

Ref. No.: AARTI/VAPI/ENV/AOD/2024-2025/040

Date : 21.11.2024

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 April 24 - Sept 24.

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 24 - Sept 24) 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.

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, For April 2024 to September 2024

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 border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No.</th> <th style="width: 70%;">Name of Products</th> <th style="width: 25%;">Proposed production Capacity (MT/Year)</th> </tr> </thead> <tbody> <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" style="text-align: center; vertical-align: middle;">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 style="text-align: center;">87</td> </tr> <tr> <td>1.7</td> <td>Ortho Anisidine</td> <td style="text-align: center;">87</td> </tr> <tr> <td>1.8</td> <td>Ortho Chloro Aniline</td> <td style="text-align: center;">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" style="text-align: center; vertical-align: middle;">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="3" style="text-align: center; vertical-align: middle;">1000</td> </tr> <tr> <td>3.2</td> <td>2 Bromo 4 Fluoroacetanilide</td> </tr> <tr> <td>3.3</td> <td>Di Chloro Bromo Benzene</td> </tr> </tbody> </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	3.3	Di Chloro Bromo Benzene	<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 April 2024 to September 2024 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 April 2024 to September 2024 is as below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No.</th> <th style="width: 60%;">Name of Products</th> <th style="width: 15%;">Production for the period April 2024 to September 2024 in MT</th> <th style="width: 20%;">Limit as per EC for 6 months in MT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DCBH</td> <td style="text-align: center;">1849.95</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">2000MT</td> </tr> <tr> <td>2</td> <td>1,3 D.F.B</td> <td style="text-align: center;">118.40</td> </tr> <tr> <td>3</td> <td>Ortho Chloro Aniline</td> <td style="text-align: center;">223.55</td> <td style="text-align: center;">487.5MT</td> </tr> <tr> <td>4</td> <td>2,3/ 2,5 DCP</td> <td style="text-align: center;">173.00</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">1200 MT</td> </tr> <tr> <td>5</td> <td>3,5 DiChloro Nitro Benzene</td> <td style="text-align: center;">298.85</td> </tr> <tr> <td>6</td> <td>2,6 DCPNA</td> <td style="text-align: center;">333.00</td> <td style="text-align: center;">2000 MT</td> </tr> <tr> <td>-</td> <td>Total</td> <td style="text-align: center;">1849.95</td> <td style="text-align: center;">5687.5</td> </tr> </tbody> </table> <p>All values in MT Production is within the production capacity. Other products are not produced during the reporting period.</p>	Sr. No.	Name of Products	Production for the period April 2024 to September 2024 in MT	Limit as per EC for 6 months in MT	1	DCBH	1849.95	2000MT	2	1,3 D.F.B	118.40	3	Ortho Chloro Aniline	223.55	487.5MT	4	2,3/ 2,5 DCP	173.00	1200 MT	5	3,5 DiChloro Nitro Benzene	298.85	6	2,6 DCPNA	333.00	2000 MT	-	Total	1849.95	5687.5
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																																																																															
3.3	Di Chloro Bromo Benzene																																																																															
Sr. No.	Name of Products	Production for the period April 2024 to September 2024 in MT	Limit as per EC for 6 months in MT																																																																													
1	DCBH	1849.95	2000MT																																																																													
2	1,3 D.F.B	118.40																																																																														
3	Ortho Chloro Aniline	223.55	487.5MT																																																																													
4	2,3/ 2,5 DCP	173.00	1200 MT																																																																													
5	3,5 DiChloro Nitro Benzene	298.85																																																																														
6	2,6 DCPNA	333.00	2000 MT																																																																													
-	Total	1849.95	5687.5																																																																													

**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, For April 2024 to September 2024

	<table border="1"> <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>	3.4	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	
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																																	
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 of 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 are in operation and Details are provided in Point No. VII of Specific Condition.</p> <p>Water scrubber followed by an Alkali scrubber has been provided to control process emission viz. HCl in chlorinator and Diazo reaction vessels. 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>																																	

**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, For April 2024 to September 2024

		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Month</th> <th style="width: 20%;">DCNB Decomposition</th> <th style="width: 20%;">DCBH - 3</th> <th style="width: 20%;">SFD Dryer</th> <th style="width: 25%;">Diazo Reaction</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Apr/24</td> <td>NOx : 23.9</td> <td>HCL :14</td> <td>PM : 64</td> <td>NOx : 17.09</td> </tr> <tr> <td style="text-align: center;">May/24</td> <td>NOx : 21.60</td> <td>HCL :12</td> <td>PM : 90</td> <td>NOx : 21.3</td> </tr> <tr> <td style="text-align: center;">Jun/24</td> <td>NOx : 19.90</td> <td>HCL :15</td> <td>PM : 82</td> <td>NOx : 22.7</td> </tr> <tr> <td style="text-align: center;">Jul/24</td> <td>NOx : 23.10</td> <td>HCL :17</td> <td>PM : 64</td> <td>NOx : 19.9</td> </tr> <tr> <td style="text-align: center;">Aug/24</td> <td>NOx : 22.40</td> <td>HCL :09</td> <td>PM : 59</td> <td>NOx : 21.50</td> </tr> <tr> <td style="text-align: center;">Sep/24</td> <td>NOx : 19.70</td> <td>HCL :11</td> <td>PM : 60</td> <td>NOx : 20.80</td> </tr> <tr> <td style="text-align: center;">GPCB Limit</td> <td>NOx : 25</td> <td>HCL : 20</td> <td>PM : 150</td> <td>NOx : 25 HCL : 20</td> </tr> </tbody> </table> <p>All parameters are in mg/NM3 All parameters are well within the prescribed limit.</p> <p>Fresh water requirement quantity has not exceeded the prescribed limit. Fresh water consumption data for April 2024 to September 2024 are given as below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Month</th> <th style="width: 20%;">Avg freshwater Consumption (m3/D)</th> <th style="width: 20%;">Avg recycled water Consumption (m3/D)</th> <th style="width: 45%;">Avg Total Water Consumption (m3/D)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Apr/24</td> <td style="text-align: center;">342.87</td> <td style="text-align: center;">74.47</td> <td style="text-align: center;">417.33</td> </tr> <tr> <td style="text-align: center;">May/24</td> <td style="text-align: center;">312.16</td> <td style="text-align: center;">63</td> <td style="text-align: center;">375.16</td> </tr> <tr> <td style="text-align: center;">Jun/24</td> <td style="text-align: center;">297.6</td> <td style="text-align: center;">66.17</td> <td style="text-align: center;">363.77</td> </tr> <tr> <td style="text-align: center;">Jul/24</td> <td style="text-align: center;">133.71</td> <td style="text-align: center;">35.74</td> <td style="text-align: center;">169.45</td> </tr> <tr> <td style="text-align: center;">Aug/24</td> <td style="text-align: center;">233.61</td> <td style="text-align: center;">33.84</td> <td style="text-align: center;">267.45</td> </tr> <tr> <td style="text-align: center;">Sep/24</td> <td style="text-align: center;">207.93</td> <td style="text-align: center;">33.9</td> <td style="text-align: center;">241.83</td> </tr> <tr> <td style="text-align: center;">Average</td> <td style="text-align: center;">254.64</td> <td style="text-align: center;">51.18</td> <td style="text-align: center;">305.83</td> </tr> <tr> <td style="text-align: center;">Limit as per EC</td> <td style="text-align: center;">599</td> <td style="text-align: center;">268</td> <td style="text-align: center;">867</td> </tr> </tbody> </table> <p>All quantities are well within the prescribed limit.</p> <p>The unit is completely ZLD with the installation of ETP, RO, MEE & ATFD system and the entire effluent volume is treated and reused within the premises. Hence water consumption is well within the EC limits.</p> <p>Sewage is treated in STP and used within premises, the unit has obtained the CCA AWH-123323 Valid up to 30.09.2029.</p>	Month	DCNB Decomposition	DCBH - 3	SFD Dryer	Diazo Reaction	Apr/24	NOx : 23.9	HCL :14	PM : 64	NOx : 17.09	May/24	NOx : 21.60	HCL :12	PM : 90	NOx : 21.3	Jun/24	NOx : 19.90	HCL :15	PM : 82	NOx : 22.7	Jul/24	NOx : 23.10	HCL :17	PM : 64	NOx : 19.9	Aug/24	NOx : 22.40	HCL :09	PM : 59	NOx : 21.50	Sep/24	NOx : 19.70	HCL :11	PM : 60	NOx : 20.80	GPCB Limit	NOx : 25	HCL : 20	PM : 150	NOx : 25 HCL : 20	Month	Avg freshwater Consumption (m3/D)	Avg recycled water Consumption (m3/D)	Avg Total Water Consumption (m3/D)	Apr/24	342.87	74.47	417.33	May/24	312.16	63	375.16	Jun/24	297.6	66.17	363.77	Jul/24	133.71	35.74	169.45	Aug/24	233.61	33.84	267.45	Sep/24	207.93	33.9	241.83	Average	254.64	51.18	305.83	Limit as per EC	599	268	867
Month	DCNB Decomposition	DCBH - 3	SFD Dryer	Diazo Reaction																																																																										
Apr/24	NOx : 23.9	HCL :14	PM : 64	NOx : 17.09																																																																										
May/24	NOx : 21.60	HCL :12	PM : 90	NOx : 21.3																																																																										
Jun/24	NOx : 19.90	HCL :15	PM : 82	NOx : 22.7																																																																										
Jul/24	NOx : 23.10	HCL :17	PM : 64	NOx : 19.9																																																																										
Aug/24	NOx : 22.40	HCL :09	PM : 59	NOx : 21.50																																																																										
Sep/24	NOx : 19.70	HCL :11	PM : 60	NOx : 20.80																																																																										
GPCB Limit	NOx : 25	HCL : 20	PM : 150	NOx : 25 HCL : 20																																																																										
Month	Avg freshwater Consumption (m3/D)	Avg recycled water Consumption (m3/D)	Avg Total Water Consumption (m3/D)																																																																											
Apr/24	342.87	74.47	417.33																																																																											
May/24	312.16	63	375.16																																																																											
Jun/24	297.6	66.17	363.77																																																																											
Jul/24	133.71	35.74	169.45																																																																											
Aug/24	233.61	33.84	267.45																																																																											
Sep/24	207.93	33.9	241.83																																																																											
Average	254.64	51.18	305.83																																																																											
Limit as per EC	599	268	867																																																																											
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 ,	Noted.																																																																												

