers / Bags	33.1	60	Collection, Storage, Transportation, Disposal by selling to Authorized recycle co-processing.	All the hazardous waste are being disposed via valid manifest systems and through GPCB authorized TSDF, CHWIF Disposal of Hazardous waste as shown in table are well within CCA permissible limit.
2	ETP Waste	35.3	2220	Collection, Storage, Transportation, Disposal to CHWTSDF site.	
3	MEE Salt	37.3	2540	Collection, Storage, Transportation, Disposal to CHWTSDF site.	
4	Used Oil	5.1	1	Collection, Storage, Transportation, Disposal by selling to registered recycler	
5	Distillation Residue	26.1	6732	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF	
6	Spent Carbon	36.2	12	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF	
7	a. Dilute H ₂ SO ₄ b. Dilute H ₂ SO ₄ (16% to 40%)	B15	21600 7500	Reception / collection, Storage reuse from M/s Aarti Industries Ltd. (Alchemie Organic Div.), M/s. Apex Pharma Chem Pvt Ltd. and sent dilute sulphuric (70%) as a raw material for S manufacturing distilled water parent companies under Rule	
8	Sulphuric Acid (70%)	B15	79836	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9 of Hazardous & other wastes rule 2016 or in house treatment	
9	Hydrochloric Acid (30%)	B15	158436	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9 of Hazardous & other wastes rule 2016 or in house treatment	
10	Aq. Sodium Thiosulphate (Thio Liquor)	-	1638	Collection, Storage, Transportation & sale to authorized industry having permission under rule-9 of Hazardous & other wastes rule 2016 or in house treatment	
11	Packing Material /Used PPE's / Non-recyclable plastic waste	-	120	Collection, Storage, Transportation, Disposal and Co-Processing to TSDF site	
12	Used Batteries	IV-17	25 Nos./Year	Collection, Storage, Transportation, Disposal by selling to authorized recycler	
13	Off-specific products	26.1	20	Collection, Storage, Transportation, Disposal, pre processing and co-processing or CHWIF	

5.3	The authorization is granted to operate a facility as above.	Complied.
5.4	The authorization shall be in force for a period up to 31/03/2029.	Noted and complied.
5.5	The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act 1986	Complied.
6	TERMS AND CONDITION OF AUTHORIZATION	
6.1	The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.	Complied
6.2	The Authorisation or its renewal shall be produced for inspection at the request of an officer Authorised by the State Pollution Control Board.	Noted and Complied
6.3	The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.	Complied
6.4	Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.	Complied Unit will ensure that if any change in personnel, equipment or working conditions are changed then as per consent the same shall be intimated to the Board.
6.5	The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;	Noted and Complied Emergency Response Procedure is in place and mock drill being carried out regularly
6.6	The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environment damages due to Handling and disposal of hazardous waste and penalty.	Noted and Complied. Unit will be and shall be responsible if any damages is caused due to handling and disposal of hazardous waste and would pay a penalty for the same in case of environmental damages.
6.7	It is the duty of the authorized person to take prior permission of the state pollution control board to close down the facility.	Noted and Complied
6.8	The record of consumption and fate of the imported hazardous and other wastes shall be maintained.	Unit does not import any kind of waste.
6.9	The hazardous waste and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other waste shall be treated and disposed of as per specific conditions or authorization.	Unit does not import any kind of waste
5.10	The importer or exported shall bear the cost of import or export and mitigation of damages if any.	Unit does not import - exports any kind of waste.
6.11	An application for the renewal of an authorization shall be made as laid down under these rules.	Noted and Complied.
5.12	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.	Complied Unit will comply condition if 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
13	Annual return shall be filed by June 30th for the period ensuring 31st March of the year.	Complied Annual Hazardous Waste return has been filed with SPCB on 28.06.2023

14	Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.	Complied Unit has installed on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
15	Unit shall have to manage used or spent oil empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act 1986 and shall apply Authorization for all applicable waste.	Complied Unit has disposed used or spent oil empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act 1986 and shall apply Authorization for all applicable waste.
B	Specific Conditions	
1	The authorized actual users 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.	Noted and Complied
2	Handing over of the hazardous and other waste to the authorized actual user shall be only after making the entry into the passbook of the actual user.	Complied Record is being maintained for all the Hazardous Wastes handed over to the authorized actual user.
3	In case of renewal of authorization a self-certified compliance report in respect of effluent, emission standards and the conditions specification in the authorization for hazardous and other wastes shall be submitted to SPCB.	Noted. Shall be submitted during renewal of authorization
4	The occupier of the facility shall comply with standard operating procedure/guidelines published by MOEF & CC or CPCB or GPCB from time to time.	Complied. The unit is complying with all the SOP / guidelines published by MoEF&CC, CPCB and GPCB from time to time.
5	Unit shall comply with provisions of e-waste (Management) rules 2016.	Complied. Unit is complied with provisions of e-waste (Management) rules 2016.

