



**AARTI
INDUSTRIES
LIMITED**

Ref. No.: AARTI/VAPI/ENV/AOD/2025-2026/011

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 period Oct 24 - March 25.

Ref. : EC No. J-11011/47/2015-LA II (I) dated : October 28th, 2016.

Respected Sir,

With reference to the above subject we are submitting the Compliance Report (monitoring period Oct 24 - March 25) as per condition (xv) of the general conditions as mentioned in environmental clearance letter no. J-11011/47/2015-LA II (I) dated October 28th, 2016 for our project 'Expansion of Dye intermediate and Pesticides unit by M/s. Aarti Industries Limited (Alchemie Organics Division) in GIDC industrial estate, Vapi in Gujarat'. The compliance report is supported with the required attachments.

Thank you.

Yours Faithfully,
For Aarti Industries Limited (Alchemie Organics Division)

Authorized Signatory

COPY TO

- | | |
|---|--|
| 1) Email to CPCB Vadodara, | 2) Email to SEIAA Gujarat, |
| 3) The Member Secretary,
GPCB, Paryavaran Bhavan,
Sector - 10 / A,
Gandhinagar - 382043. | 4) Uploaded in Parivesh, MoEF&CC Portal. |

**M/s. Aarti Industries Ltd. (Alchemie Organics Division),
Plot no.903, 923, Phase-III, GIDC Estate, Vapi. Gujrat.
Compliance report of Environmental Clearance File No. J-11011/47/2015-IA II (I)**

Dated 28/10/2016,

October 2024 to March 2025

Sr. no.	Condition	Compliance status																																																																												
2.0	<p>The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that the proposal is for the expansion of pesticide (from 5955 MTPA to 17338.17 MTPA) at plot no. 903,923, GIDC Estate, Vapi, Gujarat by M/s Aarti Industries Ltd. (Alchemie Organic Division). The total plot area is 11,970 m² of which the greenbelt area will be developed at 2346 m². Total cost of the expansion project is 1,515 Lacs. No National parks, wildlife sanctuaries, biosphere reserves, heritage sites, tanks, reserve forests etc. are located within 10 km distance. It is reported that the river Daman Ganga is flowing near the project site.</p> <p>The following products will be manufactured:</p> <table><tr><th>Sr. No.</th><th>Name of Products</th><th>Proposed production Capacity (MT/Year)</th></tr><tr><td>1.</td><td>Hydrogenation</td><td></td></tr><tr><td>1.1</td><td>DCBH (Di chloro Benzene hydroChloride)</td><td rowspan="5">7800</td></tr><tr><td>1.2</td><td>1,3 D.F.B (Di fluoro benzene)</td></tr><tr><td>1.3</td><td>3,5/2,6 DFA (Di fluoro Aniline)</td></tr><tr><td>1.4</td><td>OT Base</td></tr><tr><td>1.5</td><td>DiAnisidine</td></tr><tr><td>1.6</td><td>Ortho Toluene</td><td>87</td></tr><tr><td>1.7</td><td>Ortho Anisidine</td><td>87</td></tr><tr><td>1.8</td><td>Ortho Chloro Aniline</td><td>975</td></tr><tr><td>2</td><td>Diazotization</td><td></td></tr><tr><td>2.1</td><td>2,3/2,5 DCP (Di Chloro Phenol)</td><td rowspan="4">2400</td></tr><tr><td>2.2</td><td>3,5 DiChloro Nitro Benzene</td></tr><tr><td>2.3</td><td>1,3,5 TCB</td></tr><tr><td>2.4</td><td>Para Fluoro Phenol (PFP)</td></tr><tr><td>3</td><td>Bromination</td><td></td></tr><tr><td>3.1</td><td>3,4,5 Tri Fluoro Bromo Benzene</td><td rowspan="2">1000</td></tr><tr><td>3.2</td><td>2 Bromo 4 Fluoroacetanilide</td></tr></table>	Sr. No.	Name of Products	Proposed production Capacity (MT/Year)	1.	Hydrogenation		1.1	DCBH (Di chloro Benzene hydroChloride)	7800	1.2	1,3 D.F.B (Di fluoro benzene)	1.3	3,5/2,6 DFA (Di fluoro Aniline)	1.4	OT Base	1.5	DiAnisidine	1.6	Ortho Toluene	87	1.7	Ortho Anisidine	87	1.8	Ortho Chloro Aniline	975	2	Diazotization		2.1	2,3/2,5 DCP (Di Chloro Phenol)	2400	2.2	3,5 DiChloro Nitro Benzene	2.3	1,3,5 TCB	2.4	Para Fluoro Phenol (PFP)	3	Bromination		3.1	3,4,5 Tri Fluoro Bromo Benzene	1000	3.2	2 Bromo 4 Fluoroacetanilide	<p>Noted and Complied.</p> <p>The division has valid consent, CCA AWH—123323, which is valid until 30.09.2029. The unit has obtained CCA for said EC. Production details for October 2024 to March 2025 are attached as ANNEXURE-1.</p> <p>As the unit is located in the GIDC-notified area, there are no National parks, wildlife sanctuaries, biosphere reserves, heritage sites, tanks, reserve forests, etc. located within a 10 km distance from the site.</p> <p>Total production for the period October 2024 to March 2025 is as below.</p> <table><tr><th>Sr. No.</th><th>Name of Products</th><th>Production for the periodOctober 2024 to March 2025 in MT</th><th>Limit as per EC for 6 months in MT</th></tr><tr><td>1</td><td>DCBH</td><td>1769.65</td><td rowspan="2">3900MT</td></tr><tr><td>2</td><td>1,3 D.F.B</td><td>141.10</td></tr><tr><td>3</td><td>Ortho Chloro Aniline</td><td>177.17</td><td>487.5MT</td></tr><tr><td>4</td><td>2,3/ 2,5 DCP</td><td>76.00</td><td rowspan="2">1200 MT</td></tr><tr><td>5</td><td>3,5 DiChloro Nitro Benzene</td><td>552.95</td></tr><tr><td>6</td><td>2,6 DCPNA</td><td>565.20</td><td>2000 MT</td></tr><tr><td>-</td><td>Total</td><td>3282.077 MT</td><td>7587.5 MT</td></tr></table> <p>All values in MT Production is well within the Permissible limit.</p>	Sr. No.	Name of Products	Production for the periodOctober 2024 to March 2025 in MT	Limit as per EC for 6 months in MT	1	DCBH	1769.65	3900MT	2	1,3 D.F.B	141.10	3	Ortho Chloro Aniline	177.17	487.5MT	4	2,3/ 2,5 DCP	76.00	1200 MT	5	3,5 DiChloro Nitro Benzene	552.95	6	2,6 DCPNA	565.20	2000 MT	-	Total	3282.077 MT	7587.5 MT
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Compliance report of Environmental Clearance File No. J-11011/47/2015-IA II (I)**

Dated 28/10/2016,

October 2024 to March 2025

	<table><tr><td>3.3</td><td>Di Chloro Bromo Benzene</td><td></td></tr><tr><td>3.4</td><td>Acetic Acid</td><td>29.17</td></tr><tr><td>4</td><td colspan="2">Condensation</td></tr><tr><td>4.1</td><td>Quinalphos (TECH) (Diethyl 2-Hydroxy Thiophosphoryl Chloride)</td><td>600</td></tr><tr><td>5</td><td>Para Fluoro Anisole</td><td>200</td></tr><tr><td>6</td><td colspan="2">Hydrolysis</td></tr><tr><td>6.1</td><td>4 CAP</td><td rowspan="3">200</td></tr><tr><td>6.2</td><td>2 CAP</td></tr><tr><td>6.3</td><td>2,3,4 TFA</td></tr><tr><td>7</td><td colspan="2">Chlorination</td></tr><tr><td>7.1</td><td>2,6 DCPNA</td><td rowspan="2">4000</td></tr><tr><td>7.2</td><td>2,4,6 TCA</td></tr><tr><td></td><td>Total</td><td>17378.17</td></tr></table>	3.3	Di Chloro Bromo Benzene		3.4	Acetic Acid	29.17	4	Condensation		4.1	Quinalphos (TECH) (Diethyl 2-Hydroxy Thiophosphoryl Chloride)	600	5	Para Fluoro Anisole	200	6	Hydrolysis		6.1	4 CAP	200	6.2	2 CAP	6.3	2,3,4 TFA	7	Chlorination		7.1	2,6 DCPNA	4000	7.2	2,4,6 TCA		Total	17378.17	
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3.0	<p>The unit has proposed one additional D.G. set (1 x 750 KVA). Water scrubber followed by an Alkali scrubber will be provided to control process emission viz. Br₂, HBr, Cl₂ and HCl. Water scrubber will be provided to the SFD dryer to control particulate matter. Total water requirement will be increased from 404 m³/day to 867 m³/day after expansion. Out which fresh water requirement from GIDC water supply will be 599 m³/day and the remaining water requirement (268 m³/day) will be met from treated effluent/ recycled water. Total wastewater generation will be 302 KL/Day after expansion. This wastewater includes waste water coming out from the process (70 KL/Day), washing (30 KL/Day), DM plant regeneration (5 KL/Day), Cooling Tower blowdown (70 KL/Day) and sewage (60 KL/Day). This unit has proposed for zero liquid discharge for industrial effluent. To achieve zero liquid discharge, R.O. reject of 50 KL/Day from R.O. system 1 and R.O. reject of 22 KL/Day from R.O. system - 2 will be subjected to MEE R.O. permeate of 117 KL/Day from R.O. system 1, R.O. permeate of 53 KL/Day from R.O. system -2 and MEE condensate of 68 KL/Day will be reused. Residue from MEE of 4 KL/Day will be sent to the landfill site. Sewage of 60 KL/Day will be treated in sewage treatment plants and treated water will be used for gardening purposes and in cooling towers.</p>	<p>Complied.</p> <p>DG sets have been provided with a stack of height 11 m. Acoustic enclosure has been provided for the DG set</p> <p>Water scrubber followed by an Alkali scrubber has been provided to control process emission viz. HCl in chlorinator and Diazo reaction vessels.</p> <p>The unit is currently not manufacturing products which use /release Br₂ and HBr as fugitives..</p> <p>Water scrubber has been provided to the SFD dryer to control particulate matter. Stack analysis is conducted on a monthly basis by MoEFCC / NABL-approved laboratory ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat)</p> <p>All the parameters are well within limits. Details are provided in the table below. Analysis reports of the process stack have been attached as Annexure 2.</p>																																				

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Plot no.903, 923, Phase-III, GIDC Estate, Vapi. Gujrat.
Compliance report of Environmental Clearance File No. J-11011/47/2015-IA II (I)**

Dated 28/10/2016,

October 2024 to March 2025

		CCA AWH-123323 Valid up to 30.09.2029. & CCA amendment (AH-136389) Dated 09.05.2024. valid upto 30.09.2029
4.0	Public hearing/ Public Consultation was exempted as per section 7 (I), (iii) stage (3), Para (I)(b) of EIA Notification, 2006.	Noted.
5.0	All technical grade pesticides and pesticide specific intermediates are listed at S.N. 5 (b) under category 'A' and appraised at central level.	Noted. The Unit has not produced any pesticide during this period.
6.0	The proposal was considered by the Expert Appraisal Committee (Industry - 2) in its 6 th meeting held during 30 th March to 2 nd April , 2016 and 9 th Meeting held during 27 th - 29 th June, 2016 respectively. Project proponent and the EIA Consultant namely M/s Jyoti Om Chemical Research Centre Pvt. Ltd.High Court Stay, have presented EIA/EMP report as per ToR. EAC has found the EIA/EMP report and additional information to be satisfactory and in full consonance with the presented TORS. The committee recommended the proposal for environmental clearance.	Noted.
7.0	Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA notification dated 14 th September 2006, subject to the compliance of the following Specific and General Conditions.	Noted. The unit strictly adheres to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority for existing CCA AWH-123323, Valid up to 30.09.2029. & CCA amendment (AH- 136389) Dated 09.05.2024. valid upto 30.09.2029
A	Specific Condition	
i	National Emission Standards for pesticide manufacturing and formulation industry issued by the ministry vide G.S.R. 46(E) dated 3 rd February 2006 and amended from time to time shall be followed by the unit.	Complied. The Unit has not produced any pesticide during this period. However, the unit is following the National Emission Standard and conducting monitoring.
ii	As proposed no boiler will be installed as steam is procured from a nearby unit.	Complied. Boiler has not been installed as steam is procured from neighboring unit M/s Aarti Industries Limited (Acid Division) (XGN ID 22987) : Plot no. 802, 803, 804/3, Phase III, GIDC, Vapi.
iii	Scrubbers will be provided to control process emission via Br ₂ , HBr, Cl ₂ and HCL. Water scrubber shall be provided to the SFD dryer to control particulate matter. The scrubbed water should be sent to the ETP for further treatment. Efficiency of scrubbers shall be monitored regularly and maintained properly. Scrubber vent shall be provided with the online detection and alarm system to indicate higher than permissible value of controlled parameters. At no time emission level shall go beyond the prescribed standards. The system shall be interlocked with the pollution control equipment so that in case of any increase in pollutants beyond permissible limits, plants shall be automatically stopped.	Complied. As per Complied in point No : 3., a Water scrubber followed by an Alkali scrubber has been provided to control process emission viz. Cl ₂ and HCl in the vent of Diazo reaction vessels. The unit is currently not manufacturing products which use /release Br ₂ , HBr, and Cl ₂ as fugitives. Water scrubber has been provided to the SFD dryer to control particulate matter. Stack analysis is being done on a monthly basis by a third party. Details are provided in the table below. Analysis reports have been attached as Annexure 2 .

**M/s. Aarti Industries Ltd. (Alchemie Organics Division),
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iv	<p>In plant control measures for checking fugitive emissions for all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, Closed handling and conveyance of chemicals/material, multi-cyclone separator and water sprinkling system. Dust suppression systems including water sprinkling systems shall be provided at the loading and unloading area to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. Shall be monitored and maintained. The emissions shall conform to the limits stipulated by GPCB.</p>	<p>Complied.</p> <ul style="list-style-type: none">Fugitive emission control is achieved by adopting the following measures.Plant is operated under DCS.Closed storage, handling, and conveyance of chemicals (RM and FG) is being carried out.Wet scrubber is provided in SFD for control of particulate dust emission. There are no additional dust generating sources in the unit.Monitoring of fugitive emissions is being done regularly and records are maintained. Details of the monitoring data are provided in the table below and are attached as Annexure-3. The monitoring data conforms to the limits stipulated by GPCB. <table><tr><th>Month</th><th>Parameter</th><th>Plant Area</th><th>Parameter</th><th>Store Room</th></tr><tr><td rowspan="4">Oct/24</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 2.9 N.T.</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>3.8</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr><tr><td rowspan="4">Nov/24</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 3.6 N.T.</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>4.4</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr><tr><td rowspan="4">Dec/24</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 3.2 N.T.</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>4.0</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr><tr><td rowspan="4">Jan/25</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 1.9 N.T.</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>3.8</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr><tr><td rowspan="4">Feb/25</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 2.6 N.T</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>3.7</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr><tr><td rowspan="4">Mar/25</td><td>Toluene</td><td>N.T</td><td rowspan="4">Sulphuric Acid Hydrochloric Acid Formaldehyde</td><td rowspan="4">N.T 2.2 N.T.</td></tr><tr><td>Xylene</td><td>N.T</td></tr><tr><td>Acetone</td><td>3.5</td></tr><tr><td>Formaldehyde</td><td>N.T</td></tr></table> <p>Note: N.T :- Not Traceable. All parameters are in µg/m³ All the parameters are well within the prescribed limit</p>	Month	Parameter	Plant Area	Parameter	Store Room	Oct/24	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 2.9 N.T.	Xylene	N.T	Acetone	3.8	Formaldehyde	N.T	Nov/24	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 3.6 N.T.	Xylene	N.T	Acetone	4.4	Formaldehyde	N.T	Dec/24	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 3.2 N.T.	Xylene	N.T	Acetone	4.0	Formaldehyde	N.T	Jan/25	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 1.9 N.T.	Xylene	N.T	Acetone	3.8	Formaldehyde	N.T	Feb/25	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 2.6 N.T	Xylene	N.T	Acetone	3.7	Formaldehyde	N.T	Mar/25	Toluene	N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 2.2 N.T.	Xylene	N.T	Acetone	3.5	Formaldehyde	N.T
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v	<p>A proper leak detection and repair (LDAR) program for the pesticide industry shall be prepared and implemented as per CPCB guidelines. Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance for each unit shall be prepared and adhered to.</p>	<p>Complied.</p> <p>The Unit has not produced any pesticide during this period.</p> <p>However, the LDAR program for the industry has been prepared and implemented.</p> <p>A detailed and exhaustive preventive maintenance schedule has been prepared and implemented for all the electromechanical items.</p>																																																																							

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		06 Numbers of VOC detectors have been installed at Process /Storage area..																																																																					
vi	Continuous monitoring systems for chlorine, Br ₂ , HCL and HBr shall be installed at all important places/areas. All necessary steps should be taken for monitoring of VOCs in the plant. Effective measures shall be taken immediately, when monitoring results indicate above the permissible limits.	<p>Complied.</p> <p>Measures are in place for control of VOC and fugitive emissions. Regular monitoring of VOC / fugitive emissions is carried out by the MoEF&CC approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). Analysis reports are attached as Annexure-3</p> <p>Product related Chlorination & bromination are not manufactured in this period. The unit is currently not manufacturing such products which use /release Br₂, HBr as fugitive</p> <p>06 Numbers of VOC detectors have been installed at the Process /Storage area..</p> <p>Details of the monitoring data are provided in the table of Specific Condition no. IV of EC.</p> <p>.</p>																																																																					
vii	The gaseous emissions from DG Set shall be dispersed to adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to DG sets to mitigate the noise pollution.	<p>Complied.</p> <p>DG sets have been provided with a stack of height 11 m. Acoustic enclosure has been provided for the DG set. Gaseous emissions from DG’s are sampled and analyzed on a monthly basis by a MOEFCC/NABL approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). Details are provided in the table below. Analysis reports have been attached as Annexure 4.</p> <table><tr><th colspan="5">DG sets</th></tr><tr><th>Month</th><th>DG Set</th><th>PM in mg/Nm³</th><th>SOx in ppm</th><th>NOx in ppm</th></tr><tr><td colspan="2">GPCB Limit</td><td>150</td><td>100</td><td>50</td></tr><tr><td rowspan="2">Oct/24</td><td>DG set 750 KVA - I</td><td>86.4</td><td>28.3</td><td>32.6</td></tr><tr><td>DG set 750 KVA - II</td><td>62.4</td><td>25.1</td><td>30.7</td></tr><tr><td rowspan="2">Nov/24</td><td>DG set 750 KVA - I</td><td>76.3</td><td>34.3</td><td>29.6</td></tr><tr><td>DG set 750 KVA - II</td><td>59.7</td><td>30.8</td><td>23.9</td></tr><tr><td rowspan="2">Dec/24</td><td>DG set 750 KVA - I</td><td>80.1</td><td>30.45</td><td>35.6</td></tr><tr><td>DG set 750 KVA - II</td><td>64.3</td><td>26.3</td><td>32.6</td></tr><tr><td rowspan="2">Jan/25</td><td>DG set 750 KVA - I</td><td>70.7</td><td>32.4</td><td>25.1</td></tr><tr><td>DG set 750 KVA - II</td><td>65.4</td><td>28.9</td><td>22.5</td></tr><tr><td rowspan="2">Feb/25</td><td>DG set 750 KVA - I</td><td>78.3</td><td>29</td><td>34.1</td></tr><tr><td>DG set 750 KVA - II</td><td>60.4</td><td>24.5</td><td>28.9</td></tr><tr><td rowspan="2">Mar/25</td><td>DG set 750 KVA - I</td><td>69.3</td><td>33.5</td><td>30.1</td></tr><tr><td>DG set 750 KVA - II</td><td>73.6</td><td>27.5</td><td>24.4</td></tr></table>	DG sets					Month	DG Set	PM in mg/Nm³	SOx in ppm	NOx in ppm	GPCB Limit		150	100	50	Oct/24	DG set 750 KVA - I	86.4	28.3	32.6	DG set 750 KVA - II	62.4	25.1	30.7	Nov/24	DG set 750 KVA - I	76.3	34.3	29.6	DG set 750 KVA - II	59.7	30.8	23.9	Dec/24	DG set 750 KVA - I	80.1	30.45	35.6	DG set 750 KVA - II	64.3	26.3	32.6	Jan/25	DG set 750 KVA - I	70.7	32.4	25.1	DG set 750 KVA - II	65.4	28.9	22.5	Feb/25	DG set 750 KVA - I	78.3	29	34.1	DG set 750 KVA - II	60.4	24.5	28.9	Mar/25	DG set 750 KVA - I	69.3	33.5	30.1	DG set 750 KVA - II	73.6	27.5	24.4
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		All the parameters are well within the prescribed limit																		
vii	<p>Solvent management shall be carried out as follows:</p> <p>i) Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.</p> <p>ii)Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>iii)The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95 % recovery.</p> <p>iv)Solvents shall be stored in a separate space specified with all safety measures.</p> <p>v)Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>vi)Entire plant shall be flame proof. The solvent Storage tanks shall be provided with a breather valve to prevent losses.</p>	<p>Complied.</p> <p>i) Chilled brine circulation system has been provided to condense solvent vapors and reduce solvent losses. Hence our solvent recovery is more than 95%.</p> <p>ii) Solvent pumping is carried out with pumps having mechanical seals / double mechanical seals.</p> <p>iii) Condensers have sufficient heat transfer area and residence time for achieving 95% solvent recovery.</p> <p>iv) Provided. Solvents are being stored in a separate space specified with all safety measures Like Breather Valve, Overflow protection, Use flameproof material, pumps, and Earthing for equipment.</p> <p>v) We have used flameproof material in plants and also provided breather valves as required.</p>																		
ix	<p>Total fresh water requirement from GIDC water supply shall not exceed 599 m³/day and prior permission shall be obtained from the competent authority.</p>	<p>Complied.</p> <p>Freshwater requirement quantity has not exceeded the prescribed limit. Fresh water consumption data are given as below:</p> <table><tr><th>Month</th><th>Avg fresh water Consumption (m3/D)</th></tr><tr><td>Oct/24</td><td>208.65</td></tr><tr><td>Nov/24</td><td>215.57</td></tr><tr><td>Dec/24</td><td>238.61</td></tr><tr><td>Jan/25</td><td>258.32</td></tr><tr><td>Feb/25</td><td>239.61</td></tr><tr><td>Mar/25</td><td>249.65</td></tr><tr><td>Average</td><td>230.04</td></tr><tr><td>Limit as per EC</td><td>599</td></tr></table>	Month	Avg fresh water Consumption (m3/D)	Oct/24	208.65	Nov/24	215.57	Dec/24	238.61	Jan/25	258.32	Feb/25	239.61	Mar/25	249.65	Average	230.04	Limit as per EC	599
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x	<p>Industrial effluent generation shall not exceed 302 m³/day. Effluent shall be segregated into high COD/TDS and Low COD/TDS effluent streams. High COD/TDS effluent stream shall be evaporated in MEE. Low COD/TDS effluent streams shall be</p>	<p>Complied.</p> <p>Industrial effluent generation is not exceeding 302 m³/day. The unit has carried out stream segregation thus separating high COD/TDS</p>																		