**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, For April 2024 to September 2024

	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.															
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.														
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 .														
iv	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.	Complied. <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 border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Month</th> <th>Parameter</th> <th>Plant Area</th> <th>Parameter</th> <th>Store Room</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="background-color: #fce4d6;">Apr/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>3.2</td> </tr> </tbody> </table>	Month	Parameter	Plant Area	Parameter	Store Room	Apr/24	Toluene	N.T	Sulphuric Acid	N.T	Xylene	N.T	Hydrochloric Acid	3.2
Month	Parameter	Plant Area	Parameter	Store Room												
Apr/24	Toluene	N.T	Sulphuric Acid	N.T												
	Xylene	N.T	Hydrochloric Acid	3.2												

**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, For April 2024 to September 2024

		<table border="1"> <tbody> <tr> <td></td> <td>Acetone</td> <td>2.9</td> <td>Formaldehyde</td> <td>N.T.</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> <tr> <td>May/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td></td> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>1.9</td> </tr> <tr> <td></td> <td>Acetone</td> <td>4.2</td> <td>Formaldehyde</td> <td>N.T.</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> <tr> <td>Jun/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td></td> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>2.5</td> </tr> <tr> <td></td> <td>Acetone</td> <td>3.2</td> <td>Formaldehyde</td> <td>N.T.</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> <tr> <td>Jul/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td></td> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>3.0</td> </tr> <tr> <td></td> <td>Acetone</td> <td>4.0</td> <td>Formaldehyde</td> <td>N.T.</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> <tr> <td>Aug/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td></td> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>3.4</td> </tr> <tr> <td></td> <td>Acetone</td> <td>4.6</td> <td>Formaldehyde</td> <td>N.T</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> <tr> <td>Sep/24</td> <td>Toluene</td> <td>N.T</td> <td>Sulphuric Acid</td> <td>N.T</td> </tr> <tr> <td></td> <td>Xylene</td> <td>N.T</td> <td>Hydrochloric Acid</td> <td>3.2</td> </tr> <tr> <td></td> <td>Acetone</td> <td>4.2</td> <td>Formaldehyde</td> <td>N.T</td> </tr> <tr> <td></td> <td>Formaldehyde</td> <td>N.T</td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: N.T :- Not Traceable. All parameters are in µg/m³ All the parameters are well within the prescribed limit</p>		Acetone	2.9	Formaldehyde	N.T.		Formaldehyde	N.T			May/24	Toluene	N.T	Sulphuric Acid	N.T		Xylene	N.T	Hydrochloric Acid	1.9		Acetone	4.2	Formaldehyde	N.T.		Formaldehyde	N.T			Jun/24	Toluene	N.T	Sulphuric Acid	N.T		Xylene	N.T	Hydrochloric Acid	2.5		Acetone	3.2	Formaldehyde	N.T.		Formaldehyde	N.T			Jul/24	Toluene	N.T	Sulphuric Acid	N.T		Xylene	N.T	Hydrochloric Acid	3.0		Acetone	4.0	Formaldehyde	N.T.		Formaldehyde	N.T			Aug/24	Toluene	N.T	Sulphuric Acid	N.T		Xylene	N.T	Hydrochloric Acid	3.4		Acetone	4.6	Formaldehyde	N.T		Formaldehyde	N.T			Sep/24	Toluene	N.T	Sulphuric Acid	N.T		Xylene	N.T	Hydrochloric Acid	3.2		Acetone	4.2	Formaldehyde	N.T		Formaldehyde	N.T		
	Acetone	2.9	Formaldehyde	N.T.																																																																																																												
	Formaldehyde	N.T																																																																																																														
May/24	Toluene	N.T	Sulphuric Acid	N.T																																																																																																												
	Xylene	N.T	Hydrochloric Acid	1.9																																																																																																												
	Acetone	4.2	Formaldehyde	N.T.																																																																																																												
	Formaldehyde	N.T																																																																																																														
Jun/24	Toluene	N.T	Sulphuric Acid	N.T																																																																																																												
	Xylene	N.T	Hydrochloric Acid	2.5																																																																																																												
	Acetone	3.2	Formaldehyde	N.T.																																																																																																												
	Formaldehyde	N.T																																																																																																														
Jul/24	Toluene	N.T	Sulphuric Acid	N.T																																																																																																												
	Xylene	N.T	Hydrochloric Acid	3.0																																																																																																												
	Acetone	4.0	Formaldehyde	N.T.																																																																																																												
	Formaldehyde	N.T																																																																																																														
Aug/24	Toluene	N.T	Sulphuric Acid	N.T																																																																																																												
	Xylene	N.T	Hydrochloric Acid	3.4																																																																																																												
	Acetone	4.6	Formaldehyde	N.T																																																																																																												
	Formaldehyde	N.T																																																																																																														
Sep/24	Toluene	N.T	Sulphuric Acid	N.T																																																																																																												
	Xylene	N.T	Hydrochloric Acid	3.2																																																																																																												
	Acetone	4.2	Formaldehyde	N.T																																																																																																												
	Formaldehyde	N.T																																																																																																														
v	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>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> <p>06 Numbers of VOC detectors have been installed at Process /Storage area..</p>																																																																																																														
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 Process /Storage area..</p> <p>Details of the monitoring data are provided in the table please refer to point No. iv of Specific Condition..</p>																																																																																																														

**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, For April 2024 to September 2024

vii	<p>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>	<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 border="1" data-bbox="816 499 1474 1255"> <thead> <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> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">GPCB Limit</td> <td style="text-align: center;">150</td> <td style="text-align: center;">100</td> <td style="text-align: center;">50</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Apr/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">65.4</td> <td style="text-align: center;">29</td> <td style="text-align: center;">33.8</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">65.5</td> <td style="text-align: center;">37.7</td> <td style="text-align: center;">19.2</td> </tr> <tr> <td rowspan="2" style="text-align: center;">May/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">69.7</td> <td style="text-align: center;">25</td> <td style="text-align: center;">21.5</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">69.7</td> <td style="text-align: center;">30.4</td> <td style="text-align: center;">13.1</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Jun/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">72.9</td> <td style="text-align: center;">31.3</td> <td style="text-align: center;">13.4</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">72.9</td> <td style="text-align: center;">28.4</td> <td style="text-align: center;">21.1</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Jul/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">60.6</td> <td style="text-align: center;">33.9</td> <td style="text-align: center;">26.6</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">60.6</td> <td style="text-align: center;">29.6</td> <td style="text-align: center;">21.1</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Aug/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">64.1</td> <td style="text-align: center;">30.2</td> <td style="text-align: center;">35.5</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">64.1</td> <td style="text-align: center;">23.1</td> <td style="text-align: center;">31.4</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Sep/24</td> <td>DG set 750 KVA - I</td> <td style="text-align: center;">60.2</td> <td style="text-align: center;">28.4</td> <td style="text-align: center;">32.7</td> </tr> <tr> <td>DG set 750 KVA - II</td> <td style="text-align: center;">60.2</td> <td style="text-align: center;">26.1</td> <td style="text-align: center;">29.4</td> </tr> </tbody> </table> <p>All the parameters are well within the prescribed limit</p>	Month	DG Set	PM in mg/Nm ³	SOx in ppm	NOx in ppm	GPCB Limit		150	100	50	Apr/24	DG set 750 KVA - I	65.4	29	33.8	DG set 750 KVA - II	65.5	37.7	19.2	May/24	DG set 750 KVA - I	69.7	25	21.5	DG set 750 KVA - II	69.7	30.4	13.1	Jun/24	DG set 750 KVA - I	72.9	31.3	13.4	DG set 750 KVA - II	72.9	28.4	21.1	Jul/24	DG set 750 KVA - I	60.6	33.9	26.6	DG set 750 KVA - II	60.6	29.6	21.1	Aug/24	DG set 750 KVA - I	64.1	30.2	35.5	DG set 750 KVA - II	64.1	23.1	31.4	Sep/24	DG set 750 KVA - I	60.2	28.4	32.7	DG set 750 KVA - II	60.2	26.1	29.4
Month	DG Set	PM in mg/Nm ³	SOx in ppm	NOx in ppm																																																														
GPCB Limit		150	100	50																																																														
Apr/24	DG set 750 KVA - I	65.4	29	33.8																																																														
	DG set 750 KVA - II	65.5	37.7	19.2																																																														
May/24	DG set 750 KVA - I	69.7	25	21.5																																																														
	DG set 750 KVA - II	69.7	30.4	13.1																																																														
Jun/24	DG set 750 KVA - I	72.9	31.3	13.4																																																														
	DG set 750 KVA - II	72.9	28.4	21.1																																																														
Jul/24	DG set 750 KVA - I	60.6	33.9	26.6																																																														
	DG set 750 KVA - II	60.6	29.6	21.1																																																														
Aug/24	DG set 750 KVA - I	64.1	30.2	35.5																																																														
	DG set 750 KVA - II	64.1	23.1	31.4																																																														
Sep/24	DG set 750 KVA - I	60.2	28.4	32.7																																																														
	DG set 750 KVA - II	60.2	26.1	29.4																																																														
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</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>																																																																