CCA Compliance of Aarti Industries Limited (Organic Division) Plot No. 801, 801/23, 806 & 807, Phase-III GIDC estate, Vapi-396 195 Tal: Pardi, Dist: Valsad, Gujarat Consent Order No.: AWH - 119480, Date of issue: 20.06.2022 is valid up to 31/03/2029																		
S r. N o.	Consent Requirement	Compliance Status																
1	<table border="1"> <tr> <td>1</td><td>Para Nitro Chloro Benzene (PNCB)</td><td rowspan="4">10500 (Either/or)</td></tr> <tr> <td>2</td><td>Ortho Nitro Chloro Benzene (ONCB)</td></tr> <tr> <td>3</td><td>Meta Nitro Chloro Benzene (MNCB)</td></tr> <tr> <td>4</td><td>Crude product of Para Nitro Chloro Benzene/ Ortho Nitro Chloro Benzene/ Meta Nitro Chloro Benzene</td></tr> <tr> <td>5</td><td>2,5 Dichloro Nitro Benzene (2,5 DCNB)</td><td rowspan="3"></td></tr> <tr> <td>6</td><td>3,4 Dichloro Nitro Benzene (3,4 DCNB)</td></tr> <tr> <td>7</td><td>2,3 Dichloro Nitro Benzene (2,3 DCNB)</td></tr> </table>	1	Para Nitro Chloro Benzene (PNCB)	10500 (Either/or)	2	Ortho Nitro Chloro Benzene (ONCB)	3	Meta Nitro Chloro Benzene (MNCB)	4	Crude product of Para Nitro Chloro Benzene/ Ortho Nitro Chloro Benzene/ Meta Nitro Chloro Benzene	5	2,5 Dichloro Nitro Benzene (2,5 DCNB)		6	3,4 Dichloro Nitro Benzene (3,4 DCNB)	7	2,3 Dichloro Nitro Benzene (2,3 DCNB)	Complied Production quantity is under permitted capacity and data is submitted regularly in XGN monthly patrak. Month Wise production details are attached as Annexure - 01
1	Para Nitro Chloro Benzene (PNCB)	10500 (Either/or)																
2	Ortho Nitro Chloro Benzene (ONCB)																	
3	Meta Nitro Chloro Benzene (MNCB)																	
4	Crude product of Para Nitro Chloro Benzene/ Ortho Nitro Chloro Benzene/ Meta Nitro Chloro Benzene																	
5	2,5 Dichloro Nitro Benzene (2,5 DCNB)																	
6	3,4 Dichloro Nitro Benzene (3,4 DCNB)																	
7	2,3 Dichloro Nitro Benzene (2,3 DCNB)																	

8	2,4 Dichloro Nitro Benzene (2,4 DCNB)	1500 (Either/or)
9	2,6 Dichloro Nitro Benzene (2,6 DCNB)	
1		
0	2,3,4 Trichloro Nitrobenzene (2,3,4 TCNB)	
1		
1	2,4,5 Trichloro Nitrobenzene (2,4,5 TCNB)	
1		
2	2,4 Dichloro 3 Fluoro Nitrobenzene	
	Crude product of 2,5 Dichloro Nitrobenzene / 3,4 Dichloro Nitrobenzene / 2,3 Dichloro Nitrobenzene / 2,4 Dichloro Nitrobenzene / 2,6 Dichloro Nitro Benzene	
1		
3		
1		1500 (Either/or)
4	2,4 Dinitro Chloro Benzene (2,4 DNCB)	
1		
5	2,6 Dinitro Chloro Benzene (2,6 DNCB)	8400 (Either/or) (1,2,4 TCB , 1,2,3 TCB , not more than 1000 MT/month)
1	Mixture of Dinitro Chloro Benzene (DNCB)	
6		
1		
7	Mono Chloro Benzene (MCB)	
1		
8	Ortho Dichlorobenzene (ODCB)	
1		
9	Para Dichloro Benzene (PDCB)	
2		
0	Meta Dichlorobenzene(MDCB)	
2		
1	1,2,4 Tri Chloro Benzene(1,2,4 TCB)	
2		
2	1,2,3 Tri Chloro Benzene(1,2,3 TCB)	
2		
3	Trichloroaniline (TCAN)	
	Crude Product of Ortho Dichlorobenzene / Para Dichloro Benzene / Meta Dichlorobenzene	
2		
4		
		1441
	Dilute sulphuric acid	
2		
5		
Physical separation by crystallisation		

2	6	Para dichloro benzene	1000
	7	Mixture of dichloro benzene	1425
		TOTAL	25766

SPECIFIC CONDITIONS:

1.0	There shall be no increase in pollution load after proposed change in product mix.	There is no increase in pollution load.								
2.	Condition no 3.1 to 3.5 of CCA-AWH-119480 is amended and shall be read as under:	Complied Water consumption are well within the consent limit and the same has been submitted in Monthly Patrak..								
1.1	The quantity of total water consumption shall not exceed 947 KLD(Fresh:732 KLD Recycle 215 KLD) as per below breakup as mentioned in form D submitted for consent application under water(Prevention and control of pollution) act 1974. (a) Industrial 842 KLD (b) Domestic 55 KLD (c) Gardening 50 KLD									
1.2	The generation of the industrial effluent from the manufacturing process and other ancillary industrial operation shall not exceed 328 KLD.	Complied. Effluent generation are well within the consent limit.								
1.3	Out of generated 328 KLD industrial wastewater shall be treated in provided EMS, out of which 165 KLD shall be recycle in manufacturing process, 150 KLD shall be discharge to underground pipeline leading to CETP pf Ms.VGEL, Vapi while 13 KLD shall be MEE bottom which shall be dry and sent to TSDF site.	Complied Treated effluent discharge quantity, not more than 150 KLD. Details of Treated Effluent Discharged quantity and recycled treated effluent details as below								
1.4	The quantity of domestic wastewater (sewage) from the industry shall not exceed 50 KLD which shall be treated in sewage treatment plants and utilised for gardening purposes.	Complied. Domestic sewage generated from the unit is treated in STP and used for gardening/plantation purposes.								
3.	Condition no. 5.2 of CCA-AWH-119480 is amended and shall be read as under <table><tr><th>Sr. no.</th><th>Hazardous waste & Cat.</th><th>Quantity (MT/Year)</th><th>Disposal Mode</th></tr><tr><td>1</td><td>Discarded Containers / Bags (33.1)</td><td>60</td><td>Collection, Storage, Transportation, Disposal by selling to Authorised recycler / co-processing having all required permissions of SPCB by use of</td></tr></table>	Sr. no.	Hazardous waste & Cat.	Quantity (MT/Year)	Disposal Mode	1	Discarded Containers / Bags (33.1)	60	Collection, Storage, Transportation, Disposal by selling to Authorised recycler / co-processing having all required permissions of SPCB by use of	Complied All the hazardous waste are being disposed via valid manifest systems and through GPCB authorized TSDF, CHWIF Disposal of Hazardous waste as shown in table are well within CCA permissible limit.
Sr. no.	Hazardous waste & Cat.	Quantity (MT/Year)	Disposal Mode							
1	Discarded Containers / Bags (33.1)	60	Collection, Storage, Transportation, Disposal by selling to Authorised recycler / co-processing having all required permissions of SPCB by use of							