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	<p>treated in ETP followed by RO. Treated effluent, condensate and recover water shall be treated and recycled/reused within factory premises.</p>	<p>and Low COD/TDS effluent streams. High COD/TDS effluent streams treated in MEE, Low COD/TDS effluent stream treated in ETP followed by RO. RO permeate and MEE condensate is being recycled/reused within the factory The unit is maintaining Zero Liquid Discharge unit.</p> <table><tr><th>Month</th><th>Effluent Generation KL/D</th></tr><tr><td>Oct/24</td><td>60.42</td></tr><tr><td>Nov/24</td><td>67.83</td></tr><tr><td>Dec/24</td><td>80.80</td></tr><tr><td>Jan/25</td><td>86.2</td></tr><tr><td>Feb/25</td><td>68.43</td></tr><tr><td>Mar/25</td><td>71.74</td></tr><tr><td>EC Limit</td><td>302</td></tr></table>	Month	Effluent Generation KL/D	Oct/24	60.42	Nov/24	67.83	Dec/24	80.80	Jan/25	86.2	Feb/25	68.43	Mar/25	71.74	EC Limit	302
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xi	<p>No effluent shall be discharged outside the plant premises and “Zero” effluent discharge condition shall be followed.</p>	<p>Complied.</p> <p>No effluent is being discharged out of the premises of the unit. The unit has installed various treatment units like ETP, RO, STP, MEE & ATFD and has achieved complete Zero Liquid Discharge. Also same has been covered in CCA AWH-123323, Valid Upto 30.09.2029 A copy of the Punchnama (Dated on 02.11.2018) regarding disconnection of the drain to CETP is attached as Annexure -5.</p>																
xii	<p>Continuous online monitoring (24x7) system to be installed within the treatment plant and data to be uploaded to the company's website and also provided to respective regional offices of moef&CC and concerned SPCB/CPCB.</p>	<p>Complied.</p> <p>The unit is a Zero Liquid Discharge unit. Unit has provided OCEMS as per CPCB / GPCB guidelines. The unit has installed a TOC meter, Magnetic Flow meter and PTZ Camera at the discharge point of ETP which is connected to GPCB and CPCB Server. Screenshots of the are connected as per Annexure -6</p>																
xiii	<p>Process effluent/any wastewater shall not be allowed to mix with stormwater. Storm water drain shall be passed through the guard pond.</p>	<p>Complied.</p> <p>Effluent is transferred to the ETP through a closed pipeline. Separate stormwater drains are available.</p>																
xiv	<p>Ground water quality monitoring including the pesticides shall be carried out every month and the monitored data shall be submitted to the ministry’s regional office, Bhopal and GPCB.</p>	<p>Complied.</p> <p>The Unit has not produced any pesticide during this period. No Borewell is within the premises of the unit.</p>																
xv	<p>Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided in tank farms. Solvent transfer shall be by pumps.</p>	<p>Complied</p> <p>Hazardous chemicals are stored in tanks in tank farms, drums, carboys, etc. Flame arresters are provided on tanks containing flammable</p>																

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		solvents/chemicals. Solvents are transferred by Mechanical seal and flameproof pumps in a closed loop.				
xvi	The company shall obtain Authorization for the collection, Storage, and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.	<p>Complied.</p> <p>The unit has obtained authorization AWH - 123323, Valid up to 30.09.2029. for collection, Storage, and disposal of hazardous waste under the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016, and amended as on date for management of Hazardous wastes. The unit has implemented appropriate measures for fire fighting in case of emergency.</p> <p>Membership of disposal facilities like BEIL, SEPL, SEPPL & RSPL has been obtained and certificates are attached as Annexure - 7.</p>				
xvii	As proposed ETP sludge and inorganic waste should be sent to TSDF Site. High calorific value waste such as spent organic should be sent to cement plants for co-incineration. Fly ash shall be sent to the cement plant/brick manufacturing unit.	<p>Complied.</p> <p>Unit is sending ETP Sludge and inorganic salts from dryers to the TSDF Site. Low-Chloride waste sending to Pre-processing and High chloride waste sending to Incineration at CHWIF.</p> <p>Fly ash is not generated as the Unit has no Boiler Installation.</p>				
xviii	The Company shall strictly comply with the rules and guidelines under manufacture, Storage, and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	<p>Complied.</p> <p>Company strictly complies with the rules and guidelines under manufacture, Storage, and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. PESO certificateG/WB/GJ/06/353 (G47482) for Toluene Valid up to 31.12.2033 and G/WB/GJ/06/353 (G47482) For Hydrogen Valid upto 30.09.2033 obtained for the same, is attached as Annexure 8.</p> <p>Unit has obtained licenses from concerned authorities for storing Chemicals. All transportation of hazardous chemicals has been done as per the MVA 1989.</p>				
xix	Special care shall be given for handling transportation and storage of bromine. The company shall make arrangements to transport Br ₂ through an ISO tanker.	<p>Complied.</p> <p>The unit is currently not manufacturing any product which uses Bromine as raw material.</p>				
xx	The unit shall make arrangements for possible fire hazards during the manufacturing process in material handling. Fire fighting system shall be as per the norms.	<p>Complied.</p> <p>Unit has made all arrangements for possible fire hazards during the manufacturing process. Fire fighting system provided as per the norms. A complete list of all fire fighting tools is attached as Annexure-9.</p>				
xxi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories act.	<p>Complied.</p> <p>Occupational health check-ups are carried out at a regular interval of 6 months. and Records are being maintained as per Factory act.</p> <table><tr><th>Month of surveillance</th><th>Total no. of Employees</th></tr><tr><td>October 2024 to March 2025</td><td>307</td></tr></table>	Month of surveillance	Total no. of Employees	October 2024 to March 2025	307
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**M/s. Aarti Industries Ltd. (Alchemie Organics Division),
Plot no.903, 923, Phase-III, GIDC Estate, Vapi. Gujrat.
Compliance report of Environmental Clearance File No. J-11011/47/2015-IA II (I)**

Dated 28/10/2016,

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xxii	As proposed, green belt over an area of 2346 m ² shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road site etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Complied. The unit has developed a green belt in the Notified Area of GIDC Vapi to comply with the CPCB guidelines.																					
xxiii	All the recommendations made in the risk assessment report shall be satisfactorily implemented.	Complied Risk assessment recommendations are implemented properly. Ex. SOP Prepared for operation, Continuous training, Chemical handling precaution taken, General plant checklist.																					
xxiv	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social responsibility based on need of surrounding villages and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry’s Regional Office at Bhopal. Implementation of such programs shall be ensured accordingly in a time-bound manner.	Complied. It has been completed, The unit has spent Rs.75 Cr in total since EC is granted.																					
B	General conditions																						
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied. The unit strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority copy of the compliance of CCA is attached in Annexure-10 .																					
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted. The project proponent will not make any further expansion or modification beyond the scope of the granted EC without the prior approval of the Ministry of Environment and Forests.																					
iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied. The unit is carrying out ambient air quality sampling and analysis through an approved laboratory as per NAAQS (ENPRO Enviro-Tech and Engineers Pvt.Ltd.,Surat). The details of the analysis results are provided in the table. Analysis reports of the same have been attached as Annexure-11 . The analysis results are well within the GPCB limits. <table><tr><th>Month</th><th>Place</th><th>PM₁₀ µg/m³</th><th>PM_{2.5} µg/m³</th><th>SO_x µg/m³</th><th>NO_x µg/m³</th><th>CO mg/m³</th></tr><tr><td colspan="2">GPCB LIMIT</td><td>100</td><td>60</td><td>80</td><td>80</td><td>2</td></tr><tr><td>Oct/24</td><td>Nr.ETP</td><td>60.8</td><td>27.74</td><td>25.5</td><td>29.4</td><td>0.61</td></tr></table>	Month	Place	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO _x µg/m ³	NO _x µg/m ³	CO mg/m ³	GPCB LIMIT		100	60	80	80	2	Oct/24	Nr.ETP	60.8	27.74	25.5	29.4	0.61
Month	Place	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO _x µg/m ³	NO _x µg/m ³	CO mg/m ³																	
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		<table><tr><td rowspan="2"></td><td>Nr. DCNB plant</td><td>61</td><td>28.7</td><td>26.6</td><td>30.1</td><td>0.58</td></tr><tr><td>Nr. Maintenance Room</td><td>60.7</td><td>28.1</td><td>26.3</td><td>29.5</td><td>0.6</td></tr><tr><td rowspan="3">Nov/24</td><td>Nr.ETP</td><td>76.6</td><td>36.7</td><td>34.2</td><td>39.5</td><td>0.75</td></tr><tr><td>Nr. DCNB plant</td><td>76.6</td><td>35.9</td><td>33.5</td><td>38.4</td><td>0.76</td></tr><tr><td>Nr. Maintenance Room</td><td>77</td><td>36.2</td><td>33.4</td><td>38.7</td><td>0.81</td></tr><tr><td rowspan="3">Dec/24</td><td>Nr.ETP</td><td>80.9</td><td>40.4</td><td>35.6</td><td>45</td><td>0.68</td></tr><tr><td>Nr. DCNB plant</td><td>78.3</td><td>36.5</td><td>32.3</td><td>40.5</td><td>0.7</td></tr><tr><td>Nr. Maintenance Room</td><td>74.4</td><td>35</td><td>31.1</td><td>39.7</td><td>0.66</td></tr><tr><td rowspan="3">Jan/25</td><td>Nr.ETP</td><td>83.2</td><td>38.6</td><td>33.7</td><td>43.7</td><td>0.77</td></tr><tr><td>Nr. DCNB plant</td><td>80.9</td><td>38</td><td>30.6</td><td>43.9</td><td>0.72</td></tr><tr><td>Nr. Maintenance Room</td><td>82.6</td><td>39.6</td><td>33.5</td><td>46.1</td><td>0.69</td></tr><tr><td rowspan="3">Feb/25</td><td>Nr.ETP</td><td>79.5</td><td>38.3</td><td>33</td><td>43.1</td><td>0.6</td></tr><tr><td>Nr. DCNB plant</td><td>77.9</td><td>37.6</td><td>32.4</td><td>42.7</td><td>0.72</td></tr><tr><td>Nr. Maintenance Room</td><td>80.4</td><td>38.3</td><td>32.4</td><td>45.3</td><td>0.75</td></tr><tr><td rowspan="3">Mar/25</td><td>Nr.ETP</td><td>82.5</td><td>39.4</td><td>32.5</td><td>45.6</td><td>0.76</td></tr><tr><td>Nr. DCNB plant</td><td>82.6</td><td>39.1</td><td>32.7</td><td>45.6</td><td>0.69</td></tr><tr><td>Nr. Maintenance Room</td><td>76</td><td>36.5</td><td>31.5</td><td>41.6</td><td>0/66</td></tr></table> <p>All the parameters are within the prescribed limit.</p>		Nr. DCNB plant	61	28.7	26.6	30.1	0.58	Nr. Maintenance Room	60.7	28.1	26.3	29.5	0.6	Nov/24	Nr.ETP	76.6	36.7	34.2	39.5	0.75	Nr. DCNB plant	76.6	35.9	33.5	38.4	0.76	Nr. Maintenance Room	77	36.2	33.4	38.7	0.81	Dec/24	Nr.ETP	80.9	40.4	35.6	45	0.68	Nr. DCNB plant	78.3	36.5	32.3	40.5	0.7	Nr. Maintenance Room	74.4	35	31.1	39.7	0.66	Jan/25	Nr.ETP	83.2	38.6	33.7	43.7	0.77	Nr. DCNB plant	80.9	38	30.6	43.9	0.72	Nr. Maintenance Room	82.6	39.6	33.5	46.1	0.69	Feb/25	Nr.ETP	79.5	38.3	33	43.1	0.6	Nr. DCNB plant	77.9	37.6	32.4	42.7	0.72	Nr. Maintenance Room	80.4	38.3	32.4	45.3	0.75	Mar/25	Nr.ETP	82.5	39.4	32.5	45.6	0.76	Nr. DCNB plant	82.6	39.1	32.7	45.6	0.69	Nr. Maintenance Room	76	36.5	31.5	41.6	0/66
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iv	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generating. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)</p>	<p>Complied.</p> <p>Acoustic enclosure is provided to control the high noise level in DG set.</p> <p>The noise levels in the plant conforms to the standards prescribed in the EP Act, 1986. Noise monitoring is carried out by a approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat)</p> <p>Details of the noise levels at various locations are mentioned in the table below. The results are within the limits. Copy of the report has been attached as Annexure-12.</p> <table><tr><td></td><td>LOCATION</td><td>Oct/24</td><td>Nov/24</td><td>Dec/24</td><td>Jan/25</td><td>Feb/25</td><td>Mar/25</td></tr><tr><td>Day</td><td>Nr.Main Gate</td><td>67.7</td><td>65.2</td><td>66.2</td><td>61.1</td><td>62.4</td><td>65.2</td></tr></table>		LOCATION	Oct/24	Nov/24	Dec/24	Jan/25	Feb/25	Mar/25	Day	Nr.Main Gate	67.7	65.2	66.2	61.1	62.4	65.2																																																																																												
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Dated 28/10/2016,

October 2024 to March 2025

		<table><tr><td></td><td>Nr.Engineering Workshop</td><td>72.2</td><td>71.4</td><td>70.7</td><td>72.7</td><td>70.2</td><td>71.4</td></tr><tr><td rowspan="2">Night</td><td>Nr.Main Gate</td><td>53.3</td><td>53.4</td><td>52.9</td><td>53.2</td><td>58.2</td><td>52.9</td></tr><tr><td>Nr.Engineering Workshop</td><td>65.1</td><td>61.1</td><td>64.5</td><td>66.1</td><td>61.4</td><td>60</td></tr></table> <p>All the parameters are within the prescribed limit</p> <p>*The noise value are in db(A).</p> <p>All the parameters are within the prescribed limit</p>		Nr.Engineering Workshop	72.2	71.4	70.7	72.7	70.2	71.4	Night	Nr.Main Gate	53.3	53.4	52.9	53.2	58.2	52.9	Nr.Engineering Workshop	65.1	61.1	64.5	66.1	61.4	60
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	Nr.Engineering Workshop	65.1	61.1	64.5	66.1	61.4	60																		
v	The company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the groundwater and use the same water for the process activities of the project to conserve fresh water.	<p>Complied. Recharging of groundwater is not allowed in the GIDC area. Unit has implemented a rooftop rainwater harvesting plan and uses the same for appropriate purposes.</p>																							
vi	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	<p>Complied.</p> <p>Each plant is provided with garland drains and accidental spillages if any gets collected in the effluent sump of the plant through these garland drains. The same is pumped to the ETP for further treatment. Separate storm water drain is existing.</p>																							
vii	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	<p>Complied. Unit has provided personal protective equipment to each and every employee/worker.Like : Helmet, Gloves, Goggles, Safety shoes, Chemical splash suit etc.</p>																							
viii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemicals shall be imparted.	<p>Complied.</p> <p>Training is carried out 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.</p> <table><tr><th colspan="3">Safety and Health aspects training to employees</th></tr><tr><th>Sr. No.</th><th>Time Period</th><th>Number of Employees</th></tr><tr><td>1</td><td>October 2024 to March 2025</td><td>307</td></tr></table>	Safety and Health aspects training to employees			Sr. No.	Time Period	Number of Employees	1	October 2024 to March 2025	307														
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ix	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	<p>Complied.</p> <p>The company is complying with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry.</p> <p>All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures relating to the project will be implemented. Compliance to the EMP points is attached as Annexure-13</p>																							

**M/s. Aarti Industries Ltd. (Alchemie Organics Division),
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x	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	Complied. The Company has spent 6.28 Cr as below. 1. Education and Skill Development : 3.06 Cr 2. Healthcare : 0.38 Cr 3. Tribal Welfare & Rural Development : 1.16 Cr 4. Disaster Relief : 0.25 Cr 5. Environment Conservation : 0.37 Cr 6. Women Empowerme : 1.06 Cr																																																						
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied. The Company has spent 0.37 Cr as below. 1. Environment Conservation : 0.37 Cr 2. The unit has installed a ground water recharge system nearby villages.																																																						
xii	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. The Environment management cell comprises operators/supervisors/ Environmental Engineers / Plant Managers / Environmental Manager / Unit Head, and Sr Vice Presidents. The organogram is attached as Annexure-14 Full fledged laboratory facility exists for environmental monitoring with facilities to carry out analysis like pH, COD, TDS, MLSS, MLVSS																																																						
xiii	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Complied There is no limit to utilize the budget for the Environment management system. Budgetary allocation is made for revenue expenditure for routine operation of various treatment facilities. Details of operation cost of ETP and Reverse Osmosis plants for 6 months are provided as below. Allocated funds for environment management / pollution control are not diverted for any other purpose. <table><tr><th></th><th colspan="5">ZLD Unit Expenses (in Rs)</th></tr><tr><th>Month</th><th>Power - ETP</th><th>Hazardous waste</th><th>Chemicals</th><th>Power (RO & MEE)</th><th>Manpower</th></tr><tr><td>Oct/24</td><td>478717.24</td><td>3677891</td><td>427701</td><td>980877.88</td><td>520580</td></tr><tr><td>Nov/24</td><td>478368.1</td><td>2286025</td><td>307800</td><td>812147.29</td><td>540524</td></tr><tr><td>Dec/24</td><td>510827.35</td><td>3178706</td><td>439786</td><td>611335.45</td><td>650478</td></tr><tr><td>Jan/25</td><td>533512.28</td><td>4337721</td><td>517321</td><td>657435.45</td><td>791588</td></tr><tr><td>Feb/25</td><td>520923.3</td><td>3506300</td><td>489553</td><td>457485.45</td><td>764078</td></tr><tr><td>Mar/25</td><td>500629.5</td><td>3736486</td><td>500350</td><td>1022143.92</td><td>731274</td></tr><tr><td>Total</td><td>3022977.77</td><td>20723129</td><td>2682511</td><td>4541425.44</td><td>3998522</td></tr></table>		ZLD Unit Expenses (in Rs)					Month	Power - ETP	Hazardous waste	Chemicals	Power (RO & MEE)	Manpower	Oct/24	478717.24	3677891	427701	980877.88	520580	Nov/24	478368.1	2286025	307800	812147.29	540524	Dec/24	510827.35	3178706	439786	611335.45	650478	Jan/25	533512.28	4337721	517321	657435.45	791588	Feb/25	520923.3	3506300	489553	457485.45	764078	Mar/25	500629.5	3736486	500350	1022143.92	731274	Total	3022977.77	20723129	2682511	4541425.44	3998522
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		The total expense is INR 3.99 crores,
xiv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whose suggestions/representations, if any, were received while processing the proposal.	Complied. Advertisement has been given in the newspaper which is widely circulated in the region, one in vernacular language and one in local language. The copy of the same has been attached as Annexure -18 .
xv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Complied. Six monthly compliance reports with all the required data are being sent to the respective Regional Office of , the respective Zonal Office of CPCB and the State Pollution Control Board. Last compliance report for the period of April 24 to Sept. 24 submitted on 28.11.2024 Scan copy of first page duly stamped with received date is attached as Annexure-15 .
xvi	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the Gujarat State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by email.	Complied. The environmental statement for the financial year ending 31 st March in Form-V is submitted to the Gujarat State Pollution Control Board for the year 2023-2024 was submitted on 15.07.2024 The copy of Form-V has been attached as Annexure-16 .
xvii	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry at http://envfor.nic.in This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied. Advertisement has been given in the newspaper which is widely circulated in the region, one in vernacular language and one in local language. The copy of the same has been attached as Annexure -18 .
xviii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. The project is self financed and hence the date of financial closure is not applicable. The unit obtained CTE with No CTE 93280 from GPCB for the EC on 18.07.2018, and CTE-118593 on 21.05.2022. And CTE amendment CTE - 118593. The unit got the CCA AWH – 90841 dt. 17/03/2018. CCA Amendment AWH –92756, issued on 24/07/2018 valid up to 30/09/2022. CCA Renewal AWH-123323, Valid Upto 30.09.2029.
8.	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
9.	The ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted.

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Plot no.903, 923, Phase-III, GIDC Estate, Vapi. Gujrat.
Compliance report of Environmental Clearance File No. J-11011/47/2015-IA II (I)**

Dated 28/10/2016,

October 2024 to March 2025

10.	The above conditions will be enforced, inter - alia under the provisions of the water (prevention and control of pollution) act, 1974, Air (prevention & control of water pollution) act, 1981, the environment (protection) act, 1986, Hazardous waste (Management, handling and trans - boundary movement) rules, 2008 and the public Liability Insurance act , 1991 along with their amendments and rules.	Noted. PLI policy No 12040036243300000004 , dated on 09.01.2025 and valid upto 08.01.2026 is attached as Annexure-17 .
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ANNEXURE - 1**Production Details****PRODUCTION Oct-24 to March-25**

Descriptions		CC&A Limits	Oct/24	Nov/24	Dec/24	Jan/25	Feb/25	Mar/25	Total
Hydrogenation	DCBH (Di Chloro Benzen Hydro Chloride)	3900MT	202.19	208.99	339.32	386.12	281.83	351.2	1769.65
	1,3 DFB (Di Flouro Benzene)		15	30	24	25.1	29	18	141.10
Co-Products from Hydrogenation	Ortho Chloro Aniline	487.5MT	27.00	34.040	27.000	48.13	29.00	12	177.17
Diazotization - Sandmeyer Reaction	2,3/2,5 DCP (Di Chloro Phenol)	1200 MT	8.50	30.50	37.00	0.00	0.00	0.00	76.00
	3,5 Di Chloro Nitro Benzene		104.00	100.00	106.50	114.00	72.45	56.00	552.95
Chlorination	2,6 Di Chloro Para Nitro Aniline	2000 MT	0	64.50	141.55	150.10	127.95	81.10	565.20

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002474F	Issue Date : 18-03-2025
ULR No : TC588525000002474F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-03-2025	Packing / Seal : Sealed	
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02474	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	2.00	62	6.80	67149

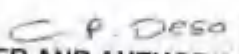
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	58.7	150	IS 11255 (Part-1):1985
2	Carbon Dioxide (as CO₂)	%	0.35	-	SOP No.WI/ST/10
3	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03
4	Methane (as CH₄)	%	BDL(<0.1)	-	USEPA Method - 18
5	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Page 1 of 1


Test Report

Format No : QR/7.8/01	Test Report No : ETL/001573/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to SFD Dryer					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02474				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	2.00	62			
	Velocity m/s	Flow Rate Nm³/hr			
	6.80	67149			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
2	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
3	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002475F	Issue Date : 18-03-2025			
ULR No : TC588525000002475F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to Reaction(Dizo) Vessels					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02475				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	40			
		Velocity m/s			
		1.60			
		Flow Rate Nm³/hr			
		97			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	22.3	25	IS 11255 (Part 7) :2005


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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001574/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to Reaction(Dizo) Vessels					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02475				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	40			
	Velocity m/s	Flow Rate Nm³/hr			
	1.60	97			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	1.70	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002476F	Issue Date : 18-03-2025
ULR No : TC588525000002476F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCNB Decomposition Stack	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghastiya	Packing / Seal	: Sealed
Date of Sampling	: 10-03-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 11-03-2025	Date of Completion	: 13-03-2025
Date of Starting of Test	: 11-03-2025	Sample ID	: 0325/ST02476
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 30 min.		