**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, For April 2024 to September 2024

	be provided with a breather valve to prevent losses.																			
ix	Total fresh water requirement from GIDC water supply shall not exceed 599 m ³ /day and prior permission shall be obtained from the competent authority.	<p>Complied.</p> <p>Freshwater requirement quantity has not exceeded the prescribed limit. Fresh water consumption data are given as below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Month</th> <th>Avg fresh water Consumption (m³/D)</th> </tr> </thead> <tbody> <tr> <td>Apr/24</td> <td>342.87</td> </tr> <tr> <td>May/24</td> <td>312.16</td> </tr> <tr> <td>Jun/24</td> <td>297.6</td> </tr> <tr> <td>Jul/24</td> <td>133.71</td> </tr> <tr> <td>Aug/24</td> <td>233.61</td> </tr> <tr> <td>Sep/24</td> <td>207.93</td> </tr> <tr> <td>Average</td> <td>254.64</td> </tr> <tr> <td>Limit as per EC</td> <td>599</td> </tr> </tbody> </table> <p>All the parameters are well within the prescribed limit</p>	Month	Avg fresh water Consumption (m ³ /D)	Apr/24	342.87	May/24	312.16	Jun/24	297.6	Jul/24	133.71	Aug/24	233.61	Sep/24	207.93	Average	254.64	Limit as per EC	599
Month	Avg fresh water Consumption (m ³ /D)																			
Apr/24	342.87																			
May/24	312.16																			
Jun/24	297.6																			
Jul/24	133.71																			
Aug/24	233.61																			
Sep/24	207.93																			
Average	254.64																			
Limit as per EC	599																			
x	Industrial effluent generation shall not exceed 302 m ³ /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 treated in ETP followed by RO. Treated effluent, condensate and recover water shall be treated and recycled/reused within factory premises.	<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 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 unit as the unit is Zero Liquid Discharge unit.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Month</th> <th>Effluent Generation KL/D</th> </tr> </thead> <tbody> <tr> <td>Apr/24</td> <td>84.57</td> </tr> <tr> <td>May/24</td> <td>90.39</td> </tr> <tr> <td>Jun/24</td> <td>93.77</td> </tr> <tr> <td>Jul/24</td> <td>54.84</td> </tr> <tr> <td>Aug/24</td> <td>62.48</td> </tr> <tr> <td>Sep/24</td> <td>60.43</td> </tr> <tr> <td>EC Limit</td> <td>302</td> </tr> </tbody> </table>	Month	Effluent Generation KL/D	Apr/24	84.57	May/24	90.39	Jun/24	93.77	Jul/24	54.84	Aug/24	62.48	Sep/24	60.43	EC Limit	302		
Month	Effluent Generation KL/D																			
Apr/24	84.57																			
May/24	90.39																			
Jun/24	93.77																			
Jul/24	54.84																			
Aug/24	62.48																			
Sep/24	60.43																			
EC Limit	302																			
xi	No effluent shall be discharged outside the plant premises and “Zero” effluent discharge condition shall be followed.	<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</p>																		

**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, For April 2024 to September 2024

		A copy of the Punchnama (Dated on 02.11.2018) regarding disconnection of the drain to CETP is attached as Annexure -5 .
xii	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.	Complied. 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
xiii	Process effluent/any wastewater shall not be allowed to mix with stormwater. Storm water drain shall be passed through the guard pond.	Complied. Effluent is transferred to the ETP through a closed pipeline. Separate stormwater drains are available.
xiv	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.	Complied. The Unit has not produced any pesticide during this period. No Borewell is within the premises of the unit.
xv	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.	Complied Hazardous chemicals are stored in tanks in tank farms, drums, carboys, etc. Flame arresters are provided on tanks containing flammable 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.	Complied. 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. Membership of disposal facilities like BEIL, SEPL, SEPPL & RSPL has been obtained and certificates are attached as Annexure - 7 .
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.	Complied. 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. Fly ash is not generated as the Unit has no Boiler Installation.
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.	Complied. 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 certificate G/WB/GJ/06/353 (G47482) for Toluene Valid up to 31.12.2023 and G/WB/GJ/06/353 (G47482) For Hydrogen Valid upto 30.09.2033 obtained for the same, is attached as Annexure 8 . Unit has obtained licenses from concerned authorities for storing Chemicals. All transportation of hazardous chemicals has been done as per the MVA 1989.

**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, For April 2024 to September 2024

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.	Complied. The unit is currently not manufacturing any product which uses Bromine as raw material. The unit will take care of handling, transportation and storage of bromine. Unit will transport Br ₂ through ISO tankers.				
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.	Complied. 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 .				
xxi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories act.	Complied. Occupational health check-ups are carried out at a regular interval of 6 months , and Records are being maintained as per Factory act . <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Month of surveillance</th> <th>Total no. of Employees</th> </tr> </thead> <tbody> <tr> <td>April 2024 to September 2024</td> <td style="text-align: center;">307</td> </tr> </tbody> </table>	Month of surveillance	Total no. of Employees	April 2024 to September 2024	307
Month of surveillance	Total no. of Employees					
April 2024 to September 2024	307					
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.				

**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, For April 2024 to September 2024

iii	<p>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.</p>	<p>Complied.</p> <p>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).</p> <p>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.</p> <table border="1" data-bbox="824 552 1481 1598"> <thead> <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> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">GPCB LIMIT</td> <td style="text-align: center;">100</td> <td style="text-align: center;">60</td> <td style="text-align: center;">80</td> <td style="text-align: center;">80</td> <td style="text-align: center;">2</td> </tr> <tr> <td rowspan="3" style="text-align: center;">Apr/24</td> <td>Nr.ETP</td> <td style="text-align: center;">81</td> <td style="text-align: center;">42</td> <td style="text-align: center;">22</td> <td style="text-align: center;">30.3</td> <td style="text-align: center;">0.66</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">81.6</td> <td style="text-align: center;">42.1</td> <td style="text-align: center;">24.3</td> <td style="text-align: center;">31.6</td> <td style="text-align: center;">0.65</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">80</td> <td style="text-align: center;">40</td> <td style="text-align: center;">24.8</td> <td style="text-align: center;">31.4</td> <td style="text-align: center;">0.63</td> </tr> <tr> <td rowspan="3" style="text-align: center;">May/24</td> <td>Nr.ETP</td> <td style="text-align: center;">81.8</td> <td style="text-align: center;">38</td> <td style="text-align: center;">21.4</td> <td style="text-align: center;">29.4</td> <td style="text-align: center;">0.66</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">78.5</td> <td style="text-align: center;">39.4</td> <td style="text-align: center;">21.2</td> <td style="text-align: center;">28.2</td> <td style="text-align: center;">0.67</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">79.5</td> <td style="text-align: center;">40.8</td> <td style="text-align: center;">23.7</td> <td style="text-align: center;">31.5</td> <td style="text-align: center;">0.72</td> </tr> <tr> <td rowspan="3" style="text-align: center;">Jun/24</td> <td>Nr.ETP</td> <td style="text-align: center;">75.6</td> <td style="text-align: center;">38.2</td> <td style="text-align: center;">21.5</td> <td style="text-align: center;">26.8</td> <td style="text-align: center;">0.54</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">75.6</td> <td style="text-align: center;">38.2</td> <td style="text-align: center;">26.9</td> <td style="text-align: center;">22.7</td> <td style="text-align: center;">0.66</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">77</td> <td style="text-align: center;">39.4</td> <td style="text-align: center;">23.4</td> <td style="text-align: center;">27.4</td> <td style="text-align: center;">0.65</td> </tr> <tr> <td rowspan="3" style="text-align: center;">Jul/24</td> <td>Nr.ETP</td> <td style="text-align: center;">63.4</td> <td style="text-align: center;">28.3</td> <td style="text-align: center;">26.5</td> <td style="text-align: center;">36.8</td> <td style="text-align: center;">0.44</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">61.5</td> <td style="text-align: center;">27.4</td> <td style="text-align: center;">24.1</td> <td style="text-align: center;">30.2</td> <td style="text-align: center;">0.45</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">60.7</td> <td style="text-align: center;">28.2</td> <td style="text-align: center;">24.5</td> <td style="text-align: center;">30.5</td> <td style="text-align: center;">0.48</td> </tr> <tr> <td rowspan="3" style="text-align: center;">Aug/24</td> <td>Nr.ETP</td> <td style="text-align: center;">60.5</td> <td style="text-align: center;">26.9</td> <td style="text-align: center;">25.7</td> <td style="text-align: center;">28.9</td> <td style="text-align: center;">0.59</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">63.9</td> <td style="text-align: center;">29.5</td> <td style="text-align: center;">28.8</td> <td style="text-align: center;">32.5</td> <td style="text-align: center;">0.6</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">57.8</td> <td style="text-align: center;">26.4</td> <td style="text-align: center;">26.2</td> <td style="text-align: center;">30.2</td> <td style="text-align: center;">0.54</td> </tr> <tr> <td rowspan="3" style="text-align: center;">Sep/24</td> <td>Nr.ETP</td> <td style="text-align: center;">60.8</td> <td style="text-align: center;">27.4</td> <td style="text-align: center;">25.5</td> <td style="text-align: center;">29.4</td> <td style="text-align: center;">0.61</td> </tr> <tr> <td>Nr. DCNB plant</td> <td style="text-align: center;">61</td> <td style="text-align: center;">28.7</td> <td style="text-align: center;">26.6</td> <td style="text-align: center;">30.1</td> <td style="text-align: center;">0.58</td> </tr> <tr> <td>Nr. Maintenance Room</td> <td style="text-align: center;">60.7</td> <td style="text-align: center;">28.1</td> <td style="text-align: center;">26.3</td> <td style="text-align: center;">29.5</td> <td style="text-align: center;">0.6</td> </tr> </tbody> </table> <p>All the parameters are within the prescribed limit.</p>	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	Apr/24	Nr.ETP	81	42	22	30.3	0.66	Nr. DCNB plant	81.6	42.1	24.3	31.6	0.65	Nr. Maintenance Room	80	40	24.8	31.4	0.63	May/24	Nr.ETP	81.8	38	21.4	29.4	0.66	Nr. DCNB plant	78.5	39.4	21.2	28.2	0.67	Nr. Maintenance Room	79.5	40.8	23.7	31.5	0.72	Jun/24	Nr.ETP	75.6	38.2	21.5	26.8	0.54	Nr. DCNB plant	75.6	38.2	26.9	22.7	0.66	Nr. Maintenance Room	77	39.4	23.4	27.4	0.65	Jul/24	Nr.ETP	63.4	28.3	26.5	36.8	0.44	Nr. DCNB plant	61.5	27.4	24.1	30.2	0.45	Nr. Maintenance Room	60.7	28.2	24.5	30.5	0.48	Aug/24	Nr.ETP	60.5	26.9	25.7	28.9	0.59	Nr. DCNB plant	63.9	29.5	28.8	32.5	0.6	Nr. Maintenance Room	57.8	26.4	26.2	30.2	0.54	Sep/24	Nr.ETP	60.8	27.4	25.5	29.4	0.61	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
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																																																																																																																												
Apr/24	Nr.ETP	81	42	22	30.3	0.66																																																																																																																												
	Nr. DCNB plant	81.6	42.1	24.3	31.6	0.65																																																																																																																												
	Nr. Maintenance Room	80	40	24.8	31.4	0.63																																																																																																																												
May/24	Nr.ETP	81.8	38	21.4	29.4	0.66																																																																																																																												
	Nr. DCNB plant	78.5	39.4	21.2	28.2	0.67																																																																																																																												
	Nr. Maintenance Room	79.5	40.8	23.7	31.5	0.72																																																																																																																												
Jun/24	Nr.ETP	75.6	38.2	21.5	26.8	0.54																																																																																																																												
	Nr. DCNB plant	75.6	38.2	26.9	22.7	0.66																																																																																																																												
	Nr. Maintenance Room	77	39.4	23.4	27.4	0.65																																																																																																																												
Jul/24	Nr.ETP	63.4	28.3	26.5	36.8	0.44																																																																																																																												
	Nr. DCNB plant	61.5	27.4	24.1	30.2	0.45																																																																																																																												
	Nr. Maintenance Room	60.7	28.2	24.5	30.5	0.48																																																																																																																												
Aug/24	Nr.ETP	60.5	26.9	25.7	28.9	0.59																																																																																																																												
	Nr. DCNB plant	63.9	29.5	28.8	32.5	0.6																																																																																																																												
	Nr. Maintenance Room	57.8	26.4	26.2	30.2	0.54																																																																																																																												
Sep/24	Nr.ETP	60.8	27.4	25.5	29.4	0.61																																																																																																																												
	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																																																																																																																												
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>																																																																																																																																