			GPS mounted vehicles and XGN manifest system.
2	ETP Waste(35.3)	2220	Collection, Storage, Transportation, Disposal by sending to authorised Co Processor /CHWTSDf site by using GPS mounted vehicle and XGN Manifest System.
3	MEE Salt (37.3)	2540	Collection, Storage, Transportation, Disposal by sending to authorised TSDF site by use GPS mounted vehicle and XGN Manifest
4	Used Oil (5.1)	1	Collection, Storage, Transportation, Disposal by reuse or selling to registered recyclers by use of GPS mounted vehicle and XGN Manifest System.
5	Distillation Residue(26.1)	6576	Collection, Storage, Transportation, Disposal by sending to authorised CoProcessor /Preprocessor/CHWIF site by use GPS mounted vehicle and XGN Manifest
6	Spent Carbon(36.2)	12	
7	a. Dilute H ₂ SO ₄ b. Dilute H ₂ SO ₄ (16% to 40%) (B15)	a 21600 b 7500	Reception/Collection, Storage, reuse from M.s Aarti Industries Ltd. (Alchemie Organic Div.) and M/s. Apex Pharma Chem Pvt. Ltd. and sent dilute sulphuric acid (70%) to authorised end users by use GPS mounted vehicle and XGN Manifest
8	Sulphuric Acid (70%) (B15)	76128	Collection, Storage, Transportation & sale to authorised end users by use GPS mounted vehicle and XGN Manifest or in-house treatment
9	Hydrochloric Acid (30%) (B15)	162504	
10	Packing Material /Used PPE's / Non-recyclable plastic waste	120	Collection, Storage, Transportation, Disposal by sending to authorised recyclers / Co processing / CHWTSDf by use GPS mounted vehicle and XGN Manifest
11	Used Batteries (IV-17)	25 No/Year	Collection, Storage, Transportation, Disposal by sending to authorised recyclers by use GPS mounted vehicle and XGN Manifest

	12	Off-specific products (26.1)	20	Collection, Storage, Transportation, Disposal by sending to authorised CoProcessor /Preprocessor/CHWIF site by use GPS mounted vehicle and XGN Manifest	
	13	Insulation Waste	84	Collection, Storage, Transportation, Disposal to TSDP site by use of GPS mounted vehicles and XGN manifest system.	

Medical Examination Report | AARTI INDUSTRIES LTD Oct -2024

Employee Code : 55000890 Age : 53 Gender : Male
 Employee Name : Surendra Yadav
 Department : Organic_NCB
 Division : Organic
 Patient Code : 29199534 Date : 21 Oct 2024



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 : -

Color Vision : -

Without Spects	Right	Left	With Spects	Right	Left
Near	-	-	Near	-	-
Dist.	-	-	Dist.	-	-

Height : 162.000 cm Weight : 62.000 kg BMI : 23.620
 Pulse : 88 /min BP : 120/86 mmHg SPO2 : 99

Romberg's Test : ☒ Negative ☐ Positive Trismus 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 : few extraction	Skin : Normal
Ear : NAD	Nose : NAD	Throat : NAD
MSK : NAD		

Lab Findings

Hemoglobin : 14 g/dl	WBC count : 8400 /cumm	Platelet count : 2.21 Lacs/cumm
RBS : 118 mg/dl	Serum Creatinine : 0.9 mg/dl	Blood Urea : 18 mg/dl
SGPT : 9.77 IU/L	SGOT : 17.22 IU/L	Total Bilirubin : 0.3 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.H. PGD, M.L.S.)
 Regd. No.: 2012/02/0157



AVEXA HEALTHCARE

3rd floor, shraddha complex, above urmil hospital, near st bus depot, silvassa

Patient: SURENDRA YADAV

Refd. By:

Pred. Eqs: RECORDERS

Date: 21-Oct-2024 04:06 PM

Age: 53 Years

Height: 162 Cms

Weight: 62 Kgs

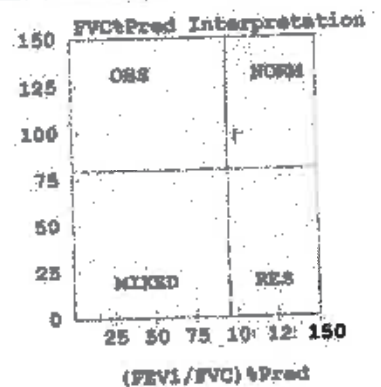
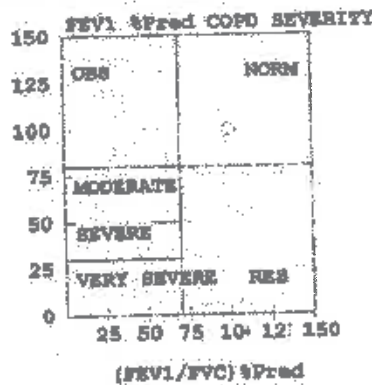
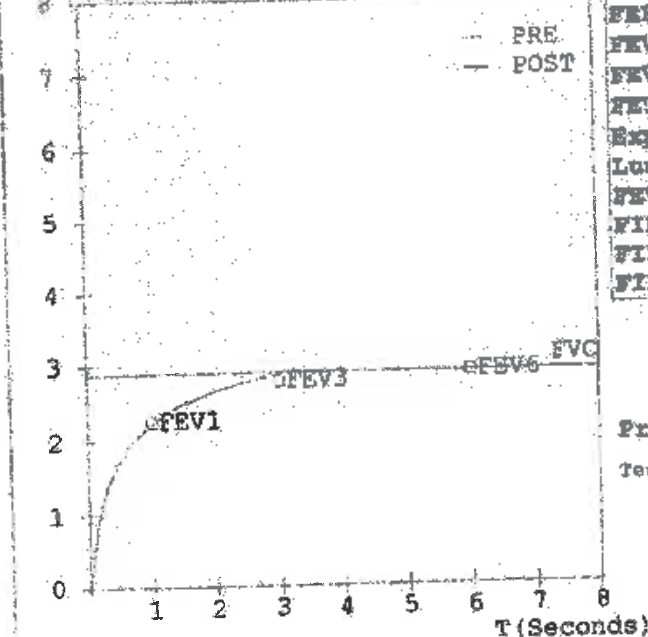
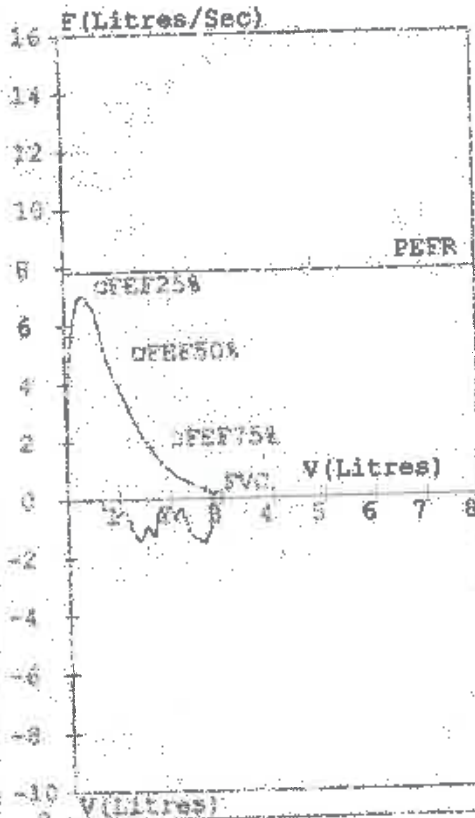
ID: 55000890

Gender: Male

Smoker: No

Eth. Corr: 100

Temp:



Spirometry (FVC Results)

Parameter	Pred	M. Pre %Pred	M. Post %Pred	%Imp
FVC (L)	02.87	02.85	099	---
FEV1 (L)	02.24	02.23	100	---
FEV1/FVC (%)	78.05	78.25	100	---
FEF25-75 (L/s)	03.20	01.86	058	---
PEFR (L/s)	07.83	07.00	089	---
FIVC (L)	---	02.19	---	---
FEV.5 (L)	---	01.76	---	---
FEV3 (L)	02.78	02.85	103	---
PIFR (L/s)	---	01.51	---	---
FEF75-85 (L/s)	---	00.60	---	---
FEF.2-1.2 (L/s)	05.60	04.91	088	---
FEF 25% (L/s)	07.34	05.33	073	---
FEF 50% (L/s)	05.02	02.27	045	---
FEF 75% (L/s)	02.08	00.76	037	---
FEV.5/FVC (%)	---	61.75	---	---
FEV3/FVC (%)	96.86	100.00	103	---
FEF (Sec)	---	02.85	---	---
ExptTime (Sec)	---	00.05	---	---
Lung Age (Yrs)	053	053	100	---
FEV6 (L)	02.87	---	---	---
FIF25% (L/s)	---	00.24	---	---
FIF50% (L/s)	---	01.24	---	---
FIF75% (L/s)	---	00.67	---	---

Pre Test COPD Severity
Test within normal limits

Dr. SAMIR J. SHAH
(M.D., D.M.K.E., C.M.P.S.O., M.L.S.)
Regd. No.: 2012/02/0157

Pre Medication Report Indicates
Early Small Airway Obstruction as FEF 25-75 %Pred or PEF25 %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.



ATHHARVTM TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name : Mr. Surendra Yadav 29199534
Age/Sex : 53 Years / Male
Ref. By :
Client Name :
Employee ID : 55000890

Reg. No : 410102499
Reg. Date : 21-Oct-2024 07:28 PM
Collected On : 21-Oct-2024 07:49 PM
Printed On : 26-Oct-2024 11:00 AM
Department : Jr Mnger

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

COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	14.0	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	L 45.40	%	47 - 52
RBC Count (Electrical Impedance)	L 4.06	million/cmm	4.7 - 6.0
MCV (Calculated)	H 111.8	fL	78 - 110
MCH (Calculated)	H 34.5	Pg	27 - 31
MCHC (Calculated)	30.8	%	30 - 35
RDW (Calculated)	H 14.1	%	11.5 - 14.0
WBC Count (Flowcytometry)	8400	/cmm	4000 - 10500
Platelet Count	221000	/cmm	150000 - 450000
MPV	H 11.6	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT	[%]	EXPECTED VALUES	[Abs]	EXPECTED VALUES
Neutrophils (%)	53	%	42.0 - 75.2	4462 /cmm
Lymphocytes (%)	37	%	20 - 45	3108 /cmm
Eosinophils (%)	4	%	1 - 4	336 /cmm
Monocytes (%)	6	%	2 - 8	504 /cmm
Basophils (%)	0	%	0 - 1	0 /cmm

PERIPHERAL SMEAR STUDY

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	No premature cells are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.