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	26	0.70	44

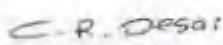
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm³	23.6	25	IS 11255 (Part 7) :2005

Note : BDL :- Below Detectable Limit

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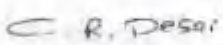
Test Report

Format No : QR/7.8/01	Test Report No : ETL/001576/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH 2 scrubber					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02477				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	39			
	Velocity m/s	Flow Rate Nm³/hr			
	1.80	109			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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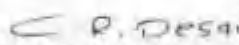
Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002478F	Issue Date : 18-03-2025			
ULR No : TC588525000002478F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH Warehouse					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02478				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.20	28			
	Velocity m/s	Flow Rate Nm³/hr			
	1.60	177			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	37.6	150	IS 11255 (Part-1):1985


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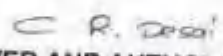
Test Report

Format No : QR/7.8/01	Test Report No : ETL/001578/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH Warehouse					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02478				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.20	28			
	Velocity m/s	Flow Rate Nm³/hr			
	1.60	177			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit


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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001579/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCNB Distillation Scrubber					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02479				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	48			
	Velocity m/s	Flow Rate Nm³/hr			
	1.80	106			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002480F	Issue Date : 18-03-2025
ULR No : TC588525000002480F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to HCl yard scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-03-2025	Packing / Seal : Sealed	
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02480	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

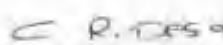
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	37	0.70	43

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm³	24.3	40	IS 11255 (Part-2):1985
2	Oxides of Nitrogen (as NO ₂)	mg/Nm³	18.5	25	IS 11255 (Part-7):2005

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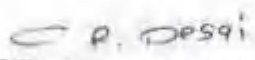
Test Report

Format No : QR/7.8/01	Test Report No : ETL/001598/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to HCl yard scrubber					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02480				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
11	0.15	37			
	Velocity m/s	Flow Rate Nm³/hr			
	0.70	43			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001599/25-	Issue Date : 18-03-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-4 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 10-03-2025

Sample Received Date : 11-03-2025

Date of Starting of Test : 11-03-2025

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 : 13-03-2025

Sample ID : 0325/ST02481

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	36	0.80	36

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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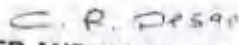
Page 1 of 1

Test Report

Format No : QR/7.8/01		Test Report No : ETL/001600/25-		Issue Date : 18-03-2025	
ULR No : N.A.		Discipline : Chemical		Group : Atmospheric Pollution	
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH-3 Scrubber					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya		Qty / Nos of Sample : 1 / 1 No.			
Date of Sampling : 10-03-2025		Packing / Seal : Sealed			
Sample Received Date : 11-03-2025		Protocol / Purpose : Stack Gas Analysis			
Date of Starting of Test : 11-03-2025		Date of Completion : 13-03-2025			
Sampling Method : WI/ST/A		Sample ID : 0325/ST02482			
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	36	1.60	98	
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	9.00	20	USEPA (Part-0050)


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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001731F	Issue Date : 27-02-2025
ULR No : TC588525000001731F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No	
Date of Sampling : 20-02-2025	Packing / Seal : Sealed	
Sample Received Date : 21-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 21-02-2025	Date of Completion : 22-02-2025	
Sampling Method : WI/ST/A	Sample ID : 0225/ST01731	
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	74	7.20	457


RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	64.4	150	IS 11255 (Part-1):1985
2	Carbon Dioxide (as CO₂)	%	0.35	-	SOP No.WI/ST/10
3	VOC	mg/Nm³	BDL(<1)	-	SOP No -WI/ST/44-03
4	Methane (as CH₄)	%	BDL(<0.1)	-	USEPA Method - 18
5	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000968/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to SFD Dryer				
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No		
Date of Sampling	: 20-02-2025	Packing / Seal	: Sealed		
Sample Received Date	: 21-02-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 21-02-2025	Date of Completion	: 22-02-2025		
Sampling Method	: WI/ST/A	Sample ID	: 0225/ST01/31		
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	0.15	74	7.20	457


RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
2	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
3	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001732F	Issue Date : 27-02-2025
ULR No : TC588525000001732F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-02-2025

Packing / Seal : Sealed

Sample Received Date : 21-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-02-2025

Date of Completion : 22-02-2025

Sampling Method : WI/ST/A

Sample ID : 0225/ST01732

Duration Sampling : 60 min.

Fuel : -

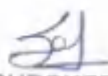
STACK DETAILS :

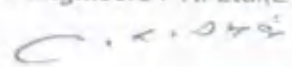
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	38	2.60	158

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm³	17.3	25	IS 11255 (Part 7) : 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000921/25-	Issue Date : 27-02-2025
ULR No : N A	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No -902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample	: Stack attached to Reaction(Dizo) Vessels	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 20-02-2025	Packing / Seal : Sealed
Sample Received Date	: 21-02-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 21-02-2025	Date of Completion : 22-02-2025
Sampling Method	: WI/ST/A	Sample ID : 0225/ST01732
Duration Sampling	: 60 min.	Fuel :

STACK DETAILS :

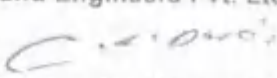
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	38	2.60	158

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	14.80	20	USEPA (Part-0050)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001733F	Issue Date : 27-02-2025
ULR No : TC588525000001733F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCNB Decomposition Stack		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 20-02-2025	Packing / Seal : Sealed	
Sample Received Date : 21-02-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 21-02-2025	Date of Completion : 22-02-2025	
Sampling Method : WI/ST/A	Sample ID : 0225/ST01733	
Duration Sampling : 30 min.	Fuel :	

STACK DETAILS :

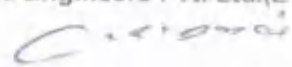
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	30	0.80	50

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	22.8	25	IS 11255 (Part 7) 2005


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000970/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH 2 scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 20-02-2025

Sample Received Date : 21-02-2025

Date of Starting of Test : 21-02-2025

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 : 22-02-2025

Sample ID : 0225/ST01734

Fuel : -

STACK DETAILS :

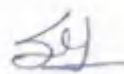
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	46	2.40	143

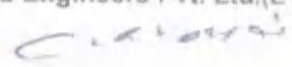
RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000962/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -I

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 20-02-2025

Sample Received Date : 21-02-2025

Date of Starting of Test : 21-02-2025

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 : 22-02-2025

Sample ID : 0225/ST01729

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	146	7.00	1700

RESULT TABLE

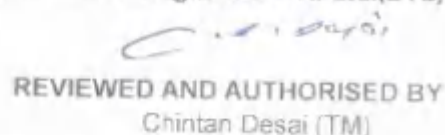
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001735F	Issue Date : 27-02-2025
ULR No : TC588525000001735F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH Warehouse

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-02-2025

Packing / Seal : Sealed

Sample Received Date : 21-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-02-2025

Date of Completion : 22-02-2025

Sampling Method : WI/ST/A

Sample ID : 0225/ST01735

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

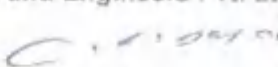
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.20	34	1.23	133

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	35.1	150	IS 11255 (Part-1):1985

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000193/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH Warehouse

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-02-2025

Packing / Seal : Sealed

Sample Received Date : 21-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-02-2025

Date of Completion : 22-02-2025

Sampling Method : WI/ST/A

Sample ID : 0225/ST01735

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	1.23	133


RESULT TABLE

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

Note : BDL - Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000194/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to DCNB Distillation Scrubber				
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.		
Date of Sampling	: 20-02-2025	Packing / Seal	: Sealed		
Sample Received Date	: 21-02-2025	Protocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 21-02-2025	Date of Completion	: 22-02-2025		
Sampling Method	: WI/ST/A	Sample ID	: 0225/ST01736		
Duration Sampling	: 60 min.	Fuel	: -		

STACK DETAILS :

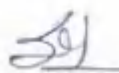
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	36	1.40	86


RESULT TABLE

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

Note : BDL :- Below Detectable Limit.

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001737F	Issue Date : 27-02-2025
ULR No : TC588525000001737F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to HCl yard scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-02-2025

Packing / Seal : Sealed

Sample Received Date : 21-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-02-2025

Date of Completion : 22-02-2025

Sampling Method : W/ST/A

Sample ID : 0225/ST01737

Duration Sampling : 60 min.

Fuel : -

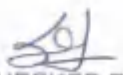
STACK DETAILS :

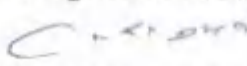
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	30	0.80	50

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	29.0	40	IS 11255 (Part-2) 1985
2	Oxides of Nitrogen (as NO _x)	ppm	22.5	50	IS 11255 (Part-7) 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000923/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to HCl yard scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 20-02-2025

Sample Received Date : 21-02-2025

Date of Starting of Test : 21-02-2025

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 : 22-02-2025

Sample ID : 0225/ST01737

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	30	0.80	50

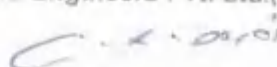
RESULT TABLE

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

Note : BDL - Below Detectable Limit

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000924/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-4 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 20-02-2025

Sample Received Date : 21-02-2025

Date of Starting of Test : 21-02-2025

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 : 22-02-2025

Sample ID : 0225/ST01738

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	28	0.90	57

RESULT TABLE

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

Note: BDL ~ Below Detectable Limit

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Chintan Desai (TM)

CHECKED BY

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000971/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No. -902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-3 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-02-2025	Packing / Seal : Sealed
Sample Received Date : 21-02-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-02-2025	Date of Completion : 22-02-2025
Sampling Method : WI/ST/A	Sample ID : 0225/ST01739
Duration Sampling : 60 min.	Fuel : -

STACK DETAILS :

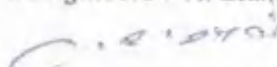
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	0.15	30	1.00	63

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm³	9.20	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)

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000530F	Issue Date : 23-01-2025
ULR No : TC588525000000530F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 16-01-2025

Sample Received Date : 17-01-2025

Date of Starting of Test : 17-01-2025

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 : 20-01-2025

Sample ID : 0125/ST00530

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
11	2.00	70	6.50	62730

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	58.7	150	IS 11255 (Part-1):1985
2	Carbon Dioxide (as CO₂)	%	0.32	-	SOP No.WI/ST/10
3	VOC	mg/Nm³	BDL(<1)	-	SOP No.-WI/ST/44-03
4	Methane (as CH₄)	%	BDL(<0.1)	-	GC Method
5	Nitrous Oxide (N₂O)	ppm	BDL(<2.1)	-	GC Method

Note : BDL :- Below Detectable Limit

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

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000270/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to SFD Dryer	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 16-01-2025	Packing / Seal : Sealed
Sample Received Date	: 17-01-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 17-01-2025	Date of Completion : 20-01-2025
Sampling Method	: WI/ST/A	Sample ID : 0125/ST00530
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	2.00	70	6.50	62730

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
2	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
3	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000531F	Issue Date : 23-01-2025
ULR No : TC588525000000531F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-01-2025

Packing / Seal : Sealed

Sample Received Date : 17-01-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-01-2025

Date of Completion : 20-01-2025

Sampling Method : WI/ST/A

Sample ID : 0125/ST00531

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	32	2.20	137

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	24.4	25	IS 11255 (Part 7) :2005

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C. Desai

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Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000075/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-01-2025

Packing / Seal : Sealed

Sample Received Date : 17-01-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-01-2025

Date of Completion : 20-01-2025

Sampling Method : W/ST/A

Sample ID : 0125/ST00531

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	32	2.20	137

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	17.20	20	USEPA (Part-0050)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000532F	Issue Date : 23-01-2025
ULR No : TC588525000000532F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCNB Decomposition Stack		
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 16-01-2025	Packing / Seal	: Sealed
Sample Received Date	: 17-01-2025	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 17-01-2025	Date of Completion	: 20-01-2025
Sampling Method	: W/ST/A	Sample ID	: 0125/ST00532
Duration Sampling	: 30 min.	Fuel	: -

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
11	0.15	33	0.80	50

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	21.1	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000267/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCBH 2 scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 16-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-01-2025	Date of Completion	: 20-01-2025
Date of Starting of Test	: 17-01-2025	Sample ID	: 0125/ST00533
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
11	0.15	36	1.60	98

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000534F	Issue Date : 23-01-2025
ULR No : TC588525000000534F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCBH Warehouse	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 16-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-01-2025	Date of Completion	: 20-01-2025
Date of Starting of Test	: 17-01-2025	Sample ID	: 0125/ST00534
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
11	0.20	30	1.40	156

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	31.7	150	IS 11255 (Part-1):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000268/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCBH Warehouse	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 16-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-01-2025	Date of Completion	: 20-01-2025
Date of Starting of Test	: 17-01-2025	Sample ID	: 0125/ST00534
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 Nm ³ /hr
11	0.20	30	1.40	156

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000269/25-	Issue Date : 23-01-2025
JLR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCNB Distillation Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-01-2025	Packing / Seal : Sealed
Sample Received Date : 17-01-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-01-2025	Date of Completion : 20-01-2025
Sampling Method : WI/ST/A	Sample ID : 0125/ST00535
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	0.15	42	1.50	90

RESULT TABLE


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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000536F	Issue Date : 23-01-2025
ULR No : TC588525000000536F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to HCl yard scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 16-01-2025	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-01-2025	Date of Completion	: 20-01-2025
Date of Starting of Test	: 17-01-2025	Sample ID	: 0125/ST00536
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
11	0.15	33	0.70	43

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm³	27.4	40	IS 11255 (Part-2):1985
2	Oxides of Nitrogen (as NO ₂)	mg/Nm³	20.0	25	IS 11255 (Part-7):2005


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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000279/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to HCl yard scrubber	
Sampling By	: ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 16-01-2025	Packing / Seal : Sealed
Sample Received Date	: 17-01-2025	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 17-01-2025	Date of Completion : 20-01-2025
Sampling Method	: WI/ST/A	Sample ID : 0125/ST00536
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	33	0.70	43

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000277/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-4 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-01-2025

Packing / Seal : Sealed

Sample Received Date : 17-01-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-01-2025

Date of Completion : 20-01-2025

Sampling Method : WI/ST/A

Sample ID : 0125/ST00537

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	32	1.00	62


RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000077/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCBH-3 Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 16-01-2025	Packing / Seal : Sealed	
Sample Received Date : 17-01-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 17-01-2025	Date of Completion : 20-01-2025	
Sampling Method : WI/ST/A	Sample ID : 0125/ST00538	
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	34	1.20	74

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCI	mg/Nm³	8.40	20	USEPA (Part-0050)

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


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Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012311F	Issue Date : 23-12-2024
ULR No : TC588524000012311F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12311

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	6.20	59014

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	60.5	150	IS 11255 (Part-1):1985
2	Carbon Dioxide (as CO ₂)	%	0.34	-	SOP No.WI/ST/10

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001153/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12311

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	6.20	59014

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	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012312F	Issue Date : 23-12-2024
ULR No : TC588524000012312F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12312

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.80	110

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	20.6	25	IS 11255 (Part 7) :2005

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005918/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12312

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.80	110

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	13.90	20	USEPA (Part-0050)

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012313F	Issue Date : 23-12-2024
ULR No : TC588524000012313F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCNB Decomposition Stack

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12313

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.90	57

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	19.8	25	IS 11255 (Part 7) 2005

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005919/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH 2 scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12314

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	2.00	119

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012315F	Issue Date : 23-12-2024
ULR No : TC588524000012315F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCBH Warehouse		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 14-12-2024	Packing / Seal : Sealed	
Sample Received Date : 16-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 16-12-2024	Date of Completion : 18-12-2024	
Sampling Method : WI/ST/A	Sample ID : 1224/ST12315	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :


Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	1.80	199

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	38.5	150	IS 11255 (Part-1):1985

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001155/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH Warehouse

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12315

Duration Sampling : 60 min.

Fuel :-

STACK DETAILS :

Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	1.80	199

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/006158/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCNB Distillation Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12316

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.80	110

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012317F	Issue Date : 23-12-2024
ULR No : TC588524000012317F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to HCl yard scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12317

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.60	37

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	25.7	40	IS 11255 (Part 2)-1985
2	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	23.6	25	IS 11255 (Part 7) 2005

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/006160/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to HCl yard scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 14-12-2024	Packing / Seal : Sealed	
Sample Received Date : 16-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 16-12-2024	Date of Completion : 18-12-2024	
Sampling Method : WI/ST/A	Sample ID : 1224/ST12317	
Duration Sampling : 60 min.	Fuel : -	

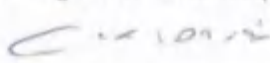
STACK DETAILS :				
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.60	37

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

Note : BDL :- Below Detectable Limit

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Chintan Desai (TM)

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/006161/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCBH-4 Scrubber		
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 14-12-2024	Packing / Seal : Sealed	
Sample Received Date : 16-12-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 16-12-2024	Date of Completion : 18-12-2024	
Sampling Method : WI/ST/A	Sample ID : 1224/ST12318	
Duration Sampling : 60 min.	Fuel : -	

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.80	50


RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005920/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-3 Scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12319

Duration Sampling : 60 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.40	87

RESULT TABLE

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

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Sweety Patel (Dy.TM)

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010858F	Issue Date : 22-11-2024
ULR No : TC588524000010858F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to SFD Dryer	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 14-11-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-11-2024	Date of Completion : 16-11-2024
Date of Starting of Test : 15-11-2024	Sample ID : 1124/ST10858
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
-	-	-	6.80	65059

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	56.0	150	IS 11255 (Part-1) 1985
2	Carbon Dioxide (as CO ₂)	%	0.31	-	SOP No.WI/ST/10

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


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Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005485/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to SFD Dryer

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 14-11-2024

Sample Received Date : 15-11-2024

Date of Starting of Test : 15-11-2024

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 : 16-11-2024

Sample ID : 1124/ST10858

Fuel : -

STACK DETAILS :


Stack Height	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
-	-	-	6.80	65059

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	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note BDL - Below Detectable Limit

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


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Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010859F	Issue Date : 22-11-2024
ULR No : TC588524000010859F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-11-2024

Packing / Seal : Sealed

Sample Received Date : 15-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-11-2024

Date of Completion : 16-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10859

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	2.40	148

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	16.9	25	IS 11255 (Part 7) 2005

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Sweety Patel (Dy.TM)


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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005337/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-11-2024

Packing / Seal : Sealed

Sample Received Date : 15-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-11-2024

Date of Completion : 16-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10859

Duration Sampling : 30 min.

Fuel : -

STACK DETAILS :

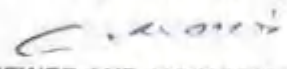
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	2.40	148

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	15.70	20	USEPA (Part-0050)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010860F	Issue Date : 22-11-2024
ULR No : TC588524000010860F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCNB Decomposition Stack	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-11-2024	Date of Completion : 16-11-2024	
Date of Starting of Test : 15-11-2024	Sample ID : 1124/ST10860	
Sampling Method : WI/ST/A	Fuel : -	
Duration Sampling : 30 min.		

STACK DETAILS :

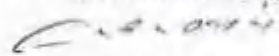
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.70	44

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Oxides of Nitrogen (as NO _x)	mg/Nm ³	23.4	25	IS-11255 (Part 7) 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005338/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCBH 2 scrubber	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-11-2024	Date of Completion : 16-11-2024	
Date of Starting of Test : 15-11-2024	Sample ID : 1124/ST10861	
Sampling Method : WI/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :


Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	2.20	134


RESULT TABLE

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

Note : BDL - Below Detectable Limit

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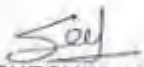
*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010862F	Issue Date : 22-11-2024			
ULR No : TC588524000010862F	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH Warehouse					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 14-11-2024	Packing / Seal : Sealed				
Sample Received Date : 15-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-11-2024	Date of Completion : 16-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10862				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature			
-	-	-			
	Velocity m/s	Flow Rate Nm ³ /hr			
	1.60	176			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	33.6	150	IS 11255 (Part-1) 1985

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Page 1 of 1


Test Report

Format No : QR/7.8/01	Test Report No : ETL/005486/24	Issue Date : 22-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH Warehouse					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 14-11-2024	Packing / Seal : Sealed				
Sample Received Date : 15-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-11-2024	Date of Completion : 16-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10862				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height	Stack Diameter	Stack Temperature			
-	-	-			
	Velocity m/s	Flow Rate Nm ³ /hr			
	1.60	176			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL - Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/005094/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCNB Distillation Scrubber	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-11-2024	Date of Completion : 16-11-2024	
Date of Starting of Test : 15-11-2024	Sample ID : 1124/ST10863	
Sampling Method : WI/ST/A	Fuel : -	
Duration Sampling : 60 min.		

STACK DETAILS :

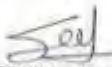
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.40	85

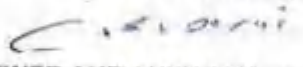
RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010864F	Issue Date : 22-11-2024
ULR No : TC588524000010864F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to HCl yard scrubber

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-11-2024

Packing / Seal : Sealed

Sample Received Date : 15-11-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-11-2024

Date of Completion : 16-11-2024

Sampling Method : WI/ST/A

Sample ID : 1124/ST10864

Duration Sampling : 60 min.

Fuel : -

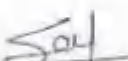
STACK DETAILS :

Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	0.80	49

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	30.8	40	IS 11255 (Part 2) 1985
2	Oxides of Nitrogen (as NO _x)	mg/Nm ³	19.8	25	IS 11255 (Part 7) 2005

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Page 1 of 1


Test Report

Format No : QR/7.8/01	Test Report No : ETL/001027/24	Issue Date : 22-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to HCl yard scrubber					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 14-11-2024	Packing / Seal : Sealed				
Sample Received Date : 15-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-11-2024	Date of Completion : 16-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10864				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter	Stack Temperature			
11	-	-			
Velocity m/s		Flow Rate Nm ³ /hr			
0.80		49			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL - Below Detectable Limit

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*** End of Report ***

Page 1 of 1


Test Report

Format No : QR/7.8/01	Test Report No : ETL/005096/24	Issue Date : 22-11-2024			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DCBH-4 Scrubber					
Sampling By : ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 14-11-2024	Packing / Seal : Sealed				
Sample Received Date : 15-11-2024	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 15-11-2024	Date of Completion : 16-11-2024				
Sampling Method : WI/ST/A	Sample ID : 1124/ST10865				
Duration Sampling : 60 min.	Fuel : -				
STACK DETAILS :					
Stack Height m	Stack Diameter	Stack Temperature			
11	-	-			
	Velocity m/s	Flow Rate Nm ³ /hr			
	0.90	56			
RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL - Below Detectable Limit


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005339/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DCBH-3 Scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 14-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-11-2024	Date of Completion	: 16-11-2024
Date of Starting of Test	: 15-11-2024	Sample ID	: 1124/ST10866
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 60 min.		


STACK DETAILS :

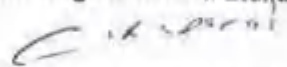
Stack Height m	Stack Diameter	Stack Temperature	Velocity m/s	Flow Rate Nm ³ /hr
11	-	-	1.60	98

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	9.40	20	USEPA (Part-0050)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009688F	Issue Date : 17-10-2024
ULR No : TC588524000009688F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad


Description of Sample : Stack attached to SFD Dryer	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 10-10-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-10-2024	Date of Completion : 12-10-2024
Date of Starting of Test : 11-10-2024	Sample ID : 1024/ST09688
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	67275	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	64.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.36	-	SOP No.WI/ST/10

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004851/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to SFD Dryer		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-10-2024	Packing / Seal : Sealed	
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09688	
Duration Sampling : 60 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
2	Methane (as CH ₄)	%	BDL(<0.1)	-	GC Method
3	Nitrous Oxide (N ₂ O)	ppm	BDL(<2.1)	-	GC Method
4	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
5	Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
6	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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(Signature)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009689F	Issue Date : 17-10-2024
ULR No : TC588524000009689F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09689

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	1.60	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	100	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	22.5	25	IS 11255 (Part 7) :2005

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(Signature)

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Environment,
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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004912/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to Reaction(Dizo) Vessels

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 10-10-2024	Packing / Seal : Sealed
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024
Sampling Method : WI/ST/A	Sample ID : 1024/ST09689
Duration Sampling : 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	12.80	20	USEPA (Part-0050)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009690F	Issue Date : 17-10-2024
ULR No : TC588524000009690F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Slack attached to DCNB Decomposition Stack

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 10-10-2024	Packing / Seal : Sealed
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024
Sampling Method : WI/ST/A	Sample ID : 1024/ST09690
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	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	50	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	20.5	25	IS 11255 (Part 7) :2005

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(Signature)

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Chintan Desai (TM)

(Signature)

CHECKED BY
Sweety Patel (Dy.TM)

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

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009691F	Issue Date : 17-10-2024
ULR No : TC588524000009691F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH 2 scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09691

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

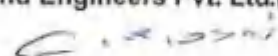
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	110	-	IS 11255 (Part-3):2008

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004913/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH 2 scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09691

Duration Sampling : 60 min.

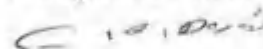
Fuel : -

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009692F	Issue Date : 17-10-2024
ULR No : TC588524000009692F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH Warehouse

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 10-10-2024

Sample Received Date : 11-10-2024

Date of Starting of Test : 11-10-2024

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 : 12-10-2024

Sample ID : 1024/ST09692

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.45	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	153	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	30.1	150	IS 11255 (Part-1):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/004852/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH Warehouse

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09692

Duration Sampling : 60 min.