**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, For April 2024 to September 2024

		<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 border="1"> <thead> <tr> <th>SR.NO</th> <th>LOCATION (day time)</th> <th>April/24</th> <th>May/24</th> <th>June/24</th> <th>July/24</th> <th>Aug/24</th> <th>Sep/24</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Day</td> <td>Nr.Main Gate</td> <td>66.7</td> <td>67.2</td> <td>68.2</td> <td>62.1</td> <td>64.4</td> <td>64.2</td> </tr> <tr> <td>Nr.Engineering Workshop</td> <td>71.2</td> <td>70.4</td> <td>71.7</td> <td>68.7</td> <td>68.92</td> <td>70.4</td> </tr> </tbody> </table> <p>All the parameters are within the prescribed limit</p> <table border="1"> <thead> <tr> <th>SR .NO</th> <th>LOCATION (Night time)</th> <th>April/24</th> <th>May/24</th> <th>June/24</th> <th>July/24</th> <th>Aug/24</th> <th>Sep/24</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Night</td> <td>Nr.Main Gate</td> <td>54.3</td> <td>55.4</td> <td>54.9</td> <td>57.2</td> <td>53.2</td> <td>52.34</td> </tr> <tr> <td>Nr.Engineering Workshop</td> <td>62.1</td> <td>60.1</td> <td>63.5</td> <td>65.1</td> <td>60.4</td> <td>62.1</td> </tr> </tbody> </table> <p>*The noise value are in db(A).</p> <p>All the parameters are within the prescribed limit</p>	SR.NO	LOCATION (day time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24	Day	Nr.Main Gate	66.7	67.2	68.2	62.1	64.4	64.2	Nr.Engineering Workshop	71.2	70.4	71.7	68.7	68.92	70.4	SR .NO	LOCATION (Night time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24	Night	Nr.Main Gate	54.3	55.4	54.9	57.2	53.2	52.34	Nr.Engineering Workshop	62.1	60.1	63.5	65.1	60.4	62.1
SR.NO	LOCATION (day time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24																																									
Day	Nr.Main Gate	66.7	67.2	68.2	62.1	64.4	64.2																																									
	Nr.Engineering Workshop	71.2	70.4	71.7	68.7	68.92	70.4																																									
SR .NO	LOCATION (Night time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24																																									
Night	Nr.Main Gate	54.3	55.4	54.9	57.2	53.2	52.34																																									
	Nr.Engineering Workshop	62.1	60.1	63.5	65.1	60.4	62.1																																									
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.	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.																																														
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.	Complied. 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.																																														
vii	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	Complied. Unit has provided personal protective equipment to each and every employee/worker. Like : Helmet, Gloves, Goggles, Safety shoes, Chemical splash suit etc.																																														
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 border="1"> <thead> <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> </thead> <tbody> <tr> <td>1</td> <td>April 2024 to September 2024</td> <td>1270</td> </tr> </tbody> </table>	Safety and Health aspects training to employees			Sr. No.	Time Period	Number of Employees	1	April 2024 to September 2024	1270																																					
Safety and Health aspects training to employees																																																
Sr. No.	Time Period	Number of Employees																																														
1	April 2024 to September 2024	1270																																														
ix	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report	Complied.																																														

**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, For April 2024 to September 2024

	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.	The company is complying 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 relating to the project will be implemented. Compliance to the EMP points is attached as Annexure-13																																			
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 7. Covid Relief & Support : 3.01 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 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																																			
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 border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th rowspan="2">Month</th> <th colspan="5">ZLD Unit Expenses (in Rs)</th> </tr> <tr> <th>Power - ETP</th> <th>Hazardous waste Disposal</th> <th>Chemicals</th> <th>Power (RO & MEE)</th> <th>Manpower</th> </tr> </thead> <tbody> <tr> <td>Apr/24</td> <td>478717.24</td> <td>3677891</td> <td>427701</td> <td>980877.88</td> <td>520580</td> </tr> <tr> <td>May/24</td> <td>478368.1</td> <td>2286025</td> <td>307800</td> <td>812147.29</td> <td>540524</td> </tr> <tr> <td>Jun/24</td> <td>510827.35</td> <td>3178706</td> <td>439786</td> <td>611335.45</td> <td>650478</td> </tr> <tr> <td>Jul/24</td> <td>533512.28</td> <td>4337721</td> <td>517321</td> <td>657435.45</td> <td>791588</td> </tr> </tbody> </table>	Month	ZLD Unit Expenses (in Rs)					Power - ETP	Hazardous waste Disposal	Chemicals	Power (RO & MEE)	Manpower	Apr/24	478717.24	3677891	427701	980877.88	520580	May/24	478368.1	2286025	307800	812147.29	540524	Jun/24	510827.35	3178706	439786	611335.45	650478	Jul/24	533512.28	4337721	517321	657435.45	791588
Month	ZLD Unit Expenses (in Rs)																																				
	Power - ETP	Hazardous waste Disposal	Chemicals	Power (RO & MEE)	Manpower																																
Apr/24	478717.24	3677891	427701	980877.88	520580																																
May/24	478368.1	2286025	307800	812147.29	540524																																
Jun/24	510827.35	3178706	439786	611335.45	650478																																
Jul/24	533512.28	4337721	517321	657435.45	791588																																

**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, For April 2024 to September 2024

		Aug/24	520923.3	3506300	489553	457485.45	764078
		Sep/24	500629.5	3736486	500350	1022143.92	731274
		Total	3022977.77	20723129	2682511	4541425.44	3998522
		The total expense is INR 3.49 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 Oct'23 to march 24 submitted on 28.05.2024 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.					

**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, For April 2024 to September 2024

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.
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 0304011371 00 00 , dated on 09.01.2024 and valid upto 08.01.2025 is attached as Annexure-17 .

**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, For April 2024 to September 2024

ANNEXURE - 1

Production Details

PRODUCTION Oct-23 to March-24									
Descriptions		CC&A Limits	Oct/23	Nov/23	Dec/23	Jan/24	Feb/24	Mar/24	Total
Hydrogenation	DCBH (Di Chloro Benzen Hydro Chloride)	7800 MT/Mo nth	256.87	189.62	233.80	136.04	69.26	439.823	1325.41
	1,3 DFB (Di Flouro Benzene)		3	17.4	27	18	33	27	125.40
Co-Products from Hydrogenation	Ortho Chloro Aniline	975 MT/Mo nth	18.00	22.002	22.002	16.00	47.08	9	134.09
Diazotization - Sandmeyer Reaction	2,3/2,5 DCP (Di Chloro Phenol)	2400 MT/Mo nth	36.44	41.00	21.50	0.00	0.00	0.00	98.94
	3,5 Di Chloro Nitro Benzene		0.00	0.00	105.00	127.00	42.00	98.00	372.00
Chlorination	2,6 Di Chloro Para Nitro Aniline	4000 MT/Mo nth	36.25	0.00	106.00	52.00	0.00	0.00	194.25



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Annexure-2

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 : EP/0924/02242	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02242	
Duration Sampling : 60 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.50	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	63189	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	60.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.322	-	SOP No.WI/ST/10

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

CHECKED BY
Sweety Patel (Dy.TM)

REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001429/24	Issue Date : 20-09-2024
	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 : 12-09-2024 Packing / Seal : Sealed

Sample Received Date : 13-09-2024 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-09-2024 Date of Completion : 14-09-2024

Sampling Method : WI/ST/A Sample ID : 0924/ST02242

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

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 : EP/0924/02243	Issue Date : 20-09-2024
	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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : ENPRO Team-Mr.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 12-09-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-09-2024	Date of Completion : 14-09-2024
Date of Starting of Test : 13-09-2024	Sample ID : 0924/ST02243
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 30 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	2.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	135	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO _x)	mg/Nm ³	20.8	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001430/24	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024
Sampling Method : WI/ST/A	Sample ID : 0924/ST02243
Duration Sampling : 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	13.60	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : EP/0924/02244	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02244	
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	0.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	56	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	19.7	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