Page 1 of 3


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





ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name	: Mr. Surendra Yadav 29199534	Reg. No	: 410102499
Age/Sex	: 53 Years / Male	Reg. Date	: 21-Oct-2024 07:26 PM
Ref. By	:	Collected On	: 21-Oct-2024 07:49 PM
Client Name	:	Printed On	: 28-Oct-2024 11:00 AM
Employee ID	: 55000890	Department	: Jr Mnger

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

Random Blood Sugar (RBS)
Glucose Oxidase-Peroxidase

118

mg/dL

70 - 140

Creatinine
ENZYMATIC

0.90

mg/dL

0.8 - 1.5

Uric Acid
Uricase Colorimetry

5.75

mg/dL

3.5 - 8.5

UREA
Urease end point reaction

18.00

mg/dL

16.0 - 43.0

LIVER FUNCTION TEST

SGOT
Multipoint-Rate/Uv With P-5-P

17.22

U/L

17 - 59

SGPT
Multipoint-Rate/Uv With P-5-P

9.77

U/L

0 - 50

Total Bilirubin
Colorimetric method

0.3

mg/dL

0.1 - 1.4

Conjugated Bilirubin
Sulph acid dpt/cell-henz

0.2

mg/dL

0.0 - 0.3

Unconjugated Bilirubin
Sulph acid dpt/cell-henz

0.1

mg/dL

0.0 - 1.1

Alkaline Phosphatase
P-nitrophenyl phosphatase AMP Buffer, Multipoint-rate

111.0

U/L

38 - 126

GGT
G-glutamyl-p-nitroanilide

23.82

U/L

15 - 73

This is an Electronically Authenticated Report.

Page 2 of 3


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





ATHHARV™ TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name : Mr. Surendra Yadav 29198534
Age/Sex : 53 Years / Male
Ref. By :
Client Name :
Employee ID : 55000880

Reg. No : 410102499
Reg. Date : 21-Oct-2024 07:28 PM
Collected On : 21-Oct-2024 07:49 PM
Printed On : 28-Oct-2024 11:00 AM
Department : Jr Mnger

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

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	30 cc
Colour	Yellow
Clarity	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	5.5	4.6 - 8.0
Sp. Gravity	1.010	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

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

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

This is an Electronically Authenticated Report.

Page 3 of 3


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



Medical Examination Report | AARTI INDUSTRIES LTD Oct -2024

Employee Code : 55002948 **Age** : 39 **Gender** : Male
Employee Name : Pratik Patel
Department : Organic Operations
Division : Organic
Patient Code : 29198413 **Date** : 25 Oct 2024



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 : -

Color Vision : -

Without Spects	Right	Left	With Spects	Right	Left
Near	-	-	Near	-	-
Dist.	-	-	Dist.	-	-

Height : 168.000 cm **Weight** : 60.000 kg **BMI** : 21.260
Pulse : 84 /min **BP** : 126/86 mmHg **SPO2** : 99

Romberg's Test : ☒ Negative ☐ Positive **Trismus 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 13.8 g/dl **WBC count** 4790 /cumm **Platelet count** 2.36 Lacs/cumm
RBS 89 mg/dl **Serum Creatinine** 1.19 mg/dl **Blood Urea** 22.89 mg/dl
SGPT 16.11 IU/L **SGOT** 23.59 IU/L **Total Bilirubin** 0.7 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



AVEXA HEALTHCARE

3rd floor, shraddha complex, above urmil hospital, near st bus depot, silvassa

Patient: PRATIK PATEL

Age : 39 Years

Gender : Male

Refd. By:

Height : 168 Cms

Smoker : No

Pred.Eqns: RECORDERS

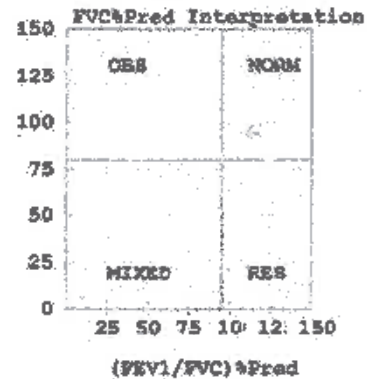
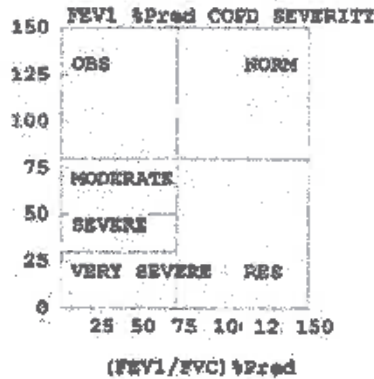
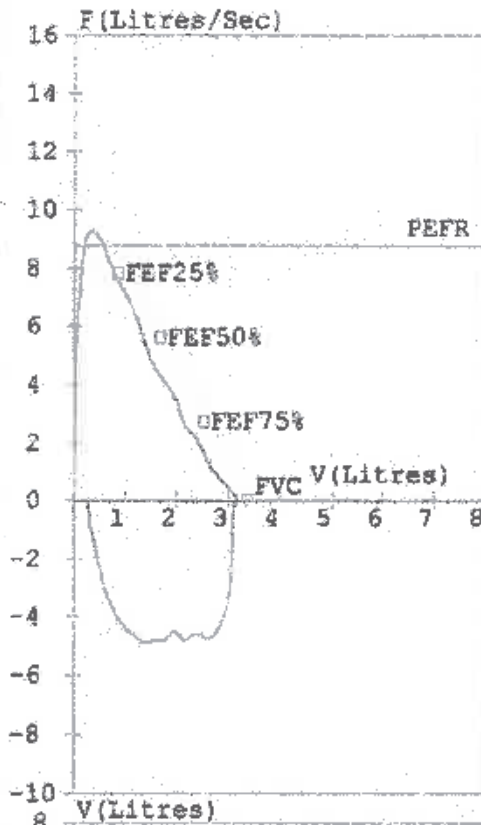
Weight : 60 Kgs

Eth. Corr: 100

Date : 25-Oct-2024 02:43 PM

ID: 55002948

Temp :