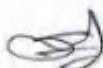
Fuel : -

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

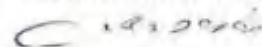
Note : BDL :- Below Detectable Limit

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009693F	Issue Date : 17-10-2024
ULR No : TC588524000009693F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCNB Distillation Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 10-10-2024	Packing / Seal : Sealed
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024
Sampling Method : WI/ST/A	Sample ID : 1024/ST09693
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.60	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	99	-	IS 11255 (Part-3):2008

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004730/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DCNB Distillation Scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-10-2024	Packing / Seal : Sealed	
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09693	
Duration Sampling : 60 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

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Page 1 of 1

Test Report


Format No : QR/7.8/01	Test Report No : TC588524000009694F	Issue Date : 17-10-2024
ULR No : TC588524000009694F	Discipline : Chemical	Group : Atmospheric Pollution

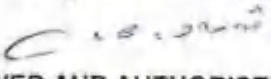
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to HCl yard scrubber		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-10-2024	Packing / Seal : Sealed	
Sample Received Date : 11-10-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-10-2024	Date of Completion : 12-10-2024	
Sampling Method : WI/ST/A	Sample ID : 1024/ST09694	
Duration Sampling : 60 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	0.70	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	43	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	28.8	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	16.4	25	IS 11255 (Part 7) :2005

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004731/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to HCl yard scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09694

Duration Sampling : 60 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

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009695F	Issue Date : 17-10-2024
ULR No : TC588524000009695F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad


Description of Sample : Stack attached to DCBH-4 Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 10-10-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-10-2024	Date of Completion : 12-10-2024
Date of Starting of Test : 11-10-2024	Sample ID : 1024/ST09695
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.00	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	63	-	IS 11255 (Part-3):2008

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004914/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-4 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09695

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

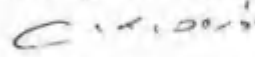
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	VOC	mg/Nm ³	BDL(<1)	-	SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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


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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009696F	Issue Date : 17-10-2024
ULR No : TC588524000009696F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-3 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09696

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.00	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	63	-	IS 11255 (Part-3):2008

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

C. H. Desai

REVIEWED AND AUTHORISED BY

Chintan Desai (TM)

Sweetie Patel

CHECKED BY

Sweetie Patel (Dy.TM)

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004915/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DCBH-3 Scrubber

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 12-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09696

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	8.20	20	USEPA (Part-0050)

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*** End of Report ***

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TEST REPORT

Test Report No.: EP/AILAL/0325/F01	Issue Date: 18 / 03 / 25
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Storage Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 10 / 03 / 25	Protocol (purpose)	: Fugitive emission
Sample Received Date	: 11 / 03 / 25	Sample ID	: 0325/F01
Date of Starting of Test	: 11 / 03 / 25		
Sampling Method	: SOP/EP/D		

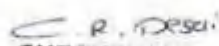
RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	2.2
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILAL/0325/F02	Issue Date: 18 / 03 / 25
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Plant Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 10 / 03 / 25	Protocol (purpose)	: Fugitive emission
Sample Received Date	: 11 / 03 / 25	Sample ID	: 0325/F02
Date of Starting of Test	: 11 / 03 / 25		
Sampling Method	: SOP/EP/D		

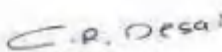
RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	$\mu\text{g}/\text{m}^3$	N.T
2.	Xylene	$\mu\text{g}/\text{m}^3$	N.T
3.	Acetone	$\mu\text{g}/\text{m}^3$	3.5
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

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TEST REPORT

Test Report No. EP/AILAL/0225/F01	Issue Date: 27 / 02 / 25
-----------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	Storage Area	Quantity/No. of Sample	1 / 1 No.
Sampling By	Mr Nikunj Vaghasiya	Packing/Seal	Sealed
Date of Sampling	20 / 02 / 25		
Sample Received Date	21 / 02 / 25	Protocol (purpose)	Fugitive emission
Date of Starting of Test	21 / 02 / 25	Sample ID	0225/F01
Sampling Method	SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	3.8
3.	Formaldehyde	µg/m ³	N.T

Note: N.T. Not Traceable

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TEST REPORT

Test Report No. EP/AILAL/0225/F02	Issue Date: 27 / 02 / 25
-----------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	Plant Area	Quantity/No. of Sample	1 / 1 No.
Sampling By	Mr Nikunj Vaghasiya	Packing/Seal	Sealed
Date of Sampling	20 / 02 / 25		
Sample Received Date	21 / 02 / 25	Protocol (purpose)	Fugitive emission
Date of Starting of Test	21 / 02 / 25	Sample ID	0225/F02
Sampling Method	SOPIEP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	$\mu\text{g}/\text{m}^3$	N.T
2.	Xylene	$\mu\text{g}/\text{m}^3$	N.T
3.	Acetone	$\mu\text{g}/\text{m}^3$	4.8
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

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

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

TEST REPORT

Test Report No.: EP/AILAL/0125/F01	Issue Date: 23 / 01 / 25
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Storage Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 16 / 01 / 25		
Sample Received Date	: 17 / 01 / 25	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 17 / 01 / 25	Sample ID	: 0125/F01
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	2.6
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

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

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

TEST REPORT

Test Report No.: EP/AILAL/0125/F02	Issue Date: 23 / 01 / 25
------------------------------------	--------------------------


Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Plant Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 16 / 01 / 25		
Sample Received Date	: 17 / 01 / 25	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 17 / 01 / 25	Sample ID	: 0125/F02
Sampling Method	: SOP/EP/D		


RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	$\mu\text{g}/\text{m}^3$	N.T
2.	Xylene	$\mu\text{g}/\text{m}^3$	N.T
3.	Acetone	$\mu\text{g}/\text{m}^3$	3.7
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

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TEST REPORT

Test Report No.: EP/AILAL/1224/F01	Issue Date: 23 / 12 / 24
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Storage Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 14 / 12 / 24		
Sample Received Date	: 16 / 12 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 16 / 12 / 24	Sample ID	: 1224/F01
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	3.2
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/1224/F02	Issue Date: 23 / 12 / 24
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Plant Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 14 / 12 / 24		
Sample Received Date	: 16 / 12 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 16 / 12 / 24	Sample ID	: 1224/F02
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	$\mu\text{g}/\text{m}^3$	N.T
2.	Xylene	$\mu\text{g}/\text{m}^3$	N.T
3.	Acetone	$\mu\text{g}/\text{m}^3$	4.0
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

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TEST REPORT

Test Report No.: EP/AILAL/1124/F01	Issue Date: 22 / 11 / 24
------------------------------------	--------------------------

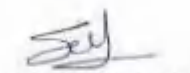
Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Storage Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 14 / 11 / 24		
Sample Received Date	: 15 / 11 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 15 / 11 / 24	Sample ID	: 1124/F01
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	3.6
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/1124/F02	Issue Date: 22 / 11 / 24
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Plant Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 14 / 11 / 24		
Sample Received Date	: 15 / 11 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 15 / 11 / 24	Sample ID	: 1124/F02
Sampling Method	: SOP/EP/D		

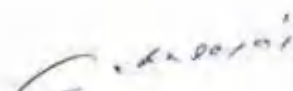
RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	µg/m ³	N.T
2.	Xylene	µg/m ³	N.T
3.	Acetone	µg/m ³	4.4
4.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable

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

TEST REPORT

Test Report No.: EP/AILAL/1024/F01	Issue Date: 17 / 10 / 24
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Storage Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 10 / 10 / 24		
Sample Received Date	: 11 / 10 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 11 / 10 / 24	Sample ID	: 1024/F01
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	µg/m ³	2.9
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

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C. K. D. V. T.

[Signature]

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

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

TEST REPORT

Test Report No.: EP/AILAL/1024/F02	Issue Date: 17 / 10 / 24
------------------------------------	--------------------------

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Sample	: Plant Area	Quantity/No. of Sample	: 1 / 1 No.
Sampling By	: Mr Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 10 / 10 / 24		
Sample Received Date	: 11 / 10 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 11 / 10 / 24	Sample ID	: 1024/F02
Sampling Method	: SOP/EP/D		

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	$\mu\text{g}/\text{m}^3$	N.T
2.	Xylene	$\mu\text{g}/\text{m}^3$	N.T
3.	Acetone	$\mu\text{g}/\text{m}^3$	3.8
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

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Test Report

Format No : QR/7.8/01	Test Report No : TC588525000002472F	Issue Date : 18-03-2025
ULR No : TC588525000002472F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-I	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 10-03-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-03-2025	Date of Completion : 13-03-2025
Date of Starting of Test : 11-03-2025	Sample ID : 0325/ST02472
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
17	0.35	142	7.20	1763

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	33.6	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	30.1	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/001527/25-	Issue Date : 18-03-2025			
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution			
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad					
Description of Sample : Stack attached to DG 750 KVA-I					
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.				
Date of Sampling : 10-03-2025	Packing / Seal : Sealed				
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis				
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025				
Sampling Method : WI/ST/A	Sample ID : 0325/ST02472				
Duration Sampling : 60 min.	Fuel : Diesel				
STACK DETAILS :					
Stack Height m	Stack Diameter m	Stack Temperature °C			
17	0.35	142			
	Velocity m/s	Flow Rate Nm³/hr			
	7.20	1763			
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


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 : TC588525000002473F	Issue Date : 18-03-2025
ULR No : TC588525000002473F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DG 750 KVA-II		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 10-03-2025	Packing / Seal : Sealed	
Sample Received Date : 11-03-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 11-03-2025	Date of Completion : 13-03-2025	
Sampling Method : WI/ST/A	Sample ID : 0325/ST02473	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

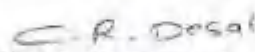
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	120	6.90	1786

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	73.6	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	27.5	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	24.4	50	IS 11255 (Part-7):2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001729F	Issue Date : 27-02-2025
ULR No : TC588525000001729F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -I	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 20-02-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-02-2025	Date of Completion : 22-02-2025
Date of Starting of Test : 21-02-2025	Sample ID : 0225/ST01729
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
17	0.35	146	7.00	1700

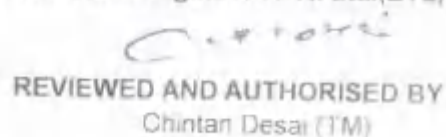
RESULT TABLE

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	29.0	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	34.1	50	IS 11255 (Part-7) 2005

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000001730F	Issue Date : 27-02-2025
ULR No : TC588525000001730F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -II

Sampling By : ENPRO Team-Mr Nikunj Vaghasiya

Date of Sampling : 20-02-2025

Sample Received Date : 21-02-2025

Date of Starting of Test : 21-02-2025

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 : 22-02-2025

Sample ID : 0225/ST01730

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	128	6.60	1680

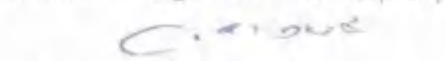
RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	60.4	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	24.5	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NOₓ)	ppm	28.9	50	IS 11255 (Part-7):2005

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000916/25-	Issue Date : 27-02-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No -902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -II

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No

Date of Sampling : 20-02-2025

Packing / Seal : Sealed

Sample Received Date : 21-02-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-02-2025

Date of Completion : 22-02-2025

Sampling Method : WI/ST/A

Sample ID : 0225/ST01730

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	128	6.60	1680

RESULT TABLE


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

Note : BDL > Below Detectable Limit

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000528F	Issue Date : 23-01-2025
ULR No : TC588525000000528F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -I

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-01-2025

Packing / Seal : Sealed

Sample Received Date : 17-01-2025

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-01-2025

Date of Completion : 20-01-2025

Sampling Method : W/ST/A

Sample ID : 0125/ST00528

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	142	7.40	1809

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	70.7	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO ₂)	ppm	32.4	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	25.1	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000276/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-I	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 16-01-2025	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-01-2025	Date of Completion : 20-01-2025
Date of Starting of Test : 17-01-2025	Sample ID : 0125/ST00528
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
17	0.35	142	7.40	1809

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Page 1 of 1



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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588525000000529F	Issue Date : 23-01-2025
ULR No : TC588525000000529F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DG 750 KVA-II		
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 16-01-2025	Packing / Seal : Sealed	
Sample Received Date : 17-01-2025	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 17-01-2025	Date of Completion : 20-01-2025	
Sampling Method : WI/ST/A	Sample ID : 0125/ST00529	
Duration Sampling : 60 min.	Fuel : Diesel	

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	136	6.20	1526

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	65.4	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	28.9	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	22.5	50	IS 11255 (Part-7):2005

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Page 1 of 1



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Environmental Testing Laboratory

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

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000265/25-	Issue Date : 23-01-2025
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-II

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Date of Sampling : 16-01-2025

Sample Received Date : 17-01-2025

Date of Starting of Test : 17-01-2025

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 : 20-01-2025

Sample ID : 0125/ST00529

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	136	6.20	1526

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012309F	Issue Date : 23-12-2024
ULR No : TC588524000012309F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -I

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 14-12-2024

Sample Received Date : 16-12-2024

Date of Starting of Test : 16-12-2024

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 : 18-12-2024

Sample ID : 1224/ST12309

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	126	7.20	1827

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	80.1	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO₂)	ppm	30.5	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO₂)	ppm	35.6	50	IS 11255 (Part-7):2005

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*** End of Report ***

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005916/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DG 750 KVA -I	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 14-12-2024	Packing / Seal : Sealed
Sample Received Date	: 16-12-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 16-12-2024	Date of Completion : 18-12-2024
Sampling Method	: WI/ST/A	Sample ID : 1224/ST12309
Duration Sampling	: 60 min.	Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	126	7.20	1827

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588524000012310F	Issue Date : 23-12-2024
ULR No : TC588524000012310F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-II

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12310

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	138	6.40	1581

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm ³	64.3	150	IS 11255 (Part-1):1985
2	Sulphur Dioxide (SO ₂)	ppm	26.7	100	IS 11255 (Part-2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	32.6	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/005917/24	Issue Date : 23-12-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -II

Sampling By : ENPRO Team-Mr.Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 14-12-2024

Packing / Seal : Sealed

Sample Received Date : 16-12-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 16-12-2024

Date of Completion : 18-12-2024

Sampling Method : WI/ST/A

Sample ID : 1224/ST12310

Duration Sampling : 60 min.

Fuel : Diesel

STACK DETAILS :

Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	138	6.40	1581

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010856F	Issue Date : 22-11-2024
ULR No : TC588524000010856F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Sample : Stack attached to DG 750 KVA-I	Qty / Nos of Sample : 1 / 1 No.	
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 14-11-2024	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-11-2024	Date of Completion : 16-11-2024	
Date of Starting of Test : 15-11-2024	Sample ID : 1124/ST10856	
Sampling Method : WI/ST/A	Fuel : Diesel	
Duration Sampling : 60 min.		

STACK DETAILS :

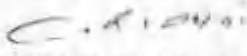
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	132	7.60	1912

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	76.3	150	IS 11255 (Part-1) 1985
2	Sulphur Dioxide (SO₂)	ppm	34.3	100	IS 11255 (Part-2) 1985
3	Oxides of Nitrogen (as NO₂)	ppm	29.6	50	IS 11255 (Part-7) 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/005484/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-I

Sampling By : ENPRO Team-Mr.Vihang Patel

Date of Sampling : 14-11-2024

Sample Received Date : 15-11-2024

Date of Starting of Test : 15-11-2024

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 : 16-11-2024

Sample ID : 1124/ST10856

Fuel : Diesel

STACK DETAILS :


Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm ³ /hr
17	0.35	132	7.60	1912

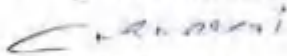
RESULT TABLE

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)


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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000010857F	Issue Date : 22-11-2024
ULR No : TC588524000010857F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DG 750 KVA-II	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 14-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-11-2024	Date of Completion	: 16-11-2024
Date of Starting of Test	: 15-11-2024	Sample ID	: 1124/ST10857
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
17	0.35	140	6.20	1573

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM)	mg/Nm³	59.7	150	IS 11255 (Part-1) 1985
2	Sulphur Dioxide (SO₂)	ppm	30.8	100	IS 11255 (Part-2) 1985
3	Oxides of Nitrogen (as NO₂)	ppm	23.9	50	IS 11255 (Part-7) 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001087/24	Issue Date : 22-11-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to DG 750 KVA -II	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: ENPRO Team-Mr.Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 14-11-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-11-2024	Date of Completion	: 16-11-2024
Date of Starting of Test	: 15-11-2024	Sample ID	: 1124/ST10857
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60 min.		

STACK DETAILS :

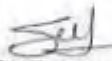
Stack Height m	Stack Diameter m	Stack Temperature °C	Velocity m/s	Flow Rate Nm³/hr
17	0.35	140	6.20	1573

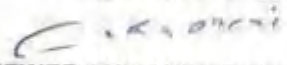
RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009686F	Issue Date : 17-10-2024
ULR No : TC588524000009686F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

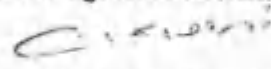
Description of Sample : Stack attached to DG 750 KVA-I	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 10-10-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-10-2024	Date of Completion : 16-10-2024
Date of Starting of Test : 11-10-2024	Sample ID : 1024/ST09686
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 Height	m	17	-	-
2	Stack Diameter	m	0.35	-	-
3	Stack Temperature	°C	146	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1724	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	86.4	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	28.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	32.6	50	IS 11255 (Part-7):2005

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004672/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -I

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 16-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09686

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)



REVIEWED AND AUTHORISED BY
Chintan Desai (TM)



CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000009687F	Issue Date : 17-10-2024
ULR No : TC588524000009687F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**

Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA-II

Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 10-10-2024

Packing / Seal : Sealed

Sample Received Date : 11-10-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 11-10-2024

Date of Completion : 16-10-2024

Sampling Method : WI/ST/A

Sample ID : 1024/ST09687

Duration Sampling : 60 min.

Fuel : Diesel

RESULT TABLE

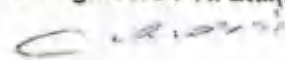
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	17	-	-
2	Stack Diameter	m	0.35	-	-
3	Stack Temperature	°C	128	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.60	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1659	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	62.4	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	25.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	30.7	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/004868/24	Issue Date : 17-10-2024
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to DG 750 KVA -II		Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Nikunj Vaghasiya		Packing / Seal : Sealed
Date of Sampling : 10-10-2024		Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 11-10-2024		Date of Completion : 16-10-2024
Date of Starting of Test : 11-10-2024		Sample ID : 1024/ST09687
Sampling Method : WI/ST/A		Fuel : Diesel
Duration Sampling : 60 min.		

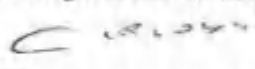
RESULT TABLE

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

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

OFFICE OF THE DEPUTY EXECUTIVE ENGINEER
PLOT NO. C/5/ 101, ADMINISTRATIVE OFFICE BUILDING, NEAR TELEPHONE EXCHANGE,
GIDC CHAR RASTA VAPI - 396195.
☎ 0260 2432501, 070 FAX No. 0260- 2420502

No:GIDC/DEE(DRN)/VPI/ 62968


Date :- 02/11/2018

✓ To,
M/s Aarti Industries Ltd
Plot No. 902, Phase-3,
GIDC, Vapi.

Reference: - Panchnama dtd 30/10/2018.

CERTIFICATE FOR DISCONNECTION OF DRAINAGE CONNECTION

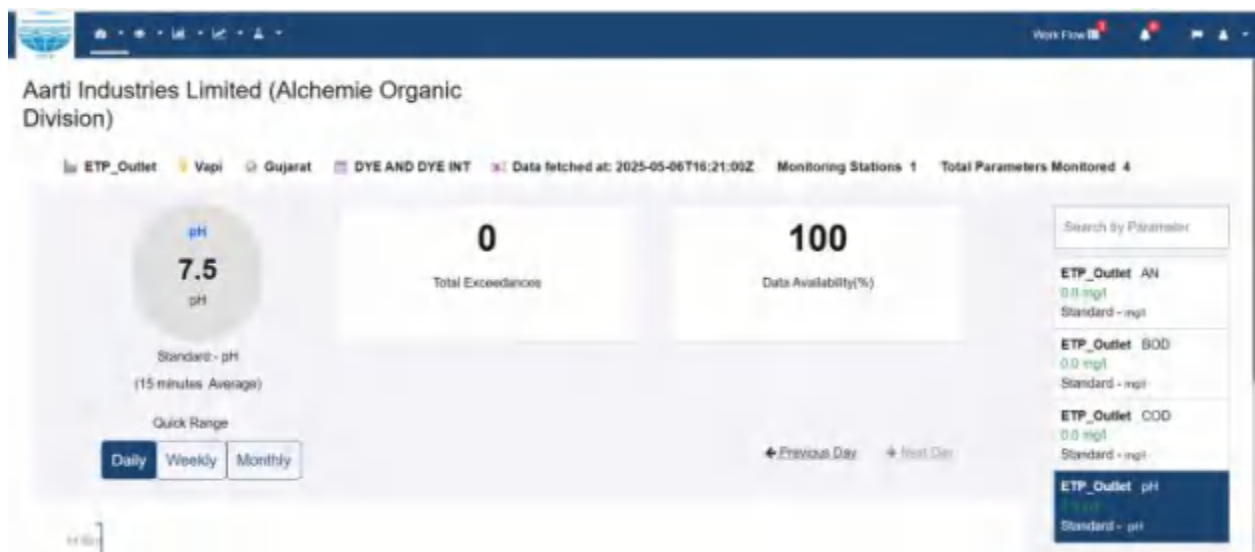
This is to certify that the drainage connection of M/s Aarti Industries Ltd. Plot No. 902 is disconnected on dtd 30/10/2018 on request of party.


I/c Dy. Ex. Engineer (DRN)
GIDC, Vapi.

OCEMS connection to CPCB



OCEMS connection to GPCB



DATE: 18.04.2023

**TO,
AARTI INDUSTRIES LTD (ALCHEMIE ORGANICS DIVISION)
PLOT NO.902,3RD PHASE G.I.D.C
VAPI GUJARAT**

Sub.:- Membership Certificate of M/s. RSPL (AFRF) at Panoli.

Dear Sir,

We are enclosing here with below mentioned documents which completes the registration process of your esteemed origination with us.

- 1.Membership Certificate in Original**
- 2. Agreement Copy**

Please note that your certificate no. mentioned on your certificate is your reference no. at our facility. Please the same may be used for any correspondence in future.

Thanking you & assuring you of our best services in interest of providing sustainable environment.

Thanking You.

Yours truly,

For Recycling Solutions Pvt. Ltd

**Rodrigues
Kevin**

Digitally signed by Rodrigues
Kevin
Reason: I am the author of this
document
Date: 2023-04-18 16:26:05:50

Authorized Signatory



Certificate

Certificate No.: 1200000013

To Whomsoever it may concern

This is to certify that

AARTI IND LTD. (ALCHEMIE ORG DIV)

PLOT NO - 902,
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 : 05.06.2020

For, Saurashtra Enviro Projects Pvt. Ltd.

Date of Expiration : 04.06.2025

Place of Issue : Surat

Director

SUBJECT TO SURAT JURISDICTION



DETOX INDIA
operated by **VEOLIA**

"Certificate"

Certificate No.:100210

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD. (ALCHEMIE ORGANIC DIV.)

**PLOT NO - 902, 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-393 002 (GUJ) INDIA

Ph. : +91 261 2351248, 2346181, E-mail : sepl.magnad@gmail.com | CIN : U51101GJ2015PTC0083237



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

13th April, 2018

Aarti Industries Ltd. (Alchemie Organics Div.)

Plot No.902,
3rd Phase,
GIDC Estate,
Vapi.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility developed by Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar and Dahej. You have booked solid waste quantity of **25 MT/year**. You have also paid your capacity commitment charges. Your Membership No. is **Oth/323**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,

For, BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

DATE 11/06/2013

To,
Aarti Industries Ltd.
Plot No.902,
3RD Phase, GIDC,
Vapi.

Sub : Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar. You have booked quantity of 10 MT/Year. You have paid Registration fees for common incinerator membership. Your Membership No. is CL0BD/114.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you.

Yours faithfully,

For **BHARUCH ENVIRO INFRASTRUCTURE LTD.**

AUTHORISED SIGNATORY



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

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

दूरभाष/Phone/Fax No : 0265 - 2361035

दि/Date : 07/08/2023

सं/No : G/WB/GJ/06/353(G47482)

सेवा में/To,

M/s. Aarti Industries Limited (Alchemie Organics Div.),
Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D,
Village/Town: GIDC Vapi,
City: Vapi,
Taluka: Vapi,
District: VALSAD
State: Gujarat
Pin : 396195

विषय/Sub Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में HYDROGEN गैस का भंडारण- गैस सिलेंडर नियम, 2016 के अंतर्गत नवीकरण के बारे में/Storage of HYDROGEN gas in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - under Gas Cylinders Rules, 2016 - Renewal regarding.

Sir(s),

कृपया आपके दि. 05/08/2023 के आवेदन सं. OIN1420571 का संदर्भ ग्रहण करें/Please refer to your application No.OIN1420571 dated 05/08/2023 .