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

ENPRO
Environment,
Energy, Water
Project Consultant



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : EP/0924/02245	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal : Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion : 14-09-2024
Sampling Method	: WI/ST/A	Sample ID : 0924/ST02245
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	2.10	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	127	-	IS 11255 (Part-3):2008

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 : TEE/001433/24	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02245	
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)


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 : EP/0924/02246	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02246	
Duration Sampling : 60 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.80	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	166	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	36.4	150	IS 11255 (Part-1):1985

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 : TEE/001435/24	Issue Date : 20-09-2024
	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.Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 12-09-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-09-2024	Date of Completion : 14-09-2024
Date of Starting of Test : 13-09-2024	Sample ID : 0924/ST02246
Sampling Method : WI/ST/A	Fuel : -
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

Test Report

Format No : QR/7.8/01	Test Report No : EP/0924/02247	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024
Sampling Method : WI/ST/A	Sample ID : 0924/ST02247
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	1.50	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	93	-	IS 11255 (Part-3):2008

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 : TEE/001436/24	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02247	
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)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : EP/0924/02248	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal	: Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion	: 14-09-2024
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02248
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	44	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	24.9	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO _x)	mg/Nm ³	19.4	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001438/24	Issue Date : 20-09-2024
	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.Vihang Patel	Date of Sampling : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Date of Starting of Test : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Sampling Method : WI/ST/A	Duration Sampling : 60 min.	Date of Completion : 14-09-2024
		Sample ID : 0924/ST02248
		Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : EP/0924/02249	Issue Date : 20-09-2024
	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.Vihang Patel	Date of Sampling : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Date of Starting of Test : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Sampling Method : WI/ST/A	Duration Sampling : 60 min.	Date of Completion : 14-09-2024
		Sample ID : 0924/ST02249
		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

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001439/24	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal : Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion : 14-09-2024
Sampling Method	: WI/ST/A	Sample ID : 0924/ST02249
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)


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : EP/0924/02250	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024
Sampling Method : WI/ST/A	Sample ID : 0924/ST02250
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	92	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001440/24	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024
Sampling Method : W/ST/A	Sample ID : 0924/ST02250
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	HCl	mg/Nm ³	4.20	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)

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

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

*** End of Report ***

Page 1 of 1



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000007942F	Issue Date : 21-08-2024
ULR No : TC588524000007942F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07942
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	60273	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	59.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.33	-	SOP No.WI/ST/10

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/004072/24	Issue Date : 21-08-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 14-08-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-08-2024	Date of Completion : 16-08-2024
Date of Starting of Test : 15-08-2024	Sample ID : 0824/ST07942
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

CHECKED BY

Sweety Patel (Dy.TM)

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

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000007943F	Issue Date : 21-08-2024
ULR No : TC588524000007943F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07943
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	2.30	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	140	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO _x)	mg/Nm ³	21.5	25	IS 11255 (Part 7) :2005

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004073/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07943
Duration Sampling : 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCl	mg/Nm ³	16.10	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000007944F	Issue Date : 21-08-2024
ULR No : TC588524000007944F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07944
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	0.7	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	43	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	22.4	25	IS 11255 (Part 7) :2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000007945F	Issue Date : 21-08-2024
ULR No : TC588524000007945F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 14-08-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-08-2024	Date of Completion : 16-08-2024
Date of Starting of Test : 15-08-2024	Sample ID : 0824/ST07945
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	2.00	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	120	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/003936/24	Issue Date : 21-08-2024
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	: Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 14-08-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-08-2024	Date of Completion	: 16-08-2024
Date of Starting of Test	: 15-08-2024	Sample ID	: 0824/ST07945
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 60 min.		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC58852400007946F	Issue Date : 21-08-2024
ULR No : TC58852400007946F	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 : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024 Packing / Seal : Sealed
Sample Received Date : 15-08-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024 Date of Completion : 16-08-2024
Sampling Method : WI/ST/A Sample ID : 0824/ST07946
Duration Sampling : 60 min. Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.60	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	166	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	34.1	150	IS 11255 (Part-1):1985

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/003937/24	Issue Date : 21-08-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 14-08-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-08-2024	Date of Completion : 16-08-2024
Date of Starting of Test : 15-08-2024	Sample ID : 0824/ST07946
Sampling Method : W/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400007947F	Issue Date : 21-08-2024
ULR No : TC58852400007947F	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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 15-08-2024

Packing / Seal : Sealed

Sample Received Date : 15-08-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-08-2024

Date of Completion : 16-08-2024

Sampling Method : WI/ST/A

Sample ID : 0824/ST07947

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

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004074/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07947
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400007948F	Issue Date : 21-08-2024
ULR No : TC58852400007948F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07948
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	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	49	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	30.3	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	21.8	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000842/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07948
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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

AUTHORISED SIGNATORY
Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2



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 : TC588524000007949F	Issue Date : 21-08-2024
ULR No : TC588524000007949F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-08-2024	Date of Completion : 16-08-2024
Date of Starting of Test : 15-08-2024	Sample ID : 0824/ST07949
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	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	50	-	IS 11255 (Part-3):2008

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004075/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07949
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000007950F	Issue Date : 21-08-2024
ULR No : TC588524000007950F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07950
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	1.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	88	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004076/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 15-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07950
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	9.00	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000006692F	Issue Date : 19-07-2024
ULR No : TC588524000006692F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06692
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	6.60	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	62901	-	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)	%	0.30	-	SOP No.WI/ST/10

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

AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003268/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06692

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : TC588524000006693F	Issue Date : 19-07-2024
ULR No : TC588524000006693F	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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06693
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 30 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	2.10	-	-
3	Flow Rate	Nm ³ /hr	129	-	IS 11255 (Part-3):2021
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	19.9	25	IS 11255 (Part-3):2008 IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003452/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06693

Duration Sampling : 30 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCl	mg/Nm ³	14.20	20	USEPA (Part-0050)

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

AUTHORISED SIGNATORY

Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy. TM)

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

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

*** End of Report ***

Page 2 of 2



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 : TC588524000006694F	Issue Date : 19-07-2024
ULR No : TC588524000006694F	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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06694

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 _x)	mg/Nm ³	23.1	25	IS 11255 (Part 7) :2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000006695F	Issue Date : 19-07-2024
ULR No : TC588524000006695F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06695
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	1.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	116	-	IS 11255 (Part-3):2008

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

CHECKED BY

Sweety Patel (Dy. TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003270/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06695

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000006696F	Issue Date : 19-07-2024
ULR No : TC588524000006696F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06696
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	1.40	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	154	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	30.2	150	IS 11255 (Part-1):1985

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003271/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06696

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000006697F	Issue Date : 19-07-2024
ULR No : TC588524000006697F	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	: Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 12-07-2024	Packing / Seal	: Sealed
Sample Received Date	: 13-07-2024	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 13-07-2024	Date of Completion	: 15-07-2024
Sampling Method	: WI/ST/A	Sample ID	: 0724/ST06697
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	1.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	88	-	IS 11255 (Part-3):2008

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003453/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06697

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)

AUTHORISED SIGNATORY

Chintan Desai (TM)

CHECKED BY

Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2



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 : TC588524000006698F	Issue Date : 19-07-2024
ULR No : TC588524000006698F	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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06698

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	0.60	-	
3	Flow Rate	Nm ³ /hr	46	-	IS 11255 (Part-3):2021
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	27.4	40	IS 11255 (Part-3):2008
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	18.0	25	IS 11255 (Part 2):1985
					IS 11255 (Part 7) :2005

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

CHECKED BY

Sweety Patel (Dy. TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003272/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 12-07-2024

Packing / Seal : Sealed

Sample Received Date : 13-07-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 13-07-2024

Date of Completion : 15-07-2024

Sampling Method : WI/ST/A

Sample ID : 0724/ST06698

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000006699F	Issue Date : 19-07-2024
ULR No : TC588524000006699F	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 : Nikunj Vaghasiya

Date of Sampling : 12-07-2024

Sample Received Date : 13-07-2024

Date of Starting of Test : 13-07-2024

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 : 15-07-2024

Sample ID : 0724/ST06699

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	0.90	-	
3	Flow Rate	Nm ³ /hr	55	-	IS 11255 (Part-3):2021
					IS 11255 (Part-3):2008

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

AUTHORISED SIGNATORY

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.

Page 1 of 2

CHECKED BY
Sweety Patel (Dy.TM)



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003273/24	Issue Date : 19-07-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06699
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

CHECKED BY
Sweety Patel (Dy.TM)

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

AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : TC58852400006700F	Issue Date : 19-07-2024
ULR No : TC58852400006700F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06700
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	1.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	75	-	IS 11255 (Part-3):2008

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

AUTHORISED SIGNATORY

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.