Spirometry (FVC Results)

Parameter		Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC	(L)	03.36	03.15	094	---
FEV1	(L)	02.77	02.93	106	---
FEV1/FVC	(%)	82.44	93.02	113	---
FEF25-75	(L/s)	03.95	04.19	106	---
PEFR	(L/s)	08.74	09.21	105	---
FIVC	(L)	---	02.89	---	---
FEV.5	(L)	---	02.43	---	---
FEV3	(L)	03.26	03.15	097	---
PIFR	(L/s)	---	04.85	---	---
FEF75-85	(L/s)	---	01.53	---	---
FEF 2-1.2	(L/s)	06.86	07.83	114	---
FEF 25%	(L/s)	07.83	07.73	099	---
FEF 50%	(L/s)	05.60	04.57	082	---
FEF 75%	(L/s)	02.73	02.19	080	---
FEV.5/FVC	(%)	---	77.14	---	---
FEV3/FVC	(%)	97.02	100.00	103	---
PET	(Sec)	---	01.67	---	---
ExptTime	(Sec)	---	00.04	---	---
Lung Age (Yrs)		039	037	095	---
FEV6	(L)	03.36	---	---	---
PIF25%	(L/s)	---	04.67	---	---
PIF50%	(L/s)	---	04.48	---	---
PIF75%	(L/s)	---	04.70	---	---

Pre Test COPD Severity

Test within normal limits

Dr. SAMKIT J. SHAH
(M.D., D.M.R.E., C.I.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.



ATHHARV™ TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name : Mr. Pratik Patel 29198413
Age/Sex : 39 Years / Male
Ref. By :
Client Name :
Employee ID : 55002948

Reg. No : 410103938
Reg. Date : 25-Oct-2024 07:40 PM
Collected On : 25-Oct-2024 07:48 PM
Printed On : 30-Oct-2024 10:36 AM
Department : Add Mnger

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

COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	13.8	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	50.80	%	47 - 52
RBC Count (Electrical Impedance)	H 6.62	million/cmm	4.7 - 6.0
MCV (Calculated)	L 76.7	fL	78 - 110
MCH (Calculated)	L 20.8	Pg	27 - 31
MCHC (Calculated)	L 27.2	%	30 - 35
RDW (Calculated)	H 15.8	%	11.5 - 14.0
WBC Count (Flowcytometry)	4790	/cmm	4000 - 10500
Platelet Count	236000	/cmm	150000 - 450000
MPV	---	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT		[%]	EXPECTED VALUES	[Abs]	EXPECTED VALUES
Neutrophils (%)	62	%	42.0 - 76.2	2970	/cmm
Lymphocytes (%)	31	%	20 - 45	1485	/cmm
Eosinophils (%)	2	%	1 - 4	96	/cmm
Monocytes (%)	5	%	2 - 8	240	/cmm
Basophils (%)	0	%	0 - 1	0	/cmm

PERIPHERAL SMEAR STUDY

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	No premature cells are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.

Page 1 of 4


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





ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name	: Mr. Pratik Patel 29198413	Reg. No	: 410103938
Age/Sex	: 39 Years / Male	Reg. Date	: 25-Oct-2024 07:40 PM
Ref. By	:	Collected On	: 25-Oct-2024 07:48 PM
Client Name	:	Printed On	: 30-Oct-2024 10:36 AM
Employee ID	: 55002948	Department	: Add Mnger

Parameter	Result	Unit	Biological Ref. Interval
Random Blood Sugar (RBS) <i>Glucose Oxidase-Peroxidase</i>	89	mg/dL	70 - 140
Creatinine <i>ENZYMATIC</i>	1.19	mg/dL	0.8 - 1.5
Uric Acid <i>Uricase Colorimetry</i>	4.02	mg/dL	3.5 - 8.5
UREA <i>Urease end point reaction</i>	22.89	mg/dL	16.0 - 43.0

LIVER FUNCTION TEST

SGOT <i>Multi-point-Rate/U/L with P-5-P</i>	23.59	U/L	17 - 59
SGPT <i>Multi-point-Rate/U/L with P-5-P</i>	16.11	U/L	0 - 50
Total Bilirubin <i>Colorimetric method</i>	0.7	mg/dL	0.1 - 1.4
Conjugated Bilirubin <i>Sulph acid diazo/alt-benz</i>	0.2	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid diazo/alt-benz</i>	0.5	mg/dL	0.0 - 1.1
Alkaline Phosphatase <i>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</i>	54.5	U/L	38 - 126
GGT <i>G-gutamyl-p-nitro anilide</i>	17.34	U/L	15 - 73

This is an Electronically Authenticated Report.

Page 2 of 4


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





ATHHARV™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name	: Mr. Pratik Patel 29198413	Reg. No	: 410103938
Age/Sex	: 39 Years / Male	Reg. Date	: 25-Oct-2024 07:40 PM
Ref. By	:	Collected On	: 25-Oct-2024 07:48 PM
Client Name	:	Printed On	: 25-Nov-2024 01:50 PM
Employee ID	: 55002948	Department	: Add Mnger

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

*** PHENOL LEVEL - URINE**

UV - VIS Spectrophotometer

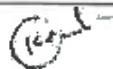
33.97

mg Phenol/gm
Creatinine

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

This is an Electronically Authenticated Report.

Page 3 of 4


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

+91 98258 20138
drtejforensic@yahoo.com

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





ATHHARY™
TOXSCREEN

Industrial Health & Toxic Chemicals Testing



TEST REPORT

Name	: Mr. Pratik Patel 29198413	Reg. No	: 410103938
Age/Sex	: 39 Years / Male	Reg. Date	: 25-Oct-2024 07:40 PM
Ref. By	:	Collected On	: 25-Oct-2024 07:48 PM
Client Name	:	Printed On	: 30-Oct-2024 10:36 AM
Employee ID	: 55002948	Department	: Add Mnger

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

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity	30 cc
Colour	Pale Yellow
Clarity	Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	5.0	4.6 - 8.0
Sp. Gravity	1.005	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	2 - 3/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

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

This is an Electronically Authenticated Report.