30th September 2033 तक विधिमाम्य अनुज्ञप्ति संख्या G/WB/GJ/06/353 इसके साथ नवीकरण कर अग्रेषित की जा रही है/ Licence Number: G/WB/GJ/06/353 is renewed and valid upto 30th September 2033 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 2033 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2033 के पश्चात परंतु दिनांक 30 सितम्बर 2034 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा। दिनांक 30 सितम्बर 2034 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, 2033) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2033 but not later than 30th September, 2034 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, 2034.

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/Vadodara

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



फार्म फ / FORM F

नियम 50, 51 और 54 देखें / (See Rules 50, 51 and 54)
Licence to store compressed gas in cylinders

अनुज्ञापि संख्या/ Licence No. : G/WB/GJ/06/353(G47482)

वार्षिक शुल्क रु/Fee Rs. 8000/- per year

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या G/WB/GJ/06/353(G47482) dated 08/02/2019 में दर्शित किए गए अनुज्ञप्त परिसर 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 सिलिंडरों को रखने के लिए ही विविध अनुज्ञप्ति दी जाती है।

Licence is hereby granted to M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WB/GJ/06/353(G47482) dated 08/02/2019 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 2033 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2033.

For Jt. Chief Controller of Explosives
Vadodara
कृत संयुक्त मुख्य विस्फोटक नियंत्रक
वडोदरा

February 8, 2019

अनुज्ञप्त परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार सिलिंडरों में भरी गैस रखने के लिए अनुज्ञप्त परिसर, जिसकी अभिव्यास सोमाओं और अन्य विशिष्टियों की संलग्न अनुमोदित रेखांक सं G/WB/GJ/06/353 dated February 8, 2019 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/WB/GJ/06/353 dated February 8, 2019 are situated at GIDC Vapi 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) विषैला / Toxic	--NIL--
b) गैर विषैला और गैर ज्वलनशील / Non-Toxic and Non Flammable	--NIL--
c) गैर विषैला और ज्वलनशील / Non-Toxic and Flammable	HYDROGEN - 912 Nos.
d) घुलित एसिटिलीन गैस / Dissolved Acetylene Gas	--NIL--
e) एलपीजी के अलावा गैर विषैला और ज्वलनशील द्रवित गैस / Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f) एलपीजी / Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या Plot No : 902, 923 & 930 गली का नाम गांव : GIDC Vapi या नगर पुलिस थाना : GIDC Vapi जिला : VALSAD, राज्य : Gujarat.
/ and is situated at Plot No : 902, 923 & 930 Village/Town : GIDC Vapi Police Station : GIDC Vapi District : VALSAD, State: Gujarat.

नवीकरण के पृष्ठांकन 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
07/08/2023	30/09/2033	Tejveer Singh DCE For Jt. Chief Controller of Explosives Vadodara

यदि अनुज्ञप्त परिसर इससे उपबद्ध 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 दो वर्ष तक की हो सकती है, 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.

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



भारत सरकार / Government of India
 वाणिज्य और उद्योग मंत्रालय / Ministry of Commerce & Industry
 पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन / Petroleum & Explosives Safety Organisation (PESO)
 आठवीं मंजिल, यश कमल बिल्डिंग, सायाजी गंज
 वडोदरा- 390020
 8th Floor, Yash Kamal Building, Sayajigunj, Vadodara - 390020

ईमेल /E-mail : dyccebaroda@explosives.gov.in

दूरभाष /Phone/Fax No : 0265 - 2225159

दि/ Dated : 12/02/2019

सं /No : G/WB/GJ/06/353(G47482)

सेवा में /To,

M/s. Aarti Industries Limited (Alchemie Organics Div.),
 Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D,
 Village/Town: GIDC Vapi,
 City: Vapi,
 Taluka: Vapi,
 District: VALSAD
 State: Gujarat
 Pin : 396195

13 FEB 2019

विषय /Sub: Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में HYDROGEN गैस का भंडारण- गैस सिलेंडर नियम, 2016 के फॉर्म एफ के अंतर्गत - निरीक्षण एवं अनुमति का पृष्ठांकन करने के बारे में/Storage of HYDROGEN in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - cover under Licence G/WB/GJ/06/353(G47482) granted in Form F of Gas Cylinders Rules, 2016 - Inspection & Endorsement of licence regarding.

महोदय/Sir
 (),

कृपया इस कार्यालय के दि. 08/02/2019 के ज्ञापन सं G/WB/GJ/06/353(G47482) और दि. 12/01/2019 को उपरोक्त परिसर का अधोहस्ताक्षरकृत/ इस कार्यालय के अधिकारी द्वारा की गई निरीक्षण का अवलोकन करें/ Please refer to the this office Memo No : G/WB/GJ/06/353(G47482) dated 08/02/2019 and inspection of the above premises by the undersigned /an officer of this office on 12/01/2019

The subject licence is returned herewith duly endorsed. The receipt of the licence may please be acknowledged.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुमति के पुनः नवीकरण हेतु आवेदन this office कार्यालय को इस अनुमति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2023 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2023 के पश्चात परंतु दिनांक 30 सितम्बर 2024 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा। दिनांक 30 सितम्बर 2024 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुमति स्वतः निरस्त हो जाएगी। /Please note that your application for further renewal should reach this office on or before 30th September, 2023 along with all the documents as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2023 but not later than 30th September, 2024 be considered only with penalty fee vide rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, 2024.

भवदीय /Yours faithfully,

(संजय कुमार)
 (Sanjay Kumar)
 विस्फोटक नियंत्रक

Controller of Explosives
 कृते उप मुख्य विस्फोटक नियंत्रक
 For Dy. Chief Controller of Explosives
 वडोदरा/Vadodara

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



भारत सरकार /Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO)
आठवीं मंजिल, यश कमल बिल्डिंग, सायाजी गंज
वडोदरा - 390020
8th Floor, Yash Kamal Building, Sayajigunj, Vadodara - 390020

ईमेल /E-mail : dyccebaroda@explosives.gov.in

दूरभाष/Phone/Fax No : 0265 - 2225159

तारीख/Dated : 08/02/2019

सं /No : G/WB/GJ/06/353(G47482)

सेवा में/ To,

M/s. Aarti Industries Limited (Alchemie Organics Div.),
Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D,
Village/Town: GIDC Vapi,
City: Vapi,
Taluka: Vapi,
District: VALSAD
State: Gujarat
Pin : 396195

विषय /Sub : Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में HYDROGEN गैस का भंडारण- गैस सिलेंडर नियम, 2016 के अंतर्गत अनुमति जारी करने के बारे में/Storage of HYDROGEN gas in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - under Gas Cylinders Rules, 2016 - Grant of licence regarding.

महोदय/Sir
(s),

कृपया आपके दि 30/01/2019 के आवेदन सं. nil का संदर्भ ग्रहण करें/Please refer to your application No. nil dated 30/01/2019.

गैस सिलेंडर नियम, 2016 के फार्म 'एफ' में अनुमति हेतु प्राप्त दस्तावेज प्रक्रियाधीन हैं। आपसे अनुरोध है कि इस पत्र के तारीख से 21 दिनों के भीतर प्रस्तावित गैस सिलेंडर भंडारण शेड के निरीक्षण के लिए आप इस कार्यालय को दस्तावेज की प्रति के साथ संपर्क करें।
I/The documents received for Grant of license in Form F of Gas Cylinders Rules, 2016 are under process. You are advised to approach this office for inspection of your proposed gas cylinders storage shed within 21 days from date of this letter.

कृपया ध्यान दें कि आपके गैस सिलेंडर भंडारण शेड के निरीक्षण के पश्चात एवं भंडारण शेड के निर्माण के लिए आप को जारी किए गए पूर्व अनुमोदन की सभी शर्तों के अनुपालन के पश्चात अनुमति जारी करने पर विचार किया जाएगा।/ Please note that grant of license shall only be considered after inspection of your gas cylinders storage shed and compliance of all the conditions of prior approval granted to you for construction of the storage shed.

कृपया इस पत्र की प्राप्ति की पायती दें।/Please acknowledge the receipt of the same.

भवदीय /Yours faithfully,

((संजय कुमार)
(Sanjay Kumar))

विस्फोटक नियंत्रक

Controller of Explosives

कृते उप मुख्य विस्फोटक नियंत्रक

For Dy. Chief Controller of Explosives

वडोदरा/Vadodara

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



अनुज्ञप्ति संख्या/ Licence No. : G/WB/GJ/06/353(G47482)

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D. Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या G/WB/GJ/06/353

(G47482) dated 08/02/2019 में दर्शित किए गए अनुज्ञप्ति परिसर 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 सिलिंडरों को रखने के लिए ही

विधिमान्य अनुज्ञप्ति दी जाती है। /

Licence is hereby granted to M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D. Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WB/GJ/06/353(G47482) dated 08/02/2019 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 2023 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2023.For Dy. Chief Controller of Explosives
Vadodra

February 8, 2019

उप मुख्य विस्फोटक नियंत्रक
वडोदरा

अनुज्ञप्ति परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निम्नलिखित विवरण के अनुसार सिलिंडरों में भरी गैस रखने के लिए अनुज्ञप्ति परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशेषताओं को सलग अनुमोदित रेखांक सं G/WB/GJ/06/353 dated February 8, 2019 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/WB/GJ/06/353 dated February 8, 2019 are situated at GIDC Vapi 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	--NIL--
b) गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	--NIL--
c) गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	HYDROGEN - 912 Nos.
d) घुलित एसिटिलीन गैस Dissolved Acetylene Gas	--NIL--
e) एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f) एलपीजी/ Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या PlotNo : 902, 923 & 930 गली का नाम गांव : GIDC Vapi या नगर पुलिस थाना : GIDC Vapi जिला : VALSAD, राज्य : Gujarat.

/ and is situated at PlotNo : 902, 923 & 930 Village/Town : GIDC Vapi Police Station : GIDC Vapi District : VALSAD, State: Gujarat.

नवीकरण के प्रमाणन 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
नवीकृत किया जाएगा /This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence		

यदि अनुज्ञप्ति परिसर इससे उपाध विवरण की शर्तों के अनुसार नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति दी गई है, उनमें से किसी एक उल्लंघन होता है तो यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति को धारक का वापस ले, जिसकी संपत्ति हो गई है, की जा सकती है, या जुर्माने से, जो तीन हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय हो जाएगा। / 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 conditions and provisions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the

गैस सिलेंडर नियम, 2016 के अधीन विषाक्त गैस कंटेनरों / सिलेंडर के भरण एवं भंडारण के लिए अतिरिक्त शर्तें/ADDITIONAL CONDITIONS FOR FILLING AND OR STORAGE OF TOXIC GASES CONTAINERS/CYLINDERS UNDER GAS CYLINDER 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 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.
 - 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.
 - 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.
 - परिसर में कम से कम दो आत्म निहित श्वास तंत्र (सेल्फ कंटेनड ब्रीदिंग अपरेटस) और दो कनस्टर प्रकार के गैस मास्क सहज 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.
 - 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.
 - हवा की दिशा निर्धारित करने के लिए उपयुक्त स्थान पर एक वातदिग्दर्शक-मुर्ग उपलब्ध कराया 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.
 - अनुमतिधारी 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 रिसाव 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.
 - संबंध के बंद होने/लोक-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.
 - 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.
 - 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 Dy. Chief Controller of Explosives
Vadodara

कृते उप मुख्य विस्फोटक नियंत्रक
उप मुख्य विस्फोटक नियंत्रक, वाडोदरा
DY. CHIEF CONTROLLER OF EXPLOSIVES, VADODARA

AARTI INDUSTRIES LTD. - Alchemie Organics Division

Fire and Safety Equipment		
Sr. No.	Description	Alchemie, Vapi
2	Main Electrical Pump-1 Capacity (M3/hr.)	137
3	Main Electrical Pump-2 Capacity (M3/hr.)	15
4	Jockey Pump-1 Capacity (M3/hr.) (Old)	10
5	Hydrant Ring Main line Size (in inches)	6"+ 8"
7	Fixed Foam Monitors (Nos.)	8
8	Fixed Water Monitors (Nos.)	1
9	Mobile Foam Trolleys (Nos.)	2
10	Foam Nozzle (Nos.)	12
11	Fire Jet Nozzles (Nos.)	27
12	Fog nozzles / TP nozzle (Nos.)	7
13	Gun pattern branch	2
14	Mayur Water Curtains (Nos.)	1
15	Hose Boxes (Nos.)	80
16	Fire Hoses (Nos.)	95 Nos -15 Mtr 15Nos -7.5 Mtr
17	Hose Reels with nozzles (Nos.)	14
18	Water Sprinklers on flammable storages (Nos.)	3
19	Water Sprinklers on explosive storages (Nos.)	1
20	Smoke detectors in Plant (Zone 1 & 2 area) (Nos.)	3
21	Smoke detectors in Administrative offices (Nos.)	1
22	Foam for hydrants (in Lit.)	6100
23	Foam Trolley	2
24	Safety Showers with eye washes (Nos.)	36
25	Sand Bucket Stand (5 nos. Sand buckets in each)	15
26	Sand pits with loose and dry sand (Nos.)	2

27	Hydrated lime for emergency use (MT)	5
28	Fire Blankets (Nos.)	8
31	Duck Ladders (sets.)	3
32	Nylon Nets (Nos.)	2
33	Safety Kits (containing PPEs.) in plants	5
35	Fire Proxy Suits	4
36	Self Contained Breathing Apparatus Sets (Nos.)	15
37	Spare filled Cylinders for SCBA (Nos.)	12
38	ELSA set	6
39	ABC type (Stored pressure) Fire extinguishers (Nos.)	145
41	Mechanical Foam fire extinguishers (Nos.)	21
42	CO2 type fire extinguishers (Nos.)	125
43	Cartridge Masks (Nos.)	20
44	Spare PVC Suits (sets)	4
45	Spare PVC gumboots (No. of Pairs)	20-Store
46	Spare Safety Goggle (Nos.)	15-Safety office
47	Spare PVC Hand gloves (pairs)	35-Safety office
48	Kevlar Hand Gloves for high temperature (pairs)	10-Safety office
49	Asbestos hand gloves (pairs)	---
51	First Aid Box & Nos.	18
53	Emergency Siren (Nos.)	2
83	Fireman Axe	2
84	Fire Helmet	2

Name: AARTI INDUSTRIES LIMITED (ALCHEMIE ORGANICS DIVISION), **PCB ID-** 22980
Address: PLOT NO. 902, 923, 927, 930 PHASE-III, GIDC ESTATE , VAPI-396195, TAL: PARDI, DIST: VALSAD.
Consent No: AWH-123323, **DATE OF ISSUE:** 19/12/2023, **Validity:** 30/09/2029.

SR. NO.	CONDITIONS	COMPLIANCE																																																																											
1.	Consent Order No.: AWH-123323 Date of issue:19.12.2022.																																																																												
2.	<p>The consents shall be valid up to 30/09/2029 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:</p> <table><tr><th>Sr. No.</th><th>Name of Products</th><th>Proposed production Capacity (MT/Year)</th></tr><tr><td>1.</td><td colspan="2">Hydrogenation</td></tr><tr><td>1.1</td><td>DCBH (Di chloro Benzene hydro Chloride)</td><td rowspan="5">7800</td></tr><tr><td>1.2</td><td>1,3 D.F.B (Di fluoro benzene)</td></tr><tr><td>1.3</td><td>3,5/2,6 DFA (Di fluoro Aniline)</td></tr><tr><td>1.4</td><td>OT Base</td></tr><tr><td>1.5</td><td>Di Anisidine</td></tr><tr><td>1.6</td><td>Ortho Toluene</td><td>87</td></tr><tr><td>1.7</td><td>Ortho Anisidine</td><td>87</td></tr><tr><td>1.8</td><td>Ortho Chloro Aniline</td><td>975</td></tr><tr><td>2</td><td colspan="2">Diazotization</td></tr><tr><td>2.1</td><td>2,3/2,5 DCP (Di Chloro Phenol)</td><td rowspan="4">2400</td></tr><tr><td>2.2</td><td>3,5 Di Chloro Nitro Benzene</td></tr><tr><td>2.3</td><td>1,3,5 TCB</td></tr><tr><td>2.4</td><td>Para Fluoro Phenol (PFP)</td></tr><tr><td>3</td><td colspan="2">Bromination</td></tr><tr><td>3.1</td><td>3,4,5 Tri Fluoro Bromo Benzene</td><td rowspan="3">1000</td></tr><tr><td>3.2</td><td>2 Bromo 4 Flouro Acetanilide</td></tr><tr><td>3.3</td><td>Di Chloro Bromo Benzene</td></tr><tr><td>4</td><td colspan="2">Condensation</td></tr><tr><td>4.1</td><td>Quinalphose (TECH) (Diethyl 2-Hydroxy Thiophosphoryl Chloride)</td><td>600</td></tr><tr><td>5</td><td>Para Fluoro Anisol</td><td>200</td></tr><tr><td>6</td><td colspan="2">Hydrolysis</td></tr><tr><td>6.1</td><td>4 CAP</td><td rowspan="3">200</td></tr><tr><td>6.2</td><td>2 CAP</td></tr><tr><td>6.3</td><td>2,3,4 TFA</td></tr><tr><td>7</td><td colspan="2">Chlorination</td></tr><tr><td>7.1</td><td>2,6 DCPNA</td><td rowspan="2">4000</td></tr><tr><td>7.2</td><td>2,4,6 TCA</td></tr></table>	Sr. No.	Name of Products	Proposed production Capacity (MT/Year)	1.	Hydrogenation		1.1	DCBH (Di chloro Benzene hydro Chloride)	7800	1.2	1,3 D.F.B (Di fluoro benzene)	1.3	3,5/2,6 DFA (Di fluoro Aniline)	1.4	OT Base	1.5	Di Anisidine	1.6	Ortho Toluene	87	1.7	Ortho Anisidine	87	1.8	Ortho Chloro Aniline	975	2	Diazotization		2.1	2,3/2,5 DCP (Di Chloro Phenol)	2400	2.2	3,5 Di Chloro Nitro Benzene	2.3	1,3,5 TCB	2.4	Para Fluoro Phenol (PFP)	3	Bromination		3.1	3,4,5 Tri Fluoro Bromo Benzene	1000	3.2	2 Bromo 4 Flouro Acetanilide	3.3	Di Chloro Bromo Benzene	4	Condensation		4.1	Quinalphose (TECH) (Diethyl 2-Hydroxy Thiophosphoryl Chloride)	600	5	Para Fluoro Anisol	200	6	Hydrolysis		6.1	4 CAP	200	6.2	2 CAP	6.3	2,3,4 TFA	7	Chlorination		7.1	2,6 DCPNA	4000	7.2	2,4,6 TCA	<p>Complied.</p> <p>Unit is ensuring that Product and production quantities are well within the consented quantities.</p> <p>Production details are attached as EC compliance Annexure no 1</p>
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3.	CONDITIONS UNDER WATER (PREVENTION AND CONTROL OF POLLUTION) ACT 1974 :																																																																												
3.1	<p>The quantity of total fresh water consumption shall not exceed 917 KLD (Fresh : 599 + Recycle : 318 KLD) as per break up mentioned in form D submitted for consent application under Water (Prevention and Control of Pollution) Act-1974.</p> <p>a. Industrial : 817 KLD</p> <p>b. Domestic : 70 KLD</p> <p>c. Gardening : 30 KLD</p>	<p>Complied.</p> <p>Water Consumption is well within Limit.</p> <table><tr><th colspan="4">Fresh water consumption Oct-24 to March-25</th></tr><tr><th>Month</th><th>Avg fresh</th><th>Avg</th><th>Avg Total</th></tr></table>	Fresh water consumption Oct-24 to March-25				Month	Avg fresh	Avg	Avg Total																																																																			
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	Sr. No.	Fuel	Stack Height in Meter	Air Pollution Control System	Parameter	Permissible Limit	Unit has Installed 2 nos of 750 KVA DG Set and Flue Gas emission is well within the consented quantities. Same has been monitored by the MOEF/NABL approved third party M/S Enpro Enviro-tech and Engineers Pvt. Ltd. Surat. Report of the same is attached here																																																																					
	1.	Diesel for D.G set (450 KVA)	11	Acoustic closure	PM So2 Nox	150 mg/Nm3 100 ppm 50 ppm																																																																						
	2.	Diesel for D.G set (750 KVA)	11	Acoustic closure																																																																								
	3.	Diesel for D.G set (750 KVA)	11	Acoustic closure																																																																								
							<table><tr><th colspan="5">DG sets</th></tr><tr><th>Month</th><th>DG Set</th><th>PM in mg/Nm³</th><th>SOx in ppm</th><th>NOx in ppm</th></tr><tr><td colspan="2">GPCB Limit</td><td>150</td><td>100</td><td>50</td></tr><tr><td rowspan="2">Oct/24</td><td>DG set 750 KVA - I</td><td>86.4</td><td>28.3</td><td>32.6</td></tr><tr><td>DG set 750 KVA - II</td><td>62.4</td><td>25.1</td><td>30.7</td></tr><tr><td rowspan="2">Nov/24</td><td>DG set 750 KVA - I</td><td>76.3</td><td>34.3</td><td>29.6</td></tr><tr><td>DG set 750 KVA - II</td><td>59.7</td><td>30.8</td><td>23.9</td></tr><tr><td rowspan="2">Dec/24</td><td>DG set 750 KVA - I</td><td>80.1</td><td>30.45</td><td>35.6</td></tr><tr><td>DG set 750 KVA - II</td><td>64.3</td><td>26.3</td><td>32.6</td></tr><tr><td rowspan="2">Jan/25</td><td>DG set 750 KVA - I</td><td>70.7</td><td>32.4</td><td>25.1</td></tr><tr><td>DG set 750 KVA - II</td><td>65.4</td><td>28.9</td><td>22.5</td></tr><tr><td rowspan="2">Feb/25</td><td>DG set 750 KVA - I</td><td>78.3</td><td>29</td><td>34.1</td></tr><tr><td>DG set 750 KVA - II</td><td>60.4</td><td>24.5</td><td>28.9</td></tr><tr><td rowspan="2">Mar/25</td><td>DG set 750 KVA - I</td><td>69.3</td><td>33.5</td><td>30.1</td></tr><tr><td>DG set 750 KVA - II</td><td>73.6</td><td>27.5</td><td>24.4</td></tr></table>	DG sets					Month	DG Set	PM in mg/Nm³	SOx in ppm	NOx in ppm	GPCB Limit		150	100	50	Oct/24	DG set 750 KVA - I	86.4	28.3	32.6	DG set 750 KVA - II	62.4	25.1	30.7	Nov/24	DG set 750 KVA - I	76.3	34.3	29.6	DG set 750 KVA - II	59.7	30.8	23.9	Dec/24	DG set 750 KVA - I	80.1	30.45	35.6	DG set 750 KVA - II	64.3	26.3	32.6	Jan/25	DG set 750 KVA - I	70.7	32.4	25.1	DG set 750 KVA - II	65.4	28.9	22.5	Feb/25	DG set 750 KVA - I	78.3	29	34.1	DG set 750 KVA - II	60.4	24.5	28.9	Mar/25	DG set 750 KVA - I	69.3	33.5	30.1	DG set 750 KVA - II	73.6	27.5	24.4
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4.3	The process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards:						Complied. Process gas Parameters is well within the consented limit & Adequate stake height is provided as per consent.																																																																					
	Stack No.	Stack attached to	Stack height	Air Pollution	Parameter	Permissible Limit																																																																						