Page 1 of 2



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/000722/24	Issue Date : 19-07-2024
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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06700
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

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

AUTHORISED SIGNATORY

Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400006068F	Issue Date : 02-07-2024
ULR No : TC58852400006068F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06068
Duration Sampling : 60 min.	Fuel : -

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	65690	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	82.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.31	-	SOP No.WI/ST/10

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



CHECKED BY
Sweety Patel (Dy.TM)



AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003058/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06068
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000006069F	Issue Date : 02-07-2024
ULR No : TC588524000006069F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06069
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	1.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	112	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	22.7	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy. TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003047/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06069
Duration Sampling : 30 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCl	mg/Nm ³	12.20	20	USEPA (Part-0050)


CHECKED BY
Sweety Patel (Dy.TM)

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


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400006070F	Issue Date : 02-07-2024
ULR No : TC58852400006070F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06070
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 _x)	mg/Nm ³	19.9	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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 : TC58852400006071F	Issue Date : 02-07-2024
ULR No : TC58852400006071F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06071
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	2.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	147	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003048/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06071
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400006072F	Issue Date : 02-07-2024
ULR No : TC58852400006072F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06072
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.90	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	204	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	33.6	150	IS 11255 (Part-1):1985

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003059/24	Issue Date : 02-07-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06072
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000006073F	Issue Date : 02-07-2024
ULR No : TC588524000006073F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06073
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

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002798/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06073
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)


CHECKED BY
Sweety Patel (Dy.TM)

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

Page 2 of 2



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 : TC588524000006074F	Issue Date : 02-07-2024
ULR No : TC588524000006074F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06074
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	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	25.2	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	16.9	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/002799/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06074
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


AUTHORISED SIGNATORY
Chintan Desai (TM)


CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2



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 : TC58852400006075F	Issue Date : 02-07-2024
ULR No : TC58852400006075F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06075
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	61	-	IS 11255 (Part-3):2008

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


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/002800/24	Issue Date : 02-07-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06075
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400006076F	Issue Date : 02-07-2024
ULR No : TC58852400006076F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06076
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	1.50	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	93	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/000638/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06076
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	8.40	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000004197F	Issue Date : 23-05-2024
ULR No : TC588524000004197F	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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04197
Duration Sampling : 60 min. Fuel :-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	59138	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	90.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.32	-	SOP No.WI/ST/10

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001782/24	Issue Date : 23-05-2024
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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04197
Duration Sampling : 60 min. Fuel :-

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³, Methane (as CH₄)<0.1 %, Nitrous Oxide (N₂O)<0.1 ppm, Perfluorocarbons<1 ppm, Hydrofluorocarbons<5 ppm, Sulphur hexafluoride<1 ppm)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000004198F	Issue Date : 23-05-2024
ULR No : TC588524000004198F	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 : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 16-05-2024	Packing / Seal : Sealed	
Sample Received Date : 17-05-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 17-05-2024	Date of Completion : 18-05-2024	
Sampling Method : WI/ST/A	Sample ID : 0524/ST04198	
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	1.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	116	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	21.3	25	IS 11255 (Part 7) :2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/000460/24	Issue Date : 23-05-2024
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 : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 16-05-2024	Packing / Seal : Sealed	
Sample Received Date : 17-05-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 17-05-2024	Date of Completion : 18-05-2024	
Sampling Method : W/ST/A	Sample ID : 0524/ST04198	
Duration Sampling : 30 min.	Fuel : -	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCl	mg/Nm ³	13.60	20	USEPA (Part-0050)


CHECKED BY
Sweety Patel (Dy.TM)

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


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000004199F	Issue Date : 23-05-2024
ULR No : TC588524000004199F	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 : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024	Packing / Seal : Sealed
Sample Received Date : 17-05-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024	Date of Completion : 18-05-2024
Sampling Method : WI/ST/A	Sample ID : 0524/ST04199
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	0.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	57	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	21.6	25	IS 11255 (Part 7) :2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400004200F	Issue Date : 23-05-2024
ULR No : TC58852400004200F	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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04200
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	2.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	135	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/001783/24	Issue Date : 23-05-2024
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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04200
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC58852400004201F	Issue Date : 23-05-2024
ULR No : TC58852400004201F	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	: Prashant Patel	Packing / Seal	: Sealed
Date of Sampling	: 16-05-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-05-2024	Date of Completion	: 18-05-2024
Date of Starting of Test	: 17-05-2024	Sample ID	: 0524/ST04201
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	1.60	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	168	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	34.6	150	IS 11255 (Part-1):1985

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/000461/24	Issue Date : 23-05-2024
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 : Prashant Patel

Date of Sampling : 16-05-2024

Sample Received Date : 17-05-2024

Date of Starting of Test : 17-05-2024

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 : 18-05-2024

Sample ID : 0524/ST04201

Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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

AUTHORISED SIGNATORY

Chintan Desai (TM)

CHECKED BY

Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2

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 : TC58852400004202F	Issue Date : 23-05-2024
ULR No : TC58852400004202F	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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04202
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	1.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	74	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001784/24	Issue Date : 23-05-2024
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 : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024	Packing / Seal : Sealed
Sample Received Date : 17-05-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024	Date of Completion : 18-05-2024
Sampling Method : WI/ST/A	Sample ID : 0524/ST04202
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


AUTHORISED SIGNATORY
Chintan Desai (TM)


CHECKED BY
Sweety Patel (Dy.TM)

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

*** End of Report ***

Page 2 of 2

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 : TC588524000004203F	Issue Date : 23-05-2024
ULR No : TC588524000004203F	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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04203
Sampling Method : W/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	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	49	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	29.7	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	17.8	25	IS 11255 (Part 7) :2005

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


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/002174/24	Issue Date : 23-05-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04203
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, 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 : TC588524000004204F	Issue Date : 23-05-2024
ULR No : TC588524000004204F	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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04204
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	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	50	-	IS 11255 (Part-3):2008

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


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/001785/24	Issue Date : 23-05-2024
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	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Prashant Patel	Packing / Seal	: Sealed
Date of Sampling	: 16-05-2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-05-2024	Date of Completion	: 18-05-2024
Date of Starting of Test	: 17-05-2024	Sample ID	: 0524/ST04204
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 60 min.		

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


AUTHORISED SIGNATORY
Chintan Desai (TM)


CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2

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 : TC588524000004205F	Issue Date : 23-05-2024
ULR No : TC588524000004205F	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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04205
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	1.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	86	-	IS 11255 (Part-3):2008

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


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Sachin-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/000463/24	Issue Date : 23-05-2024
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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04205
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	9.20	-	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000002900F	Issue Date : 16/04/2024
ULR No : TC588524000002900F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02900

Duration Sampling : 60 min.

Fuel :-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	77376	-	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

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001257/24	Issue Date : 16/04/2024
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02900

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³, Methane (as CH₄)<0.1 %, Nitrous Oxide (N₂O)<0.1 ppm, Perfluorocarbons<1 ppm, Hydrofluorocarbons<5 ppm, Sulphur hexafluoride<1 ppm)

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


CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400002901F	Issue Date : 16/04/2024
ULR No : TC58852400002901F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02901

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	2.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	133	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	17.9	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001258/24	Issue Date : 16/04/2024
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02901

Duration Sampling : 30 min.

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCl	mg/Nm ³	15.30	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000002902F	Issue Date : 16/04/2024
ULR No : TC588524000002902F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02902

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	0.70	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	43	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	23.9	25	IS 11255 (Part 7) :2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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 : TC58852400002903F	Issue Date : 16/04/2024
ULR No : TC58852400002903F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02903
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	1.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	115	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001627/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02903
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000002904F	Issue Date : 16/04/2024
ULR No : TC588524000002904F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02904
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.50	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	161	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	29.2	150	IS 11255 (Part-1):1985

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001259/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02904
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000002905F	Issue Date : 16/04/2024
ULR No : TC588524000002905F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02905
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	0.90	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	55	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001628/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02905
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400002906F	Issue Date : 16/04/2024
ULR No : TC58852400002906F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02906

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	0.60	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	38	-	IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	26.7	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	20.2	25	IS 11255 (Part 7) :2005

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001629/24	Issue Date : 16/04/2024
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 09/04/2024

Packing / Seal : Sealed

Sample Received Date : 10/04/2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 10/04/2024

Date of Completion : 11/04/2024

Sampling Method : WI/ST/A

Sample ID : 0424/ST02906

Duration Sampling : 60 min.

Fuel : -

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400002907F	Issue Date : 16/04/2024
ULR No : TC58852400002907F	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 : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 09/04/2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 10/04/2024	Date of Completion : 11/04/2024
Date of Starting of Test : 10/04/2024	Sample ID : 0424/ST02907
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	1.10	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ³ /hr	66	-	IS 11255 (Part-3):2008

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



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/001260/24	Issue Date : 16/04/2024
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	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 09/04/2024	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 10/04/2024	Date of Completion	: 11/04/2024
Date of Starting of Test	: 10/04/2024	Sample ID	: 0424/ST02907
Sampling Method	: WI/ST/A	Fuel	: -
Duration Sampling	: 60 min.		


RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC < 1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400002908F	Issue Date : 16/04/2024
ULR No : TC58852400002908F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02908
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	97	-	IS 11255 (Part-3):2008

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

Chintan Desai

AUTHORISED SIGNATORY
Chintan Desai (TM)

Sweety Patel

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001643/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02908
Duration Sampling : 60 min.	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	8.30	20	USEPA (Part-0050)

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

AUTHORISED SIGNATORY
Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2

Environmental Testing Laboratory

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

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

TEST REPORT

Test Report No.: EP/AILAL/0924/F02 Issue Date: 20 / 09 / 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	: 12 / 09 / 24		
Sample Received Date	: 13 / 09 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 13 / 09 / 24	Sample ID	: 0924/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	$\mu\text{g}/\text{m}^3$	4.2
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.