Page 4 of 4


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



Annexure - 16

Compliance Status of the EMP Recommendations

Sl. 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 scrubbers in all process stacks. The unit has adopted good engineering practices like having timely Preventive Maintenance schedules to ensure sufficient reduction in flue gas pollutants.
3.2	Measures for Process Emission control	The unit has installed two stage scrubbing systems for all the process gas stacks for MCB plant, NCB plant, Hcl storage tank, GLV NCB plant, SAC plant, BN plant and DNCB plant.

3.3.	Measures to Fugitive Emission Control	Various measures have been taken for Fugitive emission control like ● Use of closed loop handling system ● Provision of breather valve cum flame arrestor on chemical storage tanks wherever required ● Provision of exhaust ventilation ● Routine & periodic inspection to check leakages and spillages ● Preventive maintenance plan and SMP for maintenance ● Pumps & motors mechanical seal type ● LDAR program is followed. ● Unloading through pipeline to tank in a closed system.
4.0	Management of wastewater	The unit has an Effluent Treatment Plant, Multiple Effect Evaporator and Reverse Osmosis Plant The condensate of MEE and permeate from the RO is being reused with GIDC fresh water. ● The fresh water used is only from the GIDC supply. ● Ground water recharge of the rain water is not allowed in the GIDC area. So the unit is to carry out roof top rain water harvesting. ● The unit has installed a Sewage treatment plant. The treated sewage is used for gardening and flushing 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 PPEs (Ear muffs) ● The unit has developed Green belt on the periphery to reduce noise abatement ● Regular noise level monitoring of different places within and outside premises is being done.

6.0	Management of solvent recovery	• Unit is not engaged in handling any solvents. Benzene is primary raw material only. • Chilled brine circulation system has been provided to condensate solvent vapors, so as to reduce solvent losses. • Reactor handling pump has been provided with mechanical seals for leakage prevention. • The condenser has been provided with sufficient residence time • Earthing has been provided for all the electrical equipment wherever solvent handling is applicable.
7.0	Management of Hazardous Waste	• The paper, plastic, and insulation waste is being handed over to the authorized TSDF site for further handling and disposal. • Hazardous waste is being stored in a proper storage room with a proper roof and impervious flooring. It is disposed of to authorized TSDF or CHWIF for final disposal. • Hazardous waste is being stored separately in dry & covered places with RCC platforms. • 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. • Condensate recovery is being carried out. • Proper temperature controls have been provided to reduce load on heating systems. • Recycling of water is being 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 to monitor the water usage. As more data is generated about water use, control measures can be initiated.

Annexure - 17

FIRE EQUIPMENT LIST

Sr. No.	Fire Fighting System Provision	Quantity
1	Water Reservoir (Capacity)	2250 KL
2	Power Driven Pump (Jockey Pump)	02 Nos
	Make	Crompton Greaves
	Head	91 Mtr
	Capacity	65 M3/hr
	R.P.M.	2900
	Water Pressure	7.5 kg/cm2
2	Motor (H.P.)	40 HP
3	Power Driven Pump : (Main Pump)	01 Nos
	Make	Crompton Greaves
	Head	88 Mtr
	Capacity	410 M3/hr
	R.P.M.	1485
	Water Pressure	7.5 kg/cm2
3	Motor (H.P.)	215
4	Diesel Fire Engine	01 Nos
	Make	Kirlosker
	Head	88 Mtr
	Capacity	410 M3/hr
	R.P.M.	1800
	Water Pressure	7.5 kg/cm2
4	Pump Input	170.1 KW
5	Pipeline size	6" & 4"
6	Nos. of Hydrant Post	103 Nos
7	Fix Monitors (Foam)	12 Nos

8	Fix Monitors (Water)	05 Nos
9	Fire Hose Reel	49 Nos
10	Mobile Foam Trolley	01 Nos
11	Central Fire Station	08 Nos
12	Fire Hose Pipes	128 (121 + 7)
13	Jet Nozzle	08 Nos
14	Foam Nozzle	07 Nos
15	TP Branch	17 Nos (10 + 07)
16	Mayura Nozzle	8 Nos
17	Fog Nozzle	04 (02 + 02)
18	Revolving Branch	01 Nos
19	Fire Blanket	12 Nos
20	DCP Stock	250 Kg
21	Mechanical Foam Available	2900 liter
22	Fire Bucket	240 Nos (60x4)
23	Safety Shower	68 Nos
24	SCBA Set	27 Nos
25	Wind Indicator	11 Nos
26	Fire Extinguisher	Total - 507 Nos
	CO2 - 2 kg	53
	CO2 - 4.5 kg	166
	CO2 - 9 kg	3
	CO2 - 22.5 kg	13
	DCP - 6 kg	210
	DCP - 9 kg	44
	Mechanical Foam - 9 liter	3
	Mechanical Foam - 50 liter	15
27	PPEs Box	16 Nos
28	CL2 Kit	06 Nos
29	Personal Monitoring Equipment	20 Nos

30	Emergency Vehicle	01 Nos
31	Trailer Pump	01 Nos
32	Fire Tender	01 Nos

Central Pollution Control Board

50 **Central**

Dashboard / Industry Dashboard / Aarti Industries Limited (Organic Division)

Aarti Industries Limited (Organic Division) 2014-2015

Prod. no. 301.80123 **Phase III** **GDC Velp** **Vapi Gujarat PIN** **2006190**

Dye **Dye**

© Data Last Received On 2025-06-16 18:47

(Last # Days)