				Control system			Monitoring is being done on a Monthly basis by MOEF/NABL approved Laboratory M/S Enpro envirotech and Engineers Pvt. Ltd. - Surat. Report of the same is attached
	1.	Chlorinator	11 m	Water Scrubber + Alkali Scrubber	Cl2 HCL	09 Mg.Nm3 20 Mg/Nm3	
	2.	SFD Dryer	11 m	Water Scrubber	PM	150 Mg/Nm3	
	3.	Reaction (Daizo) Vessels	11m	Water Scrubber + Alkali Scrubber	Nox HCL	25 Mg.Nm3 20 Mg/Nm3	
	4.	Reactor of 2-Bromo 4 Fluoro acetanilide Di Chloro Bromo Benzene	16 m	Water scrubber followed by alkali Scrubber	Br2 HBr	09 mg/NM ³ 20 mg/NM ³	
	5.	DCNB Decomposition	11m	3 Stage Water Scrubber + Alkali Scrubber	Nox	25 Mg.Nm3	
	6.	DCBH - 3 Scrubber	11 m	Alkali Scrubber	HCL	20 Mg/Nm3	
	7.	Additional 5 Scrubber	11 m	Carbon Tower + Water Scrubber	VOC	—	
4.4	The concentration of the following substances in the ambient air within the premises of the industry and it 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 levels:						Complied. Parameters of Ambient air quality are within permissible limits. Monitoring is being done as per NAAQS standards by MOEF NABL approved Laboratory M/S Enpro envirotech and Engineers Pvt. Ltd. - Surat. Report of the Same is attached as annexure no -11
	Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/M3			
	1.	Sulphur Dioxide (SO2)	Annual 24 Hours	50 80			
	2.	Nitrogen Dioxide (NO2)	Annual 24 Hours	40 80			
	3.	Particulate Matter (Size less than 10 pm)OR PMro	Annual 24 Hours	60 100			

	4.	Particulate Matter (Size less than 2.5 pm)OR PMzs	Annual 24 Hours	40 60	
	5.	Carbon Monoxide (CO) mg/m"	8 Hours 1 Hours	02 04	
4.5	All measures for the control of environmental pollutant shall be provided before commencing production.				Noted and Complied.
5.	GENERAL CONDITION:				
5.1	Any change in personnel, Equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.				Noted.
5.2	Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules – 2016. (Solid waste as defined in Rule 3 (46))				Complied. Unit is Strictly follows the provisions of the Solid Waste Management Rules – 2016.
6.	AUTHORISATION UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES - 2016 Form - 2 (See Rule 6(2))				
6.1	Number of authorization: AWH-123323, Date of issue: 19.12.2022.				Noted.
6.2	Reference Application No. 259370 Dated 03/08/2022.				Noted.
6.3	M/s. AARTI INDUSTRIES LTD (ALCHEMIE ORGANICS DIVISION), is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on premises situated as at Plot No 902, 923, 930, Phase-3, GIDC Estate, Vapi- 396195, Dist: Valsad.				Complied. All the Hazardous waste Generated and disposal or recycling are as per this condition and Utilization of Hazardous waste under Rule - 9 is also as per condition..
	Sr. No	Name and Category of hazardous waste	Authorized mode of disposal or recycling or utilization or co-processing	Quantity (Per Year)	
	1.	Used Oil	5.1 Collection, Storage, Transportation, Disposal by reusing within premises, or by selling to registered refiners having all required permission of SPCB by use of GPC mounted vehicles and XGN manifest system.	4.0 KL	
	2.	Discarded Container / Bags	33.1 Collection, Storage, Transportation, Disposal by reusing or by selling to registered recyclers having all required permission of SPCB by use of GPC mounted vehicles and XGN manifest system.	96 MT	
	3.	ETP Waste	35.3 Collection, Storage, Transportation, Disposal by sending to approved and authorized CHWTSDF sites by use of GPC mounted vehicles and XGN manifest system.	5760 MT	
	4.	MEE Salt	35.3	1440 MT	
	5.	Process waste/ Distillation Residue	26.1 Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	3675 MT	

6.	Spent Catalyst	26.5	Collection, Storage, Transportation, Disposal by sending to authorized Regenerators/ Co-Processors/ Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	850.92 MT
7.	Spent Solvent	20.2	Collection, Storage, Transportation, Disposal by sending to authorized Co Processors / Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	1.2 MT
8	Spent Filter Cloth	35.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors /CHWIF/ TSDF sites by use of GPC mounted vehicles and XGN manifest system.	1500 Nos
9	Date Expired Pesticide	29.3	Collection, Storage, Transportation, Disposal by sending to authorized Co Processors / Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	04 MT
10	Spent Carbon	36.2	Collection, Storage, Transportation, Disposal by sending to authorized Co Processors / Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	83 MT
11	Gypsum Waste	35.3	Collection, Storage, Transportation, Disposal by sending to authorized Co Processors / Pre processors /TSDF sites by use of GPC mounted vehicles and XGN manifest system.	2640 MT
12	Insulation Waste	-		16 MT
13	Dilute Sulphuric Acid	B15	Collection, storage, Transportation, Disposal by sending to authorized End users having valid permission under rule-9 of Hazardous & other wastes	147900 MT
14	HBr Solution	B10	(management & Transboundary Movement) rule-2016 by use of GPC mounted vehicles and XGN manifest system.	874.92 MT
15	HCL 30%	B15		9231.48 MT
16	Sodium Sulphate	—		241.68 MT
17	Spent Sulphuric acid (70% and above)	B15		20875 MT
18	Concentrated Effluent	29.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors / CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	11.7 KL/D

	19	Non- recyclable plastic waste PPE'S	33.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors / TSDF sites by use of GPC mounted vehicles and XGN manifest system.	24 MT	
	20	OfI Specification product	26.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors / CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	10 MT	
	21	Spent Resin from DM plant	35.2		02 MT	
	22	Spent Sulphuric acid (70% and above)	B15	Reception, Storage and reuse within premises for manufacturing of dye & dyes intermediate Products	38400 MT	
	23	Spent Hydrochloric Acid (30%)	B15		21132 MT	
	24	Spent Sulphuric acid (35% Nitrogen)	B15		5718 MT	
6.4	The authorization shall be valid for a period of 30/09/2029.					Noted
6.5	The authorization is subject to the following general and specific conditions.					Noted
A	General conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules – 2016.					
	<div>1. The authorized person shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.</div> <div>2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.</div> <div>3. The Board reserves the right to review and/or revoke the consent and/or make variations in lhe conditions. which the Board deems, fit in accordance wth Seclon 27 of the Act.</div> <div>4. The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous and other waste except what is permitted through this authorization.</div> <div>5. Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of the authorization.</div> <div>6. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillage, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.</div> <div>7. The person authorized shall comply with the provisions outlined in the central pollution control board guidelines on “implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty.</div> <div>8. It is the duty of the authorized person to take prior permission of the state pollution control board to close down the facility.</div> <div>9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.</div> <div>10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.</div>					Noted and is being Complied

	<ol style="list-style-type: none"> 11. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be maintained. 12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any. 13. An application for the renewal of an authorization shall be made as laid down under these rules. 14. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time. 15. Annual return shall be filled by June 30th for the period ensuring 31st March of year. 	
B.	Specific Conditions:	
	<ol style="list-style-type: none"> 1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with authorization. 2. Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user. 3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other waste shall be submitted to PSCB. 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. 5. Unit shall comply with provision of E-Waste (Management) Rules – 2016. 	Noted and is being compiled.



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month : October- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

Location: Near Maintenance Room

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
	Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	07/10/2024	56.3	25.7	22.4	28.5	0.53	16.2	9.4	BDL	BDL	BDL	BDL	BDL
2.	08/10/2024	72.4	33.1	30.2	36.3	0.81	--	--	--	--	--	--	--
3.	14/10/2024	68.5	31.8	29.6	34.1	0.62	--	--	--	--	--	--	--
4.	15/10/2024	53.7	24.6	21.5	27.2	0.52	--	--	--	--	--	--	--
5.	21/10/2024	61.6	29.2	25.7	32.4	0.54	--	--	--	--	--	--	--
6.	22/10/2024	77.8	36.4	32.3	38.6	0.72	--	--	--	--	--	--	--
7.	28/10/2024	64.1	30.3	27.4	31.8	0.66	--	--	--	--	--	--	--
8.	29/10/2024	50.4	22.5	19.8	24.7	0.43	--	--	--	--	--	--	--
	Maximum	77.8	36.4	32.3	38.6	0.81	--	--	--	--	--	--	--
	Minimum	50.4	22.5	19.8	24.7	0.43	--	--	--	--	--	--	--
	Average	63.1	29.2	26.1	31.7	0.60	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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 : October- 2024
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.	Duration of Sampling: 24 hours
Location: Near ETP	

2. Analysis Results:

Sr. No.	Date	Results											
	Parameters Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	07/10/2024	64.8	29.2	27.5	31.4	0.62	17.2	11.3	BDL	BDL	BDL	BDL	BDL
2.	08/10/2024	71.5	34.3	30.2	36.7	0.75	--	--	--	--	--	--	--
3.	14/10/2024	56.7	25.1	22.4	28.3	0.53	--	--	--	--	--	--	--
4.	15/10/2024	67.2	32.5	39.6	33.5	0.56	--	--	--	--	--	--	--
5.	21/10/2024	80.3	39.4	37.3	42.6	0.83	--	--	--	--	--	--	--
6.	22/10/2024	58.1	26.2	24.7	30.2	0.46	--	--	--	--	--	--	--
7.	28/10/2024	61.4	28.7	25.1	32.8	0.55	--	--	--	--	--	--	--
8.	29/10/2024	52.6	23.6	21.8	25.3	0.48	--	--	--	--	--	--	--
	Maximum	80.3	39.4	39.6	42.6	0.83	--	--	--	--	--	--	--
	Minimum	52.6	23.6	21.8	25.3	0.46	--	--	--	--	--	--	--
	Average	64.1	29.8	28.5	32.6	0.59	--	--	--	--	--	--	--
	Permissible Limit (As Per NAAQMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

Patel P.A.
ANALYSED BY

C. K. Joshi
AUTHORIZED SIGNATORY

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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.	Duration of Sampling: 24 hours
Location: Near DCNB Plant	

2. Analysis Results:

Sr. No.	Date	Results											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	07/10/2024	70.2	33.5	29.3	35.4	0.77	13.8	6.3	BDL	BDL	BDL	BDL	BDL
2.	08/10/2024	65.4	29.8	27.6	30.1	0.62	--	--	--	--	--	--	--
3.	14/10/2024	53.6	25.3	23.4	27.5	0.46	--	--	--	--	--	--	--
4.	15/10/2024	68.7	30.2	26.5	33.6	0.52	--	--	--	--	--	--	--
5.	21/10/2024	57.3	28.4	24.2	31.7	0.51	--	--	--	--	--	--	--
6.	22/10/2024	71.8	35.6	33.7	40.2	0.75	--	--	--	--	--	--	--
7.	28/10/2024	55.9	23.1	21.8	25.3	0.53	--	--	--	--	--	--	--
8.	29/10/2024	62.1	31.8	28.4	32.8	0.68	--	--	--	--	--	--	--
	Maximum	71.8	35.6	33.7	40.2	0.77	--	--	--	--	--	--	--
	Minimum	53.6	23.1	21.8	25.3	0.46	--	--	--	--	--	--	--
	Average	63.12	29.7	26.9	32.0	0.60	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near ETP
Duration of Sampling: 24 hours


2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/11/2024	73.6	35.2	32.1	38.3	0.68	19.5	13.4	BDL	BDL	BDL	BDL	BDL
2.	05/11/2024	82.4	40.5	37.3	43.6	0.57	---	---	---	---	---	---	---
3.	11/11/2024	68.3	33.4	31.8	36.2	0.71	---	---	---	---	---	---	---
4.	12/11/2024	79.5	36.3	34.2	40.5	0.83	---	---	---	---	---	---	---
5.	18/11/2024	89.2	43.6	41.7	46.8	0.95	---	---	---	---	---	---	---
6.	19/11/2024	65.7	31.2	29.5	33.4	0.62	---	---	---	---	---	---	---
7.	25/11/2024	75.1	34.8	32.4	36.7	0.79	---	---	---	---	---	---	---
8.	26/11/2024	80.3	38.1	35.3	41.2	0.85	---	---	---	---	---	---	---
	Maximum	89.2	43.6	41.7	46.8	0.95	---	---	---	---	---	---	---
	Minimum	65.7	31.2	29.5	33.4	0.57	---	---	---	---	---	---	---
	Average	76.8	36.7	34.2	39.5	0.75	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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
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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/11/2024	81.4	39.2	36.3	43.1	0.72	17.2	11.3	BDL	BDL	BDL	BDL	BDL
2.	05/11/2024	78.3	37.5	35.4	39.5	0.67	--	--	--	--	--	--	--
3.	11/11/2024	85.1	42.3	40.1	44.7	0.81	--	--	--	--	--	--	--
4.	12/11/2024	75.2	35.4	33.5	37.3	0.93	--	--	--	--	--	--	--
5.	18/11/2024	66.8	32.7	29.6	34.2	0.75	--	--	--	--	--	--	--
6.	19/11/2024	71.9	29.8	27.2	31.9	0.85	--	--	--	--	--	--	--
7.	25/11/2024	80.7	36.1	34.8	40.6	0.63	--	--	--	--	--	--	--
8.	26/11/2024	73.5	34.6	31.7	36.4	0.77	--	--	--	--	--	--	--
	Maximum	85.1	42.3	40.1	44.7	0.93	--	--	--	--	--	--	--
	Minimum	66.8	29.8	27.2	31.9	0.63	--	--	--	--	--	--	--
	Average	76.6	35.9	33.5	38.4	0.76	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Patel A.
ANALYSED BY

C. K. V. S. S.
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near Maintenance Room
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	04/11/2024	77.3	36.4	33.1	40.5	0.63	18.6	10.3	BDL	BDL	BDL	BDL	BDL
2.	05/11/2024	84.5	41.6	39.3	43.2	0.82	---	---	---	---	---	---	---
3.	11/11/2024	73.1	34.7	31.6	37.4	0.76	---	---	---	---	---	---	---
4.	12/11/2024	89.6	42.5	38.2	45.3	0.96	---	---	---	---	---	---	---
5.	18/11/2024	63.7	29.8	27.5	32.6	0.71	---	---	---	---	---	---	---
6.	19/11/2024	70.8	33.2	30.4	35.1	0.77	---	---	---	---	---	---	---
7.	25/11/2024	86.4	39.3	37.8	41.7	0.92	---	---	---	---	---	---	---
8.	26/11/2024	71.2	32.6	29.7	34.3	0.87	---	---	---	---	---	---	---
Maximum		89.6	42.5	39.3	45.3	0.96	---	---	---	---	---	---	---
Minimum		63.7	29.8	27.5	32.6	0.63	---	---	---	---	---	---	---
Average		77.0	36.2	33.4	38.7	0.81	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Patel P.A.
ANALYSED BY

C. K. Joshi
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near ETP
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
		Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni
		Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³
1.	02/12/2024		91.5	53.4	48.3	57.6	0.79	22.3	15.6	BDL	BDL	BDL	BDL
2.	03/12/2024		74.6	35.2	30.5	41.7	0.53	--	--	--	--	--	--
3.	09/12/2024		88.4	41.6	36.2	47.3	0.61	--	--	--	--	--	--
4.	10/12/2024		78.3	37.1	32.8	42.5	0.58	--	--	--	--	--	--
5.	16/12/2024		94.7	55.3	50.4	59.2	0.87	--	--	--	--	--	--
6.	17/12/2024		85.2	43.5	39.7	48.4	0.48	--	--	--	--	--	--
7.	23/12/2024		70.1	32.7	28.9	36.1	0.64	--	--	--	--	--	--
8.	24/12/2024		67.8	28.9	24.1	33.8	0.59	--	--	--	--	--	--
9.	30/12/2024		82.6	39.3	34.6	43.6	0.92	--	--	--	--	--	--
10.	31/12/2024		76.2	36.5	31.4	40.2	0.83	--	--	--	--	--	--
		Maximum	94.7	55.3	50.4	59.2	0.92	--	--	--	--	--	--
		Minimum	67.8	28.9	24.1	33.8	0.48	--	--	--	--	--	--
		Average	80.9	40.4	35.6	45.0	0.68	--	--	--	--	--	--
		Permissible Limit (As Per NAAQMS)	100	60	80	80	02	400	100	05	01	01	20
													06

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

Putal P.A.
ANALYSED BY

C. A. D. 0124
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month: December- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	02/12/2024	79.6	38.3	33.1	43.4	0.47	17.2	11.3	BDL	BDL	BDL	BDL	BDL	
2.	03/12/2024	83.4	40.5	35.2	45.6	0.56	--	--	--	--	--	--	--	
3.	09/12/2024	69.3	29.7	25.6	34.2	0.62	--	--	--	--	--	--	--	
4.	10/12/2024	77.8	36.4	31.8	40.3	0.94	--	--	--	--	--	--	--	
5.	16/12/2024	90.2	43.8	39.4	47.5	0.85	--	--	--	--	--	--	--	
6.	17/12/2024	87.5	41.6	37.3	44.7	0.76	--	--	--	--	--	--	--	
7.	23/12/2024	71.8	34.2	30.5	39.8	0.81	--	--	--	--	--	--	--	
8.	24/12/2024	67.9	26.3	22.7	29.4	0.69	--	--	--	--	--	--	--	
9.	30/12/2024	81.7	39.1	34.8	42.1	0.73	--	--	--	--	--	--	--	
10.	31/12/2024	73.4	35.6	32.6	38.6	0.58	--	--	--	--	--	--	--	
	Maximum	90.2	43.8	39.4	47.5	0.94	--	--	--	--	--	--	--	
	Minimum	67.9	26.3	22.7	29.4	0.47	--	--	--	--	--	--	--	
	Average	78.3	36.5	32.3	40.5	0.70	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182														

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.



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month: December- 2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

Location: Near Maintenance Room

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	02/12/2024	83.6	41.5	37.3	45.8	0.51	19.4	11.2	BDL	BDL	BDL	BDL	BDL
2.	03/12/2024	74.5	35.6	31.4	40.7	0.74	---	---	---	---	---	---	---
3.	09/12/2024	63.8	29.7	25.2	34.3	0.62	---	---	---	---	---	---	---
4.	10/12/2024	89.6	42.5	38.1	47.4	0.86	---	---	---	---	---	---	---
5.	16/12/2024	58.9	27.4	23.5	32.6	0.67	---	---	---	---	---	---	---
6.	17/12/2024	70.8	33.2	30.4	37.2	0.58	---	---	---	---	---	---	---
7.	23/12/2024	86.4	39.3	35.6	43.8	0.93	---	---	---	---	---	---	---
8.	24/12/2024	71.2	32.6	28.7	37.5	0.54	---	---	---	---	---	---	---
9.	30/12/2024	67.6	31.8	26.9	35.1	0.44	---	---	---	---	---	---	---
10.	31/12/2024	78.3	37.2	34.2	42.3	0.78	---	---	---	---	---	---	---
	Maximum	89.6	42.5	38.1	47.4	0.93	---	---	---	---	---	---	---
	Minimum	58.9	27.4	23.5	32.6	0.44	---	---	---	---	---	---	---
	Average	74.4	35.0	31.1	39.7	0.66	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06
3. Remark: - 1. Method Followed: IS- 5182													

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

2. Note: BDL-Below Detectable Limit.

Dtelpa
ANALYSED BY

C. K. Joshi
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near ETP
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	06/01/2025	87.8	41.6	37.1	46.2	0.84	21.7	14.2	BDL	BDL	BDL	BDL	BDL	
2.	07/01/2025	75.6	35.2	30.5	40.4	0.58	--	--	--	--	--	--	--	
3.	13/01/2025	94.3	45.4	41.6	51.8	0.84	--	--	--	--	--	--	--	
4.	14/01/2025	82.4	39.7	33.2	44.3	0.76	--	--	--	--	--	--	--	
5.	20/01/2025	78.7	36.3	31.8	41.5	0.69	--	--	--	--	--	--	--	
6.	21/01/2025	90.2	43.5	38.3	48.2	0.92	--	--	--	--	--	--	--	
7.	27/01/2025	85.1	37.8	32.4	42.7	0.81	--	--	--	--	--	--	--	
8.	28/01/2025	71.5	29.1	24.9	34.6	0.73	--	--	--	--	--	--	--	
	Maximum	94.3	45.4	41.6	51.8	0.92	--	--	--	--	--	--	--	
	Minimum	71.5	29.1	24.9	34.6	0.58	--	--	--	--	--	--	--	
	Average	83.2	38.6	33.7	43.7	0.77	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182.														

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

R. 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- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	06/01/2025	74.6	35.4	28.3	43.5	0.53	19.4	14.7	BDL	BDL	BDL	BDL	BDL	
2.	07/01/2025	88.1	43.7	36.1	50.2	0.67	---	---	---	---	---	---	---	
3.	13/01/2025	79.2	37.3	28.6	41.8	0.85	---	---	---	---	---	---	---	
4.	14/01/2025	84.7	40.1	32.7	47.3	0.48	---	---	---	---	---	---	---	
5.	20/01/2025	77.3	36.8	29.8	42.6	0.62	---	---	---	---	---	---	---	
6.	21/01/2025	91.8	39.2	31.5	44.7	0.93	---	---	---	---	---	---	---	
7.	27/01/2025	70.6	33.5	27.4	38.4	0.76	---	---	---	---	---	---	---	
8.	28/01/2025	81.4	38.6	30.9	43.1	0.95	---	---	---	---	---	---	---	
	Maximum	91.8	43.7	36.1	50.2	0.95	---	---	---	---	---	---	---	
	Minimum	70.6	33.5	27.4	38.4	0.48	---	---	---	---	---	---	---	
	Average	80.9	38.0	30.6	43.9	0.72	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182														

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

Patel P.A.
ANALYSED BY

C.R. Desai
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

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Environmental Testing Laboratory

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

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

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near Maintenance Room
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	06/01/2025	90.5	44.6	38.7	52.4	0.77	20.2	11.9	BDL	BDL	BDL	BDL	BDL	
2.	07/01/2025	85.3	41.9	35.4	47.6	0.94	---	---	---	---	---	---	---	
3.	13/01/2025	78.4	36.5	30.2	42.8	0.68	---	---	---	---	---	---	---	
4.	14/01/2025	64.1	28.8	23.9	34.2	0.91	---	---	---	---	---	---	---	
5.	20/01/2025	88.6	42.3	36.1	48.5	0.57	---	---	---	---	---	---	---	
6.	21/01/2025	79.8	38.1	31.6	44.3	0.47	---	---	---	---	---	---	---	
7.	27/01/2025	92.5	45.2	40.3	55.7	0.68	---	---	---	---	---	---	---	
8.	28/01/2025	81.8	39.4	32.5	43.8	0.52	---	---	---	---	---	---	---	
	Maximum	92.5	45.2	40.3	55.7	0.94	---	---	---	---	---	---	---	
	Minimum	64.1	28.8	23.9	34.2	0.47	---	---	---	---	---	---	---	
	Average	82.6	39.6	33.5	46.1	0.69	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182														

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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near ETP
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	03/02/2025	70.1	33.8	27.2	38.6	0.68	22.6	15.4	BDL	BDL	BDL	BDL	BDL
2.	04/02/2025	84.7	41.2	35.1	46.2	0.91	---	---	---	---	---	BDL	BDL
3.	10/02/2025	81.2	39.4	33.5	42.5	0.87	---	---	---	---	---	---	---
4.	11/02/2025	67.9	32.7	28.4	37.3	0.53	---	---	---	---	---	---	---
5.	17/02/2025	93.4	45.3	40.6	50.1	0.64	---	---	---	---	---	---	---
6.	18/02/2025	72.8	34.1	29.8	39.4	0.69	---	---	---	---	---	---	---
7.	24/02/2025	76.4	36.5	31.7	41.7	0.49	---	---	---	---	---	---	---
8.	25/02/2025	89.8	43.9	38.3	48.6	0.73	---	---	---	---	---	---	---
Maximum		93.4	45.3	40.6	50.1	0.91	---	---	---	---	---	---	---
Minimum		67.9	32.7	27.2	37.3	0.49	---	---	---	---	---	---	---
Average		79.5	38.3	33.0	43.1	0.60	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06
3. Remark: - 1. Method Followed: IS-5182													

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

2. Note: BDL-Below Detectable Limit.

Ratel P.A.
ANALYSED BY

C. S. J. J.
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/02/2025	87.4	42.5	38.1	48.6	0.85	20.5	16.2	BDL	BDL	BDL	BDL	BDL	
2.	04/02/2025	72.1	35.2	30.4	40.2	0.59	---	---	---	---	---	---	---	
3.	10/02/2025	79.9	38.1	32.5	43.4	0.73	---	---	---	---	---	---	---	
4.	11/02/2025	84.4	40.6	34.3	45.6	0.83	---	---	---	---	---	---	---	
5.	17/02/2025	89.6	43.4	37.6	47.1	0.56	---	---	---	---	---	---	---	
6.	18/02/2025	66.3	32.7	28.2	39.7	0.75	---	---	---	---	---	---	---	
7.	24/02/2025	75.2	36.8	31.8	42.3	0.89	---	---	---	---	---	---	---	
8.	25/02/2025	68.5	31.7	26.7	36.9	0.63	---	---	---	---	---	---	---	
	Maximum	89.6	43.4	38.1	48.6	0.89	---	---	---	---	---	---	---	
	Minimum	66.3	31.7	26.7	36.9	0.56	---	---	---	---	---	---	---	
	Average	77.9	37.6	32.4	42.7	0.72	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.
ANALYSED BY