ANALYSED BY



CHECKED BY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

TEST REPORT

Test Report No.: EP/AILAL/0924/F01	Issue Date: 20 / 09 / 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	: 12 / 09 / 24		
Sample Received Date	: 13 / 09 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 13 / 09 / 24	Sample ID	: 0924/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.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

TEST REPORT

Test Report No.: EP/AILAL/0824/F01	Issue Date: 21 / 08 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 14 / 08 / 24		
Sample Received Date	: 15 / 08 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 15 / 08 / 24	Sample ID	: 0824/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	3.4
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

TEST REPORT

Test Report No.: EP/AIALAL/0824/F02 Issue Date: 21 / 08 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 14 / 08 / 24		
Sample Received Date	: 15 / 08 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 15 / 08 / 24	Sample ID	: 0824/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	$\mu\text{g}/\text{m}^3$	4.6
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

TEST REPORT

Test Report No.: EP/AILAL/0724/F01	Issue Date: 19 / 07 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 12 / 07 / 24		
Sample Received Date	: 13 / 07 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 13 / 07 / 24	Sample ID	: 0724/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	3.0
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

TEST REPORT

Test Report No.: EP/AILAL/0724/F02 Issue Date: 19 / 07 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 12 / 07 / 24		
Sample Received Date	: 13 / 07 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 13 / 07 / 24	Sample ID	: 0724/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.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

TEST REPORT

Test Report No.: EP/AILAL/0624/F01	Issue Date: 02 / 07 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 25 / 06 / 24		
Sample Received Date	: 26 / 06 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 26 / 06 / 24	Sample ID	: 0624/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	2.5
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: **EP/AIALAL/0624/F02** Issue Date: **02 / 07 / 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	: Nikunj Vaghasiya	Packing/Seal	: Sealed
Date of Sampling	: 25 / 06 / 24		
Sample Received Date	: 26 / 06 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 26 / 06 / 24	Sample ID	: 0624/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	3.2
4.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: EP/AILAL/0524/F01	Issue Date: 23 / 05 / 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	: Prashant Patel	Packing/Seal	: Sealed
Date of Sampling	: 16 / 05 / 24		
Sample Received Date	: 17 / 05 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 17 / 05 / 24	Sample ID	: 0524/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	1.9
3.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TEST REPORT

Test Report No.: EP/AILAL/0524/F02 Issue Date: 23 / 05 / 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	: Prashant Patel	Packing/Seal	: Sealed
Date of Sampling	: 16 / 05 / 24		
Sample Received Date	: 17 / 05 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 17 / 05 / 24	Sample ID	: 0524/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	$\mu\text{g}/\text{m}^3$	4.2
4.	Formaldehyde	$\mu\text{g}/\text{m}^3$	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TEST REPORT

Test Report No.: **EP/AILAL/0424/F01** Issue Date: **16 / 04 / 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	: Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 09 / 04 / 24		
Sample Received Date	: 10 / 04 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 10 / 04 / 24	Sample ID	: 0424/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.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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

TEST REPORT

Test Report No.: **EP/AILAL/0424/F02** Issue Date: **16 / 04 / 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	: Vihang Patel	Packing/Seal	: Sealed
Date of Sampling	: 09 / 04 / 24		
Sample Received Date	: 10 / 04 / 24	Protocol (purpose)	: Fugitive emission
Date of Starting of Test	: 10 / 04 / 24	Sample ID	: 0424/F01
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	2.9
4.	Formaldehyde	µg/m ³	N.T

Note: N.T.: Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000002898F	Issue Date : 16/04/2024
ULR No : TC588524000002898F	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 : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 09/04/2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 10/04/2024	Date of Completion : 11/04/2024
Date of Starting of Test : 10/04/2024	Sample ID : 0424/ST02898
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	144	-	IS 11255 (Part-3):2021
4	Velocity	m/s	5.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1446	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	70.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	29.0	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	33.8	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001256/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02898
Duration Sampling : 60 min.	Fuel : Diesel

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400002899F	Issue Date : 16/04/2024
ULR No : TC58852400002899F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02899
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	118	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1659	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	65.5	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	37.7	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.2	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/001625/24	Issue Date : 16/04/2024
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 09/04/2024	Packing / Seal : Sealed
Sample Received Date : 10/04/2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 10/04/2024	Date of Completion : 11/04/2024
Sampling Method : WI/ST/A	Sample ID : 0424/ST02899
Duration Sampling : 60 min.	Fuel : Diesel


RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000004195F	Issue Date : 23-05-2024
ULR No : TC588524000004195F	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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04195
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	130	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1839	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	74.4	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	25.0	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	21.5	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/001780/24	Issue Date : 23-05-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-05-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-05-2024	Date of Completion : 18-05-2024
Date of Starting of Test : 17-05-2024	Sample ID : 0524/ST04195
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


AUTHORISED SIGNATORY
Chintan Desai (TM)


CHECKED BY
Sweety Patel (Dy.TM)

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

*** End of Report ***

Page 2 of 2

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 : TC588524000004196F	Issue Date : 23-05-2024
ULR No : TC588524000004196F	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 : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-05-2024 Packing / Seal : Sealed
Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024
Sampling Method : WI/ST/A Sample ID : 0524/ST04196
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	122	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1527	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	69.7	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	30.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	13.1	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
Sachin-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/001781/24	Issue Date : 23-05-2024
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 : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 16-05-2024	Packing / Seal : Sealed	
Sample Received Date : 17-05-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 17-05-2024	Date of Completion : 18-05-2024	
Sampling Method : WI/ST/A	Sample ID : 0524/ST04196	
Duration Sampling : 60 min.	Fuel : Diesel	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000006066F	Issue Date : 02-07-2024
ULR No : TC588524000006066F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 25-06-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 26-06-2024	Date of Completion : 27-06-2024
Date of Starting of Test : 26-06-2024	Sample ID : 0624/ST06066
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	125	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1770	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	72.9	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	28.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	21.1	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002814/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06066
Duration Sampling : 60 min.	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC58852400006067F	Issue Date : 02-07-2024
ULR No : TC58852400006067F	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 : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 25-06-2024

Packing / Seal : Sealed

Sample Received Date : 26-06-2024

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 26-06-2024

Date of Completion : 27-06-2024

Sampling Method : WI/ST/A

Sample ID : 0624/ST06067

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	136	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1521	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	62.7	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	31.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	13.4	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002815/24	Issue Date : 02-07-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 25-06-2024	Packing / Seal : Sealed
Sample Received Date : 26-06-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 26-06-2024	Date of Completion : 27-06-2024
Sampling Method : WI/ST/A	Sample ID : 0624/ST06067
Duration Sampling : 60 min.	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)

AUTHORISED SIGNATORY
Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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

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

*** End of Report ***

Page 2 of 2



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 : TC588524000006690F	Issue Date : 19-07-2024
ULR No : TC588524000006690F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06690
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	130	-	-
4	Velocity	m/s	6.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1588	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	74.4	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	33.9	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	26.3	50	IS 11255 (Part-7):2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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/003266/24	Issue Date : 19-07-2024
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	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06690
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60 min.	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000006691F	Issue Date : 19-07-2024
ULR No : TC588524000006691F	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 : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 12-07-2024	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 13-07-2024	Date of Completion : 15-07-2024
Date of Starting of Test : 13-07-2024	Sample ID : 0724/ST06691
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	128	-	-
4	Velocity	m/s	6.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1497	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	60.6	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	29.7	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	14.1	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7):2005

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003267/24	Issue Date : 19-07-2024
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	: Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 12-07-2024	Packing / Seal	: Sealed
Sample Received Date	: 13-07-2024	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 13-07-2024	Date of Completion	: 15-07-2024
Sampling Method	: WI/ST/A	Sample ID	: 0724/ST06691
Duration Sampling	: 60 min.	Fuel	: Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000007940F	Issue Date : 21-08-2024
ULR No : TC588524000007940F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07940
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	142	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1894	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	76.7	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	30.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	35.9	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000841/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07940
Duration Sampling : 60 min.	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588524000007941F	Issue Date : 21-08-2024
ULR No : TC588524000007941F	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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07941
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	134	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1530	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	64.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	23.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	31.4	50	IS 11255 (Part-7):2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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.

Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : ETL/003935/24	Issue Date : 21-08-2024
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 : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 14-08-2024	Packing / Seal : Sealed
Sample Received Date : 15-08-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-08-2024	Date of Completion : 16-08-2024
Sampling Method : WI/ST/A	Sample ID : 0824/ST07941
Duration Sampling : 60 min.	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	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)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

ENPRO
Environment,
Energy, Water
Project Consultant

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 : EP/0924/02240	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal : Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion : 14-09-2024
Sampling Method	: WI/ST/A	Sample ID : 0924/ST02240
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	140	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1826	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	74.2	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	28.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	32.7	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



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001426/24	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal : Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion : 14-09-2024
Sampling Method	: WI/ST/A	Sample ID : 0924/ST02240
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



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

ENPRO
Environment,
Energy, Water
Project Consultant



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : EP/0924/02241	Issue Date : 20-09-2024
	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	: 12-09-2024	Packing / Seal : Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completion : 14-09-2024
Sampling Method	: WI/ST/A	Sample ID : 0924/ST02241
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	124	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	1702	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	60.2	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	26.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	29.4	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



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

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/01	Test Report No : TEE/001427/24	Issue Date : 20-09-2024
	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 : 12-09-2024	Packing / Seal : Sealed	
Sample Received Date : 13-09-2024	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 13-09-2024	Date of Completion : 14-09-2024	
Sampling Method : WI/ST/A	Sample ID : 0924/ST02241	
Duration Sampling : 60 min.	Fuel : Diesel	

RESULT TABLE

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

Note : BDL :- Below Detectable Limit

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1

OFFICE OF THE DEPUTY EXECUTIVE ENGINEER
PLOT NO. C/5 / 101, ADMINISTRATIVE OFFICE BUILDING , NEAR TELEPHONE EXCHANGE,
GIDC CHAR RASTA VAPI - 396195.
☎ (0260) 2432669, 670 FAX No. 0260 2420502

No:GIDC/DEE(DRN)/VPI/2018

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.

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

Annexure-6

OCEMS connection to CPCB

The screenshot shows the Central Pollution Control Board (CPCB) OCEMS dashboard for Aarti Industries Limited (Alchemie Organic Div.). The dashboard displays the following information:

- Company Information:** Aarti Industries Limited (Alchemie Organic Div.), (06GJ045), Plot no. 902, Phase III, GIDC Vapi, Vapi Gujarat PIN - 396195, Station: 1.
- Diagnostic Status:** All parameters (pH, COD, an) show a green thumbs-up icon, indicating compliance.
- Parameter Data:**
 - pH:** 7.5 pH (Apr 30, 2024, 12:54:00 PM). Prescribed Standard: 6 - 8.5 pH.
 - COD:** 0 mg/L (Apr 30, 2024, 12:54:00 PM). Prescribed Standard: 250 mg/L.
 - an:** 0 mg/L (Apr 30, 2024, 12:54:00 PM).
- Online Alerts:** A yellow alert is shown for the last 30 days, with a "Submit Response" button.
- SMS Communicated:** 0 SMS communicated in the last 7 days.