Live Readings	Difficult	Not
CEMS	0	1
Total Stations	0	1

2.4 mg/L - on
Limit - 50.0 mg/L Diagnostic Status
Range: - mg/L
Last Received: 7 minutes ago



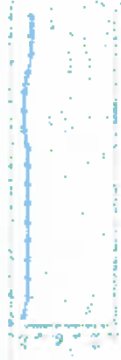
10.3 mg/L - COD
Limit: ~ 1000.0 mg/L
Range: ~ mg/L
Last Received: 7 minutes ago



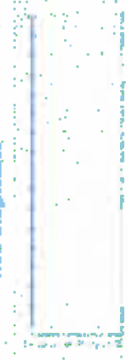
5.7 m³/hr - Flow
Outlet
Limit: ~ 50 m³/hr
Range: ~ 10 m³/hr
Last Received: 7 minutes ago



2.3 mg/L - BOD
Limit: - 400.0 mg/L Diagnostic Status
Range: - 1 mg/L
Last Refreshed: 7 minutes ago



6.9 pH - pH
Limit: 6.0 - 6.5 pH Descriptive Status
Range: - pH
Last Refreshed: 7 minutes ago



Aarti Industries Limited (Organic Division)

ETP_Outlet

Vapi

Gujarat

DYE AND DYE INT

Data Refreshed at: 2020-05-18T16:13:00Z

Monitoring Stations: 1

Total Parameters Monitored: 4

Search by Parameter

ETP_Outlet - NH

Standard - mg/l

ETP_Outlet - COD

Standard - mg/l

ETP_Outlet - pH

Standard - pH

2.4

mg/l

Standard: mg/l

(15 minutes Average)

Quick Range

Daily

Weekly

Monthly

0

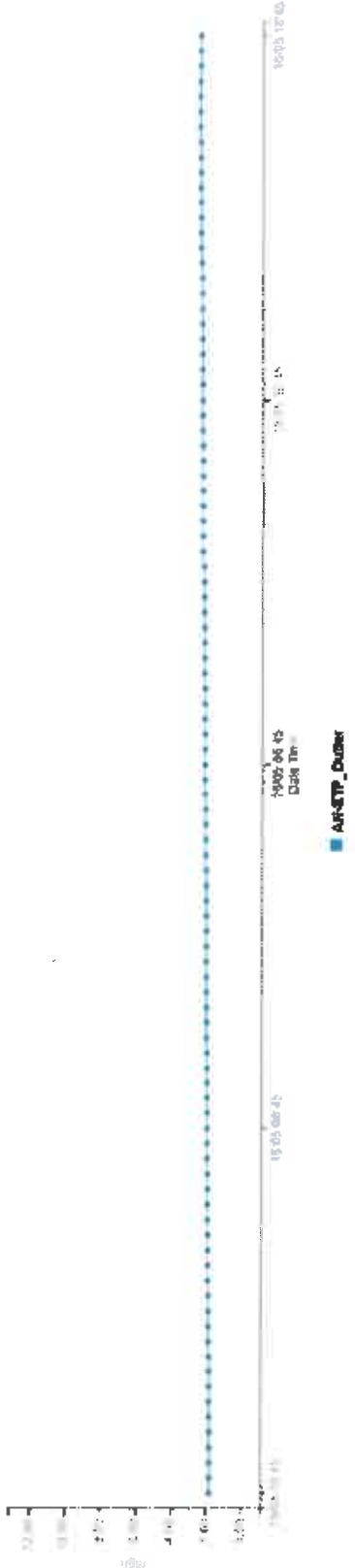
Total Exceedances

100

Data Availability(%)

15 minutes

1 Day



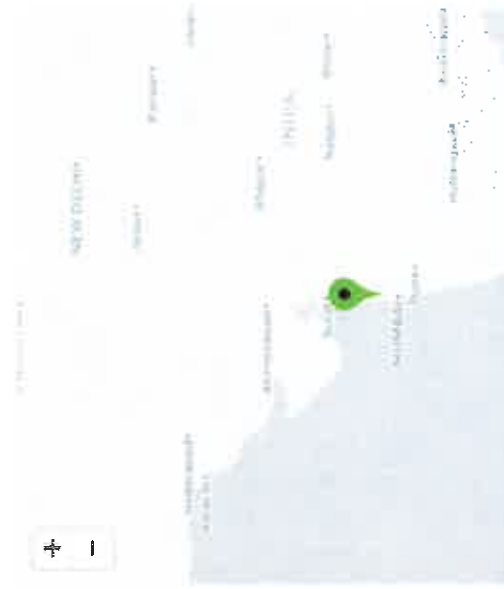
DASHBOARD

Company Name : Aarti Industries Limited (Organic Division) Category : Dye and Dye Intermediate
Location : Plot no. 807/801/23, Phase III, GIDC Vapi, Ganga Basin SNO
Latitude : 20.363568 Longitude : 72.948118
Person Name : Abhishek Saxena, Rushabh Aghera, Mahend Patel, Anurag Gupta, S G Pathan Contact No :
9727765047, 6357296505, 6348940174, 9104910049, 9727782113
Email Id : envsorganic@aarti-industries.com, anurag.gupta@aarti-industries.com, sg.pathan@aarti-industries.com, dk.pandit@aarti-industries.com, rushabh.ghera@aarti-industries.com

CARTINA

EQMS

EQMS



EPP-3_Aarti Industries_Organic

Recent Date	Parameter	Unit	Value	Low	High	Status
16-05-2025 18:55	Flow	m ³ /hr	5.70	-	-	Normal
16-05-2025 18:55	pH	pH	6.90	6.5	8.5	Normal
16-05-2025 18:55	AN	mg/l	235	0	54	Normal
16-05-2025 18:55	COD	mg/l	1930	0	900	Normal
16-05-2025 18:55	BOD	mg/l	230	-	-	Normal