C. S. D. 2025
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

Location: Near Maintenance Room

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	03/02/2025	73.1	35.8	29.7	44.6	0.75	21.7	12.3	BDL	BDL	BDL	BDL	BDL
2.	04/02/2025	84.7	40.5	34.2	48.5	0.59	--	--	--	--	--	--	--
3.	10/02/2025	90.2	43.7	38.4	50.2	0.72	--	--	--	--	--	--	--
4.	11/02/2025	77.5	36.6	30.5	42.7	0.83	--	--	--	--	--	--	--
5.	17/02/2025	86.6	41.9	36.2	48.3	0.91	--	--	--	--	--	--	--
6.	18/02/2025	80.9	38.2	31.3	43.4	0.96	--	--	--	--	--	--	--
7.	24/02/2025	81.2	36.3	32.1	45.1	0.68	--	--	--	--	--	--	--
8.	25/02/2025	69.3	33.4	27.6	39.8	0.54	--	--	--	--	--	--	--
	Maximum	90.2	43.7	38.4	50.2	0.96	--	--	--	--	--	--	--
	Minimum	69.3	33.4	27.6	39.8	0.54	--	--	--	--	--	--	--
	Average	80.4	38.3	32.5	45.3	0.75	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

P. A. A.
ANALYSED BY

C. A. A.
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. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near ETP

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	03/03/2025	75.9	36.7	29.5	42.1	0.94	23.7	16.8	BDL	BDL	BDL	BDL	BDL
2.	04/03/2025	90.8	46.8	39.2	52.6	0.58	---	---	---	---	---	---	---
3.	10/03/2025	68.5	31.9	24.6	37.3	0.67	---	---	---	---	---	---	---
4.	11/03/2025	84.3	41.5	34.3	47.2	0.72	---	---	---	---	---	---	---
5.	17/03/2025	94.2	45.7	38.1	51.3	0.89	---	---	---	---	---	---	---
6.	18/03/2025	81.6	37.6	30.7	43.5	0.72	---	---	---	---	---	---	---
7.	24/03/2025	92.5	40.8	33.4	46.7	0.53	---	---	---	---	---	---	---
8.	25/03/2025	85.9	41.1	35.8	47.4	0.77	---	---	---	---	---	---	---
9.	31/03/2025	72.7	35.3	28.9	41.8	0.81	---	---	---	---	---	---	---
10.	01/04/2025	78.6	37.2	30.6	45.9	0.95	---	---	---	---	---	---	---
	Maximum	94.2	46.8	39.2	52.6	0.95	---	---	---	---	---	---	---
	Minimum	68.5	31.9	24.6	37.3	0.53	---	---	---	---	---	---	---
	Average	82.5	39.4	32.5	45.6	0.76	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06
3. Remark: - 1. Method Followed: IS- 5182													

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

2. Note: BDL-Below Detectable Limit.

D. J. 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: March- 2025

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant

Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/03/2025	65.9	31.2	24.7	37.2	0.82	21.7	17.5	BDL	BDL	BDL	BDL	BDL	
2.	04/03/2025	80.3	37.5	31.4	44.6	0.67	--	--	--	--	--	--	--	
3.	10/03/2025	92.7	44.8	38.3	51.1	0.94	--	--	--	--	--	--	--	
4.	11/03/2025	77.8	35.4	28.9	41.5	0.75	--	--	--	--	--	--	--	
5.	17/03/2025	85.2	40.7	34.2	47.4	0.58	--	--	--	--	--	--	--	
6.	18/03/2025	97.4	46.1	39.6	52.3	0.61	--	--	--	--	--	--	--	
7.	24/03/2025	71.6	34.3	27.8	40.8	0.48	--	--	--	--	--	--	--	
8.	25/03/2025	82.5	39.6	33.1	46.7	0.77	--	--	--	--	--	--	--	
9.	31/03/2025	94.3	45.2	38.7	51.2	0.55	--	--	--	--	--	--	--	
10.	01/04/2025	79.2	36.9	30.4	43.3	0.81	--	--	--	--	--	--	--	
	Maximum	97.4	46.1	39.6	52.3	0.94	--	--	--	--	--	--	--	
	Minimum	65.9	31.2	24.7	37.2	0.48	--	--	--	--	--	--	--	
	Average	82.6	39.1	32.7	45.6	0.69	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182.														

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: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near Maintenance Room
Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	03/03/2025	80.5	38.4	31.2	45.6	0.79	22.3	13.4	BDL	BDL	BDL	BDL	BDL	
2.	04/03/2025	74.6	35.2	30.5	41.7	0.53	---	---	---	---	---	---	---	
3.	10/03/2025	89.4	41.6	36.2	47.3	0.61	---	---	---	---	---	---	---	
4.	11/03/2025	78.3	37.1	32.8	42.5	0.58	---	---	---	---	---	---	---	
5.	17/03/2025	67.8	31.8	26.4	37.2	0.87	---	---	---	---	---	---	---	
6.	18/03/2025	85.2	43.5	39.7	48.4	0.48	---	---	---	---	---	---	---	
7.	24/03/2025	70.1	32.7	28.9	36.1	0.64	---	---	---	---	---	---	---	
8.	25/03/2025	64.9	28.9	24.1	33.8	0.59	---	---	---	---	---	---	---	
9.	31/03/2025	82.6	39.3	34.6	43.6	0.75	---	---	---	---	---	---	---	
10.	01/04/2025	76.2	36.5	31.4	40.2	0.83	---	---	---	---	---	---	---	
	Maximum	89.4	43.5	39.7	48.4	0.87	---	---	---	---	---	---	---	
	Minimum	64.9	28.9	24.1	33.8	0.48	---	---	---	---	---	---	---	
	Average	76.0	36.5	31.5	41.6	0.66	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	
3. Remark: - 1. Method Followed: IS- 5182														

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

P. P. A.
ANALYSED BY

C. P. Desai
AUTHORIZED SIGNATORY

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

Test Report

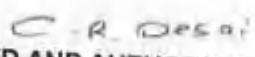
Format No : QR/7.8/03	Test Report No : TC588525000002484F	Issue Date : 18-03-2025
ULR No : TC588525000002484F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Monitoring : Noise Level Monitoring		
Sampling By : ENPRO Team-Mr.Nikunj Vaghat	Sampling & Test Method : WI/N/01	
Date of Sampling : 10-03-2025	Duration of Sampling : 1 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 0325/N02484	: Ambient Noise Level Monitoring
Type of Test : On Site Testing	Protocol	

RESULT TABLE			
SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	68.3	60.6
2	Nr. Engineering Workshop	72.4	63.8
	LIMIT	75	70

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

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Sweety Patel (Dy.TM)


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Chintan Desai (TM)

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Page 1 of 1

Test Report


Format No : QR/7.8/03	Test Report No : TC588525000002485F	Issue Date : 18-03-2025
ULR No : TC588525000002485F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Monitoring : Indoor Measurement of Noise		
Sampling By : ENPRO Team-Mr.Nikunj Vagha	Sampling & Test Method : WI/N/03	
Date of Sampling : 10-03-2025	Duration of Sampling : 1 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 0325/N02485	: Workplace Noise Level Monitoring
Type of Test : On Site Testing	Protocol	

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area		
2	Inside DG Room (DG On)	76.3	72.1
3	DCBH Plant	72.1	68.4
4	DCNB Plant	69.6	65.5
		79.8	75.2
	LIMIT	TLV - 85	TLV - 85

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Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000001741F	Issue Date : 27-02-2025
ULR No : TC588525000001741F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Nikunj Vagha	Sampling & Test Method : WI/N/01
Date of Sampling : 20-02-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0225/N01741
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	Nr. Main Gate	62.3	57.3
2	Nr. Engineering Workshop	69.1	52.7
	LIMIT	75	70

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

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Page 1 of 1

Test Report

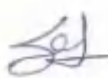
Format No : QR/7.8/03	Test Report No : TC588525000001742F	Issue Date : 27-02-2025
ULR No : TC588525000001742F	Discipline : Chemical	Group : Atmospheric Pollution

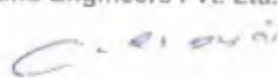
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad	
Description of Monitoring : Indoor Measurement of Noise	
Sampling By : ENPRO Team-Mr.Nikunj Vaghas	Sampling & Test Method : WIN/03
Date of Sampling : 20-02-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0225/N01742
Type of Test : On Site Testing	Protocol : Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	78.4	72.2
2	Inside DG Room (DG On)	73.5	67.3
3	DCBH Plant	75.9	69.6
4	DCNB Plant	80.6	74.3
	LIMIT	TLV - 85	TLV - 85

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Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000000540F	Issue Date : 23-01-2025
ULR No : TC588525000000540F	Discipline : Chemical	Group : Atmospheric Pollution

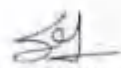
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad	
Description of Monitoring : Noise Level Monitoring	
Sampling By : ENPRO Team-Mr.Nikunj Vagha	Sampling & Test Method : WI/N/01
Date of Sampling : 16-01-2025	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0125/N00540
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

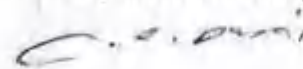
RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	66.5	61.3
2	Nr. Engineering Workshop	70.7	65.9
	LIMIT	75	70

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

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Page 1 of 1



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Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588525000000541F	Issue Date : 23-01-2025
ULR No : TC588525000000541F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Monitoring : Indoor Measurement of Noise
Sampling By : ENPRO Team-Mr.Nikunj Vaghar Sampling & Test Method : WI/N/03
Date of Sampling : 16-01-2025 Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below Sample ID : 0125/N00541
Type of Test : On Site Testing Protocol : Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	80.9	72.3
2	Inside DG Room (DG On)	76.5	69.3
3	DCBH Plant	70.7	65.9
4	DCNB Plant	82.4	73.5
	LIMIT	TLV - 85	TLV - 85

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Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000012321F	Issue Date : 23-12-2024
ULR No : TC588524000012321F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, 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 : 14-12-2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 1224/N12321
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	Nr. Main Gate	70.1	62.3
2	Nr. Engineering Workshop	67.3	59.8
	LIMIT	75	70

NOTE : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PM To 06:00 AM

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Test Report

Format No : QR/7.8/03	Test Report No : TC588524000012322F	Issue Date : 23-12-2024
ULR No : TC588524000012322F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist - Valsad	
Description of Monitoring : Indoor Measurement of Noise	
Sampling By : ENPRO Team-Mr.Vihang Patel	Sampling & Test Method : WI/N/03
Date of Sampling : 14-12-2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 1224/N12322
Type of Test : On Site Testing	Protocol : Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	74.8	66.2
2	Inside DG Room (DG On)	79.3	61.4
3	DCBH Plant	82.1	71.1
4	DCNB Plant	80.9	69.7
	LIMIT	TLV - 85	TLV - 85

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Test Report

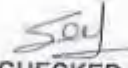
Format No : QR/7.8/03	Test Report No : TC588524000010868F	Issue Date : 22-11-2024
ULR No : TC588524000010868F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Monitoring : Noise Level Monitoring		
Sampling By : ENPRO Team-Mr.Vihang Patel	Sampling & Test Method : WI/N/01	
Date of Sampling : 14-11-2024	Duration of Sampling : 1 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 1124/N10868	
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring	

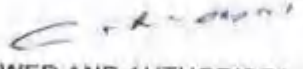
RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	68.4	54.9
2	Nr. Engineering Workshop	72.2	62.6
	LIMIT	75	70

NOTE : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PM To 06:00 AM

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Page 1 of 1

Test Report

TC - 5885

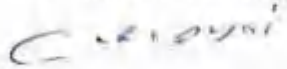
Format No : QR/7.8/03	Test Report No : TC588524000010869F	Issue Date : 22-11-2024
ULR No : TC588524000010869F	Discipline : Chemical	Group : Atmospheric Pollution
Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad		
Description of Monitoring : Indoor Measurement of Noise		
Sampling By : ENPRO Team-Mr.Vihang Patel	Sampling & Test Method : WI/N/03	
Date of Sampling : 14-11-2024	Duration of Sampling : 1 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 1124/N10869	: Workplace Noise Level Monitoring
Type of Test : On Site Testing	Protocol	

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	82.6	69.1
2	Inside DG Room (DG On)	76.2	64.4
3	DCBH Plant	70.8	60.5
4	DCNB Plant	83.1	70.3
	LIMIT	TLV - 85	TLV - 85

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Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000009698F	Issue Date : 17-10-2024
ULR No : TC588524000009698F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Monitoring	: Noise Level Monitoring		
Sampling By	: ENPRO Team-Mr.Nikunj Vagha:	Sampling & Test Method	: WI/N/01
Date of Sampling	: 10-10-2024	Duration of Sampling	: 1 hr / Location
Description of Location	: As per Table Given Below	Sample ID	: 1024/N09698
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	Nr. Main Gate	70.1	67.3
2	Nr. Engineering Workshop	65.9	59.8
	LIMIT	75	70

NOTE : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PM To 06:00 AM

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Page 1 of 1



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Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000009699F	Issue Date : 17-10-2024
ULR No : TC588524000009699F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Industries Ltd (Alchemie Org. Ltd.)**
Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Monitoring	: Indoor Measurement of Noise		
Sampling By	: ENPRO Team-Mr.Nikunj Vagha:	Sampling & Test Method	: WI/N/03
Date of Sampling	: 10-10-2024	Duration of Sampling	: 1 hr / Location
Description of Location	: As per Table Given Below	Sample ID	: 1024/N09699
Type of Test	: On Site Testing	Protocol	: Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	70.2	65.1
2	Inside DG Room (DG On)	84.1	69.2
3	DCBH Plant	77.3	70.9
4	DCNB Plant	81.9	74.3
	LIMIT	TLV - 85	TLV - 85

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

*** End of Report ***

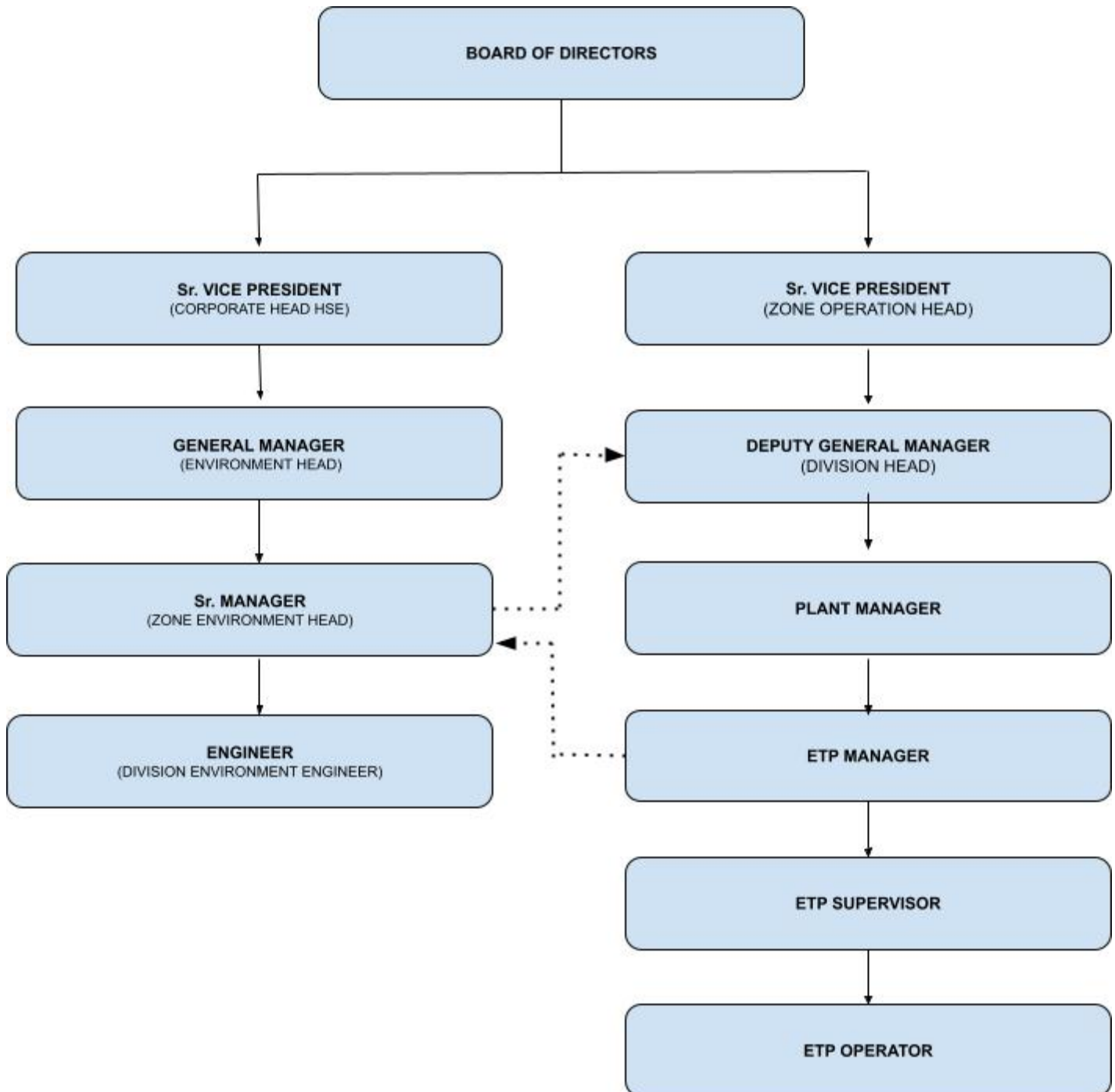
Page 1 of 1

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 organisation has a centralised Corporate EHS Policy which is implemented at the site level.
3.0	Management of Air Environment	
3.1	Measures for Flue gas emission control	<ul style="list-style-type: none"> • DG set is the only source of flue gas emission. • The unit has adopted good engineering practises like having timely Preventive Maintenance schedules to ensure proper combustion and reduction in flue gas pollutants.
3.2	Measures for Process Emission control	The unit has installed a two stage scrubbing system which involves a water scrubber as well as alkali scrubber for chlorinator and Diazo reactor vessels. Water scrubber has been provided for Particulate matter control in SFD
3.3.	Measures to Fugitive Emission Control	<p>Various measures have been taken for Fugitive emission control like</p> <ul style="list-style-type: none"> • Use of closed loop handling system • Solvent storage tanks connected with vent condensers • Provision of breather valve cum flame arrestor on solvent tanks • Provision of exhaust ventilation • Routine & periodic inspection to check leakage • Preventive maintenance, follow SOP for maintenance • Pumps & motors mechanical seal type • LDAR program is followed. • Unloading through pipeline to tank in a closed system.
4.0	Management of wastewater	<ul style="list-style-type: none"> • The unit has an ETP and has installed a Reverse Osmosis Plant

		<ul style="list-style-type: none"> • The reject from the RO is treated in the Multiple Effect evaporator. • The fresh water used is only from the GIDC supply. • Ground water recharge of the rain water is not allowed in the GIDC area. However the unit is exploring the option to carry out roof top rain water harvesting. • The unit is treating the generated sewage along with process effluent in the ETP. The treated effluent is subjected to RO and the permeate is reused.
5.0	Management of Noise Environment	<ul style="list-style-type: none"> • Acoustic enclosures are provided for DG sets • The unit has adopted good engineering practises like having timely Preventive Maintenance schedules to ensure the unit is in good mechanical health. • Provision of PPE like ear plugs • The unit has developed Green belt on the periphery for noise abatement • Regular noise level monitoring of different places within and outside premises
6.0	Management of solvent recovery	<ul style="list-style-type: none"> • The condensers are provided with sufficient HTA and residence time so as to achieve more than 95-96 % recovery. • Solvent handling pumps are provided with double mechanical seal type to prevent leakages. • Double earthing is provided in all the electrical equipment wherever solvent handling is done. • All electrical equipment in the plant where solvents are used will be flame proof. The solvent storage tanks are provided with a breather valve to prevent vapour losses.
7.0	Management of Hazardous Waste	<ul style="list-style-type: none"> • Hazardous solid waste is being handed over to the authorized TSDF side 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 off to authorised CHWIF for final disposal. • Hazardous waste will be stored separately in dry & covered place with RCC platform. There will be provision for a separate storage area .

		<ul style="list-style-type: none"> • Forklift truck is used in shifting, loading and unloading operation for hazardous waste to minimize manual handling of hazardous waste. • Necessary PPEs are provided to workers while handling hazardous waste.
8.0	Energy Conservation measures	<ul style="list-style-type: none"> • 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. • Proper temperature controls will be provided to reduce load on heating systems.
9.0	Water Conservation Programme	<p>The unit uses reclaimed water for non potable applications like gardening, lawns etc.</p> <ul style="list-style-type: none"> • The unit is reducing toilet cistern volume in single flush models. • The unit carries out quick fixing of leaking taps, pipes and toilet cisterns; Sweep with a broom and pan is carried out wherever possible, rather than using water in a hose • The unit is installing sub-meters on key areas of water use. As more data is generated about water use, control measures can be initiated.



Aarti Industries Limited

Alchemie Organics Division

Screenshoot of EC Compliance uploaded on PARIVESH Portal for the period of
April-2024 to September-2024

Half Yearly Compliance Report 2024 01 Jun(01 Oct - 31 Mar)			
Acknowledgment			
Proposal Name		Proposed Expansion project at Plot No. 903, 923 GIDC Estate, Phase-III, Vapi, Dist. Valsad, Gujarat by M/s. Aarti Industries Limited (Alchemie Organic Division)	
Name of Entity / Corporate Office		Aarti Industries Limited (Alchemie Organic Division)	
Village(s)		Chhiri	
District		VALSAD	
Proposal No.	IA/GJ/IND2/26548/2015	Category	Industrial Projects - 3
Plot / Survey / Khasra No.	Plot No. 902,923 Phase III, GIDC, Vapi	Sub-District	VAPI
State	GUJARAT	Entity's PAN	NA
MoEF File No.	J-11011/47/2015-IA II (I)	Entity name as per PAN	NA
Compliance Reporting Details			
Reporting Year	2024		
Remarks (if any)	half yearly EC compliance report Oct'23 to March 24		
Reporting Period	01 Jun(01 Oct - 31 Mar)		
Details of Production and Project Area			
Name of Entity / Corporate Office	Aarti Industries Limited (Alchemie Organic Division)		
	Project Area as per EC Granted	Annual Project Area in Possession	
Private	26.271	0	
Revenue Land	0	0	
Forest	0	0	
Others	0	0	
Total	26.271	0	
Production Capacity			

Aarti Industries Limited
Alchemie Organics Division

Mail Communication to : ec-rdw.cpcb@gov.in, msseiaagj@gmail.com, iro.gandhingr-mefcc@gov.in

Aarti Industries Limited (Alchemie Organics Division), Plot no. 902, Phase- III, GIDC industrial estate, Vapi, Gujarat. Half Yearly EC Compliance of period of April 2024 to September 2024

✦ Summarize this email



Aarti Environment System System <arti@artiindustries.com>

to EC-RDW@pcb, msseiaagj@gmail, IRO, ro-rdw, ro-rdw, ro-rdw, Manoj, bhoj, bhoj

Thu, Nov 28, 2024, 10:58 AM



Ref. : EC No. J-11011/47/2015-IA II (I) dated: October 28th, 2016.

Respected Sir,

With reference to the above subject we are submitting the Compliance Report (monitoring period April 2024 to September 2024 as per condition (xv) of the general conditions as mentioned in environmental clearance letter no. J-11011/47/2015-IA II (I) dated October 28th, 2016 for our project 'Expansion of Dye intermediate and Pesticides unit by M/s. Aarti Industries Limited (Alchemie Organics Division) in GIDC industrial estate, Vapi in Gujarat'.

The compliance report is supported with the required attachments.

CL-1 CONFIDENTIAL

o/c

Ref No: AARTI/VAPI/ENV/AOD/2024-2025/017

Date : 15.07.2024

XGN ID : 22980

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryawaran Bhavan,
Sector - 10 / A,
Gandhinagar - 382 010

Subject : Environment Statement (Form-V) from April 2023 - March 2024.

Reference : Rule 14 of the Environment Protection Act, 1986 and Notifications from time to time.

Respected Sir,

In reference to above mentioned subject, please find herewith the Environment Statement for the period April 2023 - March 2024 in Form-V for Aarti Industries Limited (Alchemie Organics Div.) situated at Plot No.: 902, 923, 927, 930, 3rd Phase, GIDC Estate, Vapi (Gujrat) 396195.

We hope that the above is in order.

Thanking you,

Yours faithfully,

Aarti Industries Limited (Alchemie Organics Div.)


Authorized Signatory

Encl : as stated above

CC:

1. The Regional Officer, Gujarat Pollution Control Board, GIDC, Vapi.
2. Unit Head-Vapi, Gujarat Pollution Control Board, Gandhinagar.





POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name	: AARTI INDUSTRIES LTD		
Insured's Details		Issuing Office Details	
Customer ID	: PO09969068	Office Code	: C.D.U (120400)
Address	: 2ND FLOOR, 221, UDYOG KSHETRA, LBS MARG, MULUND GOREGAON LINK ROAD, MULUND (WEST) MUMBAI, MAHARASHTRA, 400080	Address	: NEW INDIA CENTRE, 4TH FLOOR 17 -A, COOPERAGE ROAD, 400001
Phone No	: XXXXXX8086	Phone No	: 02222049713 / 02222815075
E-mail/Fax	: tanil.mathew@aarti-industries.com, /	E-mail/Fax	: nia.120400@newindia.co.in / 02222842678
PAN No	: AABCA2787L	S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	: 27AABCA2787L2ZB / NA	GSTIN	: 27AAACN4165C3ZP
		SAC	: 997139 (Other non-life insurance services excl RI)

Policy Details			
Policy Number	: 12040036243300000004	Business Source Code	
Period of Insurance	: From: 09/01/2025 12:00:01 AM To: 08/01/2026 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: Prudent Insurance Brokers Pvt. Ltd. - (2D10077353) Prudent Ins Brokers_120400 - (SI00034592),
Date of Proposal	: 09-Jan-25	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	:	Phone No	: NA / NA
Client Type	: Corporate	E-mail/Fax	: / /

Premium(₹)	ERF Premium(₹)	GST(₹)	Total (₹)	Total (₹ in words)	Receipt No. & Date
9000	9000	1,620	19,620	RUPEES NINETEEN THOUSAND SIX HUNDRED TWENTY ONLY	1204008124000000130 7 - 09/01/25

Details of risk covered under current year policy:

Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductible s No of workmen	No of Other Employee
09/01/2022	<= 15 Crore	22	50000000	1:3	150000000	5955000000	5741000000	4000	2400

Retroactive Dates

Retroactive Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductibles No of workmen	No of Other Employee
RETROACTIVE DATE 1	09/01/2022	<=15Crore	22	50000000	1.3	150000000	5955000000	5741000000	4000	2400

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Extensions under the Policy

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
-----------------------	----------------------------	------------------------------

Signature Not Verified
Digitally signed by DHIRAJ KUMAR
Date: 2025.01.09 15:18:27 IST



Special Conditions	Claims made basis Territory & Jurisdiction : India NA	
Special Exclusions	NA	
Special Excess/Deductible	0	
Retroactive Dates	Date	
Retroactive date		09/01/2022

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Description	
Premium and GST Details		
	Rate of Tax	Amount in INR
Premium		₹ 18,000
SGST	9	810
CGST	9	810
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 09th day of January, 2025.

For and on behalf of
The New India Assurance Company Limited

Date of Issue: 09/01/2025

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank_____Dt._____consolidated Stamp Fees Paid by Pay Order Number_____vide receipt number_____dt._____.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 12040024P0001589

IRDA Registration Number: 190
NIA PAN NUMBER: AAACN4165C



दि न्यू इन्डिया एश्योरन्स कंपनी लिमिटेड

(भारत सरकार का उपक्रम)

THE NEW INDIA ASSURANCE COMPANY LTD.

(Govt. of India Undertaking)

मं. का. 120400, न्यू इन्डिया सेंटर, 4थी मंजिल, 17-ए, कोपरगेज रोड, मुंबई - 400 001.

D.O. 120400, New India Centre, 4th Floor, 17-A, Cooperage Road, Mumbai - 400 001.

Phone : 22815075, 22892800

E-mail : nia.120400@newindia.co.in



Public Liability Act policy

Issued at MUMBAI

DATE: 09/01/2025

Policy No : 12040036243300000004

Name of the Insured : AARTI INDUSTRIES LTD

Period of Insurance : From: 09/01/2025 00:00:01 AM To: 08/01/2026 11:59:59 PM

Risk Locations :

Sr No	Division	Bus Area Code	Plant Name	Address
1	Chemical	AN01	Amine	Plot No 285,286/1 A-1-322/23, 322/12, 322/24 II Phase,GIDC,Vapi- 396195
2	Chemical	AP01	Apple	PLOT NO. 610 , 609 & C18/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
3	Chemical	DH1N	Dahej Diamond	PLOT NO Z/103/C SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
4	Chemical	DHJ1	Dahej Neo	PLOT NO Z/103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
5	Chemical	DHJ2	Dahej Saffron	PLOT NO - Z/111/B, Z/111/C & D, GIDC Notified Industrial Estate, DAHEJ, SEZ-II, TAL VAGRA, DIST- BHARUCH 392130
6	Chemical	FA01	Fertilizer	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
7	Chemical	JA04	Jhagdia 3M/Ash Land	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2, JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110
8	Chemical	Jhagadia	Jhagadia	Plot No 41/1, 41/2, 41/3/1, 41/3/2 & 41/3/3 ,GIDC Jhagadia - 393110, Dist - Bharuch, Gujarat (India)
9	Chemical	JHA1(Pearl)	Jhagadia	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364
10	Chemical	JHA2 (Ruby)	Jhagadia	Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 &
11	Chemical	JHA3 (Jade)	Jhagadia	Survey No. 122 GIDC Jhagadia, Dadheda, Bharuch 393110
12	Chemical	JHA4 (Gold)	Jhagadia	Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat
13	Chemical	R&D Jhagadia	R&D Jhagadia	Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat
14	Chemical	JHA6(Onyx)	Jhagadia	PLOT NO, 756/2 A&B 756/3 A&B 756/4 A&B , GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110
15	Chemical	KU01	Anushakti	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8 KUTCH BHACHAU, GUJARAT 370140
16	Chemical	NS01	Nascent	PLOT NO. 24, PHASE-I, G.I.D.C., DIST. VALSAD VAPI 396195



17	Chemical	NU01	Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
18	Chemical	RD01	R&D Vapi	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
19	Chemical	RD03	R&D Mhape	A/94-1 & A/94/1/1, Khairane, MIDC, TTC,India, Navi Mumbai - 400710
20	Chemical	VA01	Acid	Plot No 802, 803, 804/3, Phase III,GIDC,Vapi- 396195 Plot No. 801/15 to 19,21 & 22, Phase-III, GIDC Estate, Vapi -396195, Tal: Pardi, Dist: Valsad
21	Chemical	VA02	Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
22	Chemical	VA03	Alchemie Organic	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
23	Chemical	TA02	Tarapur Unit-2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar, Maharashtra 401506

Sr No.	Bus Area Code	Address	Location	Rented or Owned
1	SL - STORAGE LOCATION	209 C/o Welcome Roadways, Lasudiya Mori, Halka No 17, Dewas Naka, Indore- 452010	Indore	Rented
2	ET01	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080	Mumbai	Owned
3	SL - STORAGE LOCATION	Ankit Petro Products Private Limited, L12, MIDC, Tarapur 401506	Tarapur	Rented
4	SL - STORAGE LOCATION	BHIWANDI GODOWN -1 SHED NO. 4, PATWARDHAN COMPOUND, NEAR DAL MILL COMPOUND, PURNA VILLAGE, AGRA ROAD, PURNA THANE	Bhiwandi	Rented
5	SL - STORAGE LOCATION	C/O Nasibdar Group Of companies, Plot No . H-4/2/B, MIDC, Tarapur, Boisar , Maharashtra - 401506	Tarapur	Rented
6	SL - STORAGE LOCATION	D/6 , Mayashree Compound, Survey No. 189/12356, 190/4, 190/5, 194/11, In Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
7	SL - STORAGE LOCATION	GAT NO 706 SANDIP WAREHOUSE, AVHANE SHIVAR, KANALDA ROAD, AVHANE, JALGAON, DIST - JALGAON - 425002	Jalgaon	Rented
8	SL - STORAGE LOCATION	GAT NO 89 & 91 SANGHAVI WAREHOUSE, BAMBRUD PACHORA, DIST- JALGAON -424201	Jalgaon	Rented

9	SL - STORAGE LOCATION	GODOWN NO 1 , 2 , 3 & 4, GAT NO 68/1, VILLAGE BELAD, NH-6 BYE PASS ROAD , TAL- MALKAPUR, DIST - BULDHANA - 443102	Buldhana	Rented
10	SL - STORAGE LOCATION	GODOWN NO 1 PART B SURVEY NO 137, BEHALF OF SANTOSH HYBRID SEEDS CO PVT LTD, BHOKARDAN ROAD, JALNA, DIST - JALNA - 431114	Jalna	Rented
11	SL - STORAGE LOCATION	GODOWN NO 1 TO 4 SURVEY NO 108/A/2 CHAHURANA BUDRUK, NAGAR KALYAN ROAD, NALEGAON , THANGE MALA ,AHMEDNAGAR - 414001	Ahmednagar	Rented
12	SL - STORAGE LOCATION	GODOWN NO 1, GAT NO 203, BEHLAF OF JEEVAN TRADING COMPANY, TUPPA VILLAGE, HYDERABAD HIGHWAY, DIST NANDED - 431603	Nanded	Rented
13	SL - STORAGE LOCATION	GODOWN NO 2 & 3 SURVEY NO 224/2 NEAR RADHASWAMI SATSANG , SHAHADA ROAD, VILLAGE DONDAICHA, TAL SHINDKHEDA, DIST - DHULE - 425408	Dhule	Rented
14	SL - STORAGE LOCATION	GODOWN ON SURVEY NO 163, GRAMPANCHYAT TEMBHURNE, KHAMGAN-AKOLA ROAD, DIST BULDHANA - 444303	Buldhana	Rented
15	VD09	GPC No. 932/1, 932/2 Hubbarwadi, Hubbarwadi Village, Raybag, Belagavi 591317, Karnataka	Belagavi	Rented
16	SL - STORAGE LOCATION	Industrial plot no 271 and 272 chanod tal.vapi dist valsad	Vapi	Owned
17	SL - STORAGE LOCATION	Industrial plot no 271 and 272 II Phase Gidc vapi 396195	Vapi	Rented
18	CS01	Khata no 430 survey no 452 village chival pardi valsad	Vapi	Owned
19	SL - STORAGE LOCATION	NAGESHWAR COMPOUND, GALA B 103 PART A THANE BHIWANDI AGRA ROAD VILLAGE PURNADANDEKARWAD, DISTRICT - THANE	Bhiwandi	Owned
20	HAZ1	Near LNG Terminal, Hazira Bypass Road, Hazira, Surat-394270, Gujarat	Hazira	Rented
21	SL - STORAGE LOCATION	Nepti Factory Godown No 3, Vaibhav Cattle Feed Factory Nepti, Survey No 65/2B/1 , Nepti village, Kadegaon, Kadegaon Tal - Ahmednagar Dist - 414005	Ahmednagar	Rented
22	VD07	PLOT NO - 609, 610,100 SHED AREA, G.I.D.C. ESTATE, VAPI, GUJARAT- 396195	Vapi	Rented

23	SL - STORAGE LOCATION	Plot no : d2/ch/77, Vedant Chlorochem ,Dahej, Tal : Vagra, Dist:Bharuch.	Dahej	Rented
24	TA04	PLOT NO 188 TO 190 2ND PHASE GIDC VAPI 396195	Vapi	Rented
25	SL - STORAGE LOCATION	Plot No 2006, 3 rd Phase, GIDC Vapi 396195	Vapi	Owned
26	SL - STORAGE LOCATION	PLOT NO 271 & 272, SURVEY NO 269, PAIKE, 269/P 270/P, 2ND PHASE GIDC ,CHANOD, VAPI DIST VALSAD - 396195	Vapi	Rented
27	JA05	Plot No 2900/115,2900/116 GIDC Ankleshwar ,Dist.Bharuch -393002 Gujarat	Ankleshwar	Rented
28	JA05	PLOT NO 2900/117 , INDOKEM COMPOUND, GIDC ESTATE,DIST BHARUCH ANKLESHWAR - 393002	Ankleshwar	Rented
29	SL - STORAGE LOCATION	PLOT NO 927 PHASE III GIDC, REVENUE SURVEY NO 43/P CHIRI VAPI DIST - VALSAD - 396195	Vapi	Rented
30	SL - STORAGE LOCATION	PLOT NO. 13, JNPT LIQUID STORAGE AREA,NHAVA SHEVA, URAN NAVI MUMBAI, RAIGAD- 400707.	Uran	Rented
31	OS01	Plot No. 2900/115, 2900/116, 2900/117, Indokem, Compound, GIDC Estate, Ankleshwar, Bharuch, 393002, Gujarat	Ankleshwar	Rented
32	VD08	PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110	Jhagadia	Rented
33	VD06	PLOT NO.316 D AT 40 SHED AREA GIDC VAPI 396195	Vapi	Rented
34	SL - STORAGE LOCATION	PLOT/SHED NO 1106, GIDC VAPI, VILLAGE CHIRI, TALUKA-VAPI, DIST - VALSAD	Vapi	Rented
35	SL - STORAGE LOCATION	S-42, MIDC, Tarapur, Boisar, Dist Palghar Aftab Silk Mills Pvt Limited	Tarapur	Rented
36	SL - STORAGE LOCATION	Shed No .7/5A, Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
37	SL - STORAGE LOCATION	Shed No. 12A and 12B, Survey No. 178 Hissa No. 1 & 2, Sarvotam Compound, Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
38	SL - STORAGE LOCATION	Shed No.8/6A , Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna, Bhiwandi, District Thane – 421302	Bhiwandi	Rented

39	SL - STORAGE LOCATION	Shed no-13, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
40	SL - STORAGE LOCATION	Shed no-16, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
41	VD10	SURVEY NO 108/A, NAGAR KALYAN ROAD, NEAR THANGE MALA, Ahmednagar 414001, Maharashtra	Ahmednagar	Rented
42	MW04	SURVEY NO. 137, BHOKARDHAN ROAD, NEAR JALNA BHOKARDHAN ROAD, JALNA, 431114, MAHARASHTRA	Jalna	Rented
43	SL - STORAGE LOCATION	TERMINAL AT PORT PIPAVAV, POST BAG 45, POST UCHHAIYA VIA RAJULA, UCHHAIYA, Amreli, Gujarat, 365560	Pipavav	Owned
44	SL - STORAGE LOCATION	WAREHOUSE AT GAT NO 87, VILLAGE GEVRAI TANDA, DIST - AURANGABAD - 431111	Aurangabad	Rented
45	MW05	GAT NO. 706, SANDIP WAREHOUSE, AVHANE SHIVAR KANALDA ROAD, AVHANE SHIVAR, JALGAON - 425002, MAHARASHTRA	Jalgaon	Rented
46	VD01	Plot No - 28 Phase-II, GIDC, Vapi 396195	Vapi	Owned
47	VD11	GAT NO. 68/1, NH-6, BY PASS ROAD, MALKAPUR, MAHARASHTRA 443102	Malkapur	Rented
48	SL - STORAGE LOCATION	Plot No. 25, GIDC, Phase 1 and 2, Vapi, Dist Valsad, Gujarat 396195	Vapi	Rented
49	SL - STORAGE LOCATION	PLOT NO.321/8, 40 SHED AREA, CHANOD, GIDC VAPI, DIST VALSAD 396 195	Vapi	Rented
50	SL - STORAGE LOCATION	Plot No. 328-329/B, A-1 Building Area, GIDC Estate , Ankleshwar, Bharuch, Gujarat 393002	Ankleshwar	Rented
51	SL - STORAGE LOCATION	Plot No.L-4 & L-5 M.I.D.C,Tarapur,Maharashtra-401506	Tarapur	Owned
52	SL - STORAGE LOCATION	PLOT NO S-42, MIDC TARAPUR, BOISAR, DIST -PALGHAR, MAHARASHTRA 401501	Boisar	Rented
53	SL - STORAGE LOCATION	GODOWN NO 13 & 14 NEAR MARUTI SHOWROOM, HINGOLI ROAD, MARUTI SUZUKI ARENA, ASPA BRANDSONS AUTO PVT LTD, HINGOLI ROAD, WASHIM, MAHARASHTRA 444505	Washim	Rented
54	SL - STORAGE LOCATION	Plot No 1663, GIDC Sarigam, Vai Umbergam, Sarigam, Valsad, Gujarat,	Sarigam	Rented

		396155		
55	SL - STORAGE LOCATION	Survey No 846, Plot No 106, Namdha, Vapi, Valsad, Gujarat 396195	Vapi	Rented
56	SL - STORAGE LOCATION	Plot No 148/A Phase 2, GIDC Vapi Dist Valsad, Gujarat, 396195	Vapi	Rented
57	SL - STORAGE LOCATION	PLOT NO K 14, MIDC TARAPUR, SALWAD, BOISAR, PALGHAR, MAHARASHTRA 401506	Boisar	Rented

Sr No.	Bus Area Code	NEW ADDRESS	Location	Rented or Owned
1	KU02	PLOT NO. 5&6 ,KESAR TERMINAL & INFRASTRUCTURE LTD, OLD KANDLA 370220	Kutch	Rented
2	SL - STORAGE LOCATION	Shreeji terminal, plot no. 7 near jawaharlal nehru railway crossing, kandla 370210	Kutch	Rented
3	KU05	SURVEY NO 26 (OLD SURVEY NO 157), PADANA WAREHOUSE, PADANA, GANDHIDHAM, KUTCH GUJARAT	Kutch	Rented
4	SL - STORAGE LOCATION	SURVEY NO 26, (OLD SURVEY NO - 157), PAIKI -2 PADANA GANDHIDHAM 370240	Gandhidham	Rented
5	SL - STORAGE LOCATION	Survey No. 1430/2, N.H. No 41, Ta. Bhachau, Dist Kutch, Gujarat.	Kutch	Rented
6	KU04	NEAR OIL JETTY, IFFCO PLANT IFFCO ROAD, KUTCH, GUJARAT 370210	Kutch	Rented
7	-	Tank No 103, Plot No 7, Kandla, Kutch, Near Jawaharlal Nehru Railway Crossing, Kandla, Kutch, Gujarat 370210	Kutch	Rented
8	-	Tank No TK 122, Plot No 7, Pandit Jawahar Lal Nehru Marg, Gandhidham, Kandla, Kutch, Gujarat 370210	Kutch	Rented
9	-	NEAR OIL JETTY, CRL TERMINALS PVT LTD, POINT NO 1, NEAR WASTE GATE NI 1, KANDLA, KUTCH, GUJARAT 370210	Kutch	Rented
10	KU06	SURVEY NO 236/1 and 237, Warehouse No K-01, Village Mithi Rohar, Gandhidham, Kutch, Gujarat 370201	Kutch	Rented

S No	Stock At Doc List
1	Jawaharlal Nehru Port Trust Sheva, Navi Mumbai-400702
2	15-23, National highway 4B, Panvel-JNPT highway, Village Padeghar, Panvel, Maharashtra 410206
3	Balmer Lawrie & Co. Ltd., Container Freight Station (CFS), Sector: 7, Plot No: 1, P.B. No: 8, Dronagiri Node Navi Mumbai - 400707
4	MUMBAI AIRPORT ANDHERI:- AIR CARGO COMPLEX SAHARA ANDHERI
5	HAZIRA PORT Hazira LNG and Port Hazira, Dist: Surat Gujarat - India
6	PORT OF PIPAVAV, POST BAG 45, POST UCCHAIYAVIA RAJULA, AMRELI, Gujarat, India, 365560.

Location 1: MUNDRA PORT Post Box No. 1 Mundra (Kutch), Gujarat 370421

Location 2: Deendayal Port, Kandla, Gujarat, Kutch, Pincode: 370210

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CINEMA OF THE WEEK

THE BELL (Hindi) 1954
A beautiful love story set in the heart of the Himalayas. A young man and woman fall in love, but their relationship is tested by the harsh conditions of the mountains. A classic of Indian cinema.

These three movies have been selected for the 'Cinema of the Week' by the Times City team. They are all excellent examples of Indian cinema and are well worth a watch.

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MOVIE REVIEW/RATINGS

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READERS' VERDICT

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Textile traders cheated of goods worth ₹3 crore

Textile traders in Chennai have filed a complaint with the police against a group of people who have stolen goods worth ₹3 crore from them.

The traders say that the group of people, who are known to be involved in illegal activities, have stolen goods from them over a period of several months.

The traders have filed a complaint with the police and are seeking the recovery of the stolen goods and compensation for the loss.

The police have taken the complaint seriously and are investigating the matter. They have also issued a notice to the group of people, asking them to return the goods.

The traders are hopeful that the police will be able to recover the goods and bring the group of people to justice.

The traders are also seeking the help of the public to provide information about the group of people. They are offering a reward for anyone who provides information that leads to the recovery of the goods.

The traders are also seeking the help of the media to spread the word about the theft. They are asking the media to report on the case and help them in their efforts to recover the goods.

The traders are also seeking the help of the government to take action against the group of people. They are asking the government to pass a law that makes the theft of goods a crime.

The traders are also seeking the help of the police to take action against the group of people. They are asking the police to arrest the group of people and bring them to justice.

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Rape accused freed from police custody

A man accused of rape has been freed from police custody after his lawyer filed a writ in court. The man was arrested on charges of rape and was being held in police custody. His lawyer argued that the man was being held without proper legal procedure and sought his release. The court granted the writ and the man was freed from custody.

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE

SRF Limited
Plot No. 101, Phase II, SRF Limited, Chennai - 600 028

The SRF Limited is seeking Environmental Clearance for the proposed project. The project is a large-scale industrial project and will have a significant impact on the environment. The SRF Limited is seeking clearance from the government to ensure that the project is carried out in an environmentally sound manner.

M/S. KARTI INDUSTRIES LIMITED

ENVIRONMENTAL CLEARANCE

The M/S. KARTI INDUSTRIES LIMITED is seeking Environmental Clearance for the proposed project. The project is a large-scale industrial project and will have a significant impact on the environment. The M/S. KARTI INDUSTRIES LIMITED is seeking clearance from the government to ensure that the project is carried out in an environmentally sound manner.

M/S. GANESH POLYTECHNIC LIMITED

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SGCCI submits blueprint on mega textile park to state govt

The SGCCI has submitted a blueprint for a mega textile park to the state government. The blueprint outlines the vision for the park and the steps that need to be taken to make it a reality.

The SGCCI is a leading textile industry association in India. It has been working for many years to promote the growth of the textile industry in the country. The blueprint for the mega textile park is a key part of its strategy.

The mega textile park is a large-scale project that will involve the construction of a large number of textile mills and other facilities. It is expected to create thousands of jobs and to significantly boost the textile industry in the country.

The SGCCI is seeking the support of the state government in the implementation of the mega textile park. It is asking the government to provide the necessary infrastructure and other facilities that will be needed for the park to be successful.

The SGCCI is also seeking the support of the private sector in the implementation of the mega textile park. It is asking private companies to invest in the park and to provide the necessary capital and expertise.

The SGCCI is confident that the mega textile park will be a success. It is a project that has the potential to transform the textile industry in the country and to create a bright future for the industry.

The SGCCI is also seeking the support of the public in the implementation of the mega textile park. It is asking the public to provide information about the park and to help it in its efforts to make it a reality.

The SGCCI is also seeking the support of the media in the implementation of the mega textile park. It is asking the media to report on the project and to help it in its efforts to make it a reality.

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TIMES APPOINTMENTS

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