Site best viewed at 1024 x 768 resolution in Mozilla 45.0 or above, Google Chrome 50.0 or above. © 2023 Central Pollution Control Board - All Rights Reserved. Disclaimer |

OCEMS connection to GPCB

The screenshot shows the Gujarat Pollution Control Board (GPCB) OCEMS dashboard for Aarti Industries Limited (Organic Division). The dashboard displays the following information:

- Location:** ETP_Outlet, Vapi, Gujarat, DYE AND DYE INT. Data fetched at: 2024-04-30T12:36:00Z. Monitoring Stations: 1. Total Parameters Monitored: 4.
- Parameter Data:**
 - AN:** 3.6 mg/l (Standard: mg/l, 15 minutes Average). Quick Range: Daily, Weekly, Monthly.
 - Total Exceedances:** 0
 - Data Availability (%):** 99.17
- Navigation:** Previous Day, Next Day.
- Parameter List:**
 - ETP_Outlet AN: 3.6 mg/l, Standard - mg/l
 - ETP_Outlet BOD: 4.9 mg/l, Standard - mg/l
 - ETP_Outlet COD: 41.3 mg/l, Standard - mg/l
 - ETP_Outlet pH: 7.7 pH, Standard - -pH
- Chart:** A line chart showing the AN parameter value (mg/l) over time, with values consistently around 3.6 mg/l.

Work Flow | ENG | 13:00 | 30-04-2024



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+05:30

Authorized Signatory

Unit Location

Plot No. 223/2, GIDC Estate Panoli, Panoli - 394 116
Ankleshwar, Dist. Bharuch, Gujarat, India.
Phone : +91 2646 272029
CIN - U37100MH2012PTC237696

Regd. Office

370, SVP Road, Shop 8, Plot 384, Cigaretwala Building,
Opp.CBI, Prathna Samaj, Nr.Harkishandas Hospital,
Mumbai - 400 034, Maharashtra, India.

E-mail :

mail@rs-pl.com

Website :

www.rs-pl.com



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

Date of Expiration : 04.06.2025

Place of Issue : Surat

For, Saurashtra Enviro Projects Pvt. Ltd.

Director

SUBJECT TO SURAT JURISDICTION



"Certificate"

DETOX INDIA
operated by **VEOLIA**

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-395 002 (Guj.) INDIA

Ph. : +91 261 2351248, 2346181, E-mail : sepl.magnad@gmail.com | CIN : U51101GJ2015PTC083237



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 **CI/OBD/114**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you.

Yours faithfully,
For **BHARUCH ENVIRO INFRASTRUCTURE LTD.**

AUTHORISED SIGNATORY

Annexure-8



सत्यमेव जयते

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/Dated : 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 विधिमान्य 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

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

वार्षिक शुल्क/रू/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 सिलेण्डरों 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 2033 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30th September 2033.

For Jt. Chief Controller of Explosives
Vadodara
कृते 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 सिलेण्डरों में भरी गैस रखने के लिए अनुज्ञप्त परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को 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)	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, राज्या : Gujarat. / and is situated at PlotNo : 902, 923 & 930 Village/Town : GIDC Vapi Police Station : GIDC Vapi District : VALSAD, State: Gujarat.

नवीकरण के पुष्टांकन 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
इस अनुज्ञप्ति को, विस्फोटक अधिनियम, 1884 या उसके अधीन बनाए गए गैस सिलेण्डर नियम, 2016 के उपबंधों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक 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	07/08/2023	30/09/2033	Tejveer Singh DCE For Jt. Chief Controller of Explosives Vadodara

यदि अनुज्ञप्त परिसर इससे उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा। / This licence is liable to be cancelled if the licenced 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, सयाजी 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 फार्म एफ के अंतर्गत - निरीक्षण एवं अनुज्ञप्ति 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
(s),

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 अधोहस्ताक्षरकर्ता/ इस कार्यालय के अधिकारी द्वारा को किए गए 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, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन this office कार्यालय को इस अनुज्ञप्ति 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 अनुज्ञप्ति स्वतः निरस्त हो जाएगी। /Please note that your application for further renewal should reach this office on or before 30th Septemebr, 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, सयाजी गंज
वडोदरा - 390020
8th Floor, Yash Kamal Building, Sayajigunj, Vadodara - 390020

इमेल /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 अनुज्ञप्ति 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 अनुज्ञप्ति 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 अनुज्ञप्ति 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 पावती दे।/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 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 सिलेण्डरों 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
DY. CHIEF CONTROLLER OF EXPLOSIVES, VADODRA

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

निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुज्ञप्त परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को 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)	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, राज्या : Gujarat.

/ and is situated at PlotNo : 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
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 अनुज्ञप्त परिसर इससे उपादक 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 सकता है, 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

गैस सिलेंडर नियम, 2016 के अधीन विषाक्त गैस कंटेनरों / सिलेंडर के भरण एवं भंडारण के लिए अतिरिक्त शर्तों/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 कंटेड ब्रीदिंग अंपरेटस) और दो कनस्तर 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.
अनुज्ञासिधारी के पास विभिन्न उपकरण और औजार, जैसे सिलेंडर और टनरों के लिए वाल्वन हूड, सिलेंडर वाल्व रिसाव के लिए क्लैंप और टनरों के वाल्व के रिसाव के लिए चेन और योक असेंबलि 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.
 - संयंत्र के बंद होने/लॉक-अप के मामले में, परिसर में कोई विषाक्त गैस युक्त सिलेंडर नहीं रखा जाएगा।/In case of closure/cock-up of the filling plant, no cylinder containing toxic gas shall be retained in the premises.
 - 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, वडोदरा
DY. CHIEF CONTROLLER OF EXPLOSIVES, VADODARA

Annexure-9

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

Annexure-10

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 border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 60%;">Name of Products</th> <th style="width: 30%;">Proposed production Capacity (MT/Year)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td colspan="2">Hydrogenation</td> </tr> <tr> <td style="text-align: center;">1.1</td> <td>DCBH (Di chloro Benzene hydro Chloride)</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">4000</td> </tr> <tr> <td style="text-align: center;">1.2</td> <td>1,3 D.F.B (Di fluoro benzene)</td> </tr> <tr> <td style="text-align: center;">1.3</td> <td>3,5/2,6 DFA (Di fluoro Aniline)</td> </tr> <tr> <td style="text-align: center;">1.4</td> <td>OT Base</td> </tr> <tr> <td style="text-align: center;">1.5</td> <td>Di Anisidine</td> </tr> <tr> <td style="text-align: center;">1.6</td> <td>Ortho Toluene</td> <td style="text-align: center;">87</td> </tr> <tr> <td style="text-align: center;">1.7</td> <td>Ortho Anisidine</td> <td style="text-align: center;">87</td> </tr> <tr> <td style="text-align: center;">1.8</td> <td>Ortho Chloro Aniline</td> <td style="text-align: center;">975</td> </tr> <tr> <td style="text-align: center;">2</td> <td colspan="2">Diazotization</td> </tr> <tr> <td style="text-align: center;">2.1</td> <td>2,3/2,5 DCP (Di Chloro Phenol)</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">2400</td> </tr> <tr> <td style="text-align: center;">2.2</td> <td>3,5 Di Chloro Nitro Benzene</td> </tr> <tr> <td style="text-align: center;">2.3</td> <td>1,3,5 TCB</td> </tr> <tr> <td style="text-align: center;">2.4</td> <td>Para Fluoro Phenol (PFP)</td> </tr> <tr> <td style="text-align: center;">3</td> <td colspan="2">Bromination</td> </tr> <tr> <td style="text-align: center;">3.1</td> <td>3,4,5 Tri Fluoro Bromo Benzene</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">1000</td> </tr> <tr> <td style="text-align: center;">3.2</td> <td>2 Bromo 4 Flouro Acetanilide</td> </tr> <tr> <td style="text-align: center;">3.3</td> <td>Di Chloro Bromo Benzene</td> </tr> <tr> <td style="text-align: center;">4</td> <td colspan="2">Condensation</td> </tr> <tr> <td style="text-align: center;">4.1</td> <td>Quinalphose (TECH) (Diethyl 2-Hydroxy Thiophosphoryl Chloride)</td> <td style="text-align: center;">600</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Para Fluoro Anisol</td> <td style="text-align: center;">200</td> </tr> <tr> <td style="text-align: center;">6</td> <td colspan="2">Hydrolysis</td> </tr> <tr> <td style="text-align: center;">6.1</td> <td>4 CAP</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">200</td> </tr> <tr> <td style="text-align: center;">6.2</td> <td>2 CAP</td> </tr> <tr> <td style="text-align: center;">6.3</td> <td>2,3,4 TFA</td> </tr> <tr> <td style="text-align: center;">7</td> <td colspan="2">Chlorination</td> </tr> <tr> <td style="text-align: center;">7.1</td> <td>2,6 DCPNA</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">4000</td> </tr> <tr> <td style="text-align: center;">7.2</td> <td>2,4,6 TCA</td> </tr> </tbody> </table>	Sr. No.	Name of Products	Proposed production Capacity (MT/Year)	1.	Hydrogenation		1.1	DCBH (Di chloro Benzene hydro Chloride)	4000	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>
Sr. No.	Name of Products	Proposed production Capacity (MT/Year)																																																																											
1.	Hydrogenation																																																																												
1.1	DCBH (Di chloro Benzene hydro Chloride)	4000																																																																											
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																																																																												
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 b. Domestic : 70 KLD c. Gardening : 30 KLD</p>	<p>Complied.</p> <p>Water Consumption is well within Limit.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Month</th> <th style="width: 20%;">Avg fresh water Consumption (m3/D)</th> <th style="width: 20%;">Avg recycled water Consumption (m3/D)</th> <th style="width: 20%;">Avg Total water Consumption (m3/D)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Apr/24</td> <td style="text-align: center;">342.87</td> <td style="text-align: center;">74.47</td> <td style="text-align: center;">417.33</td> </tr> </tbody> </table>	Month	Avg fresh water Consumption (m3/D)	Avg recycled water Consumption (m3/D)	Avg Total water Consumption (m3/D)	Apr/24	342.87	74.47	417.33																																																																			
Month	Avg fresh water Consumption (m3/D)	Avg recycled water Consumption (m3/D)	Avg Total water Consumption (m3/D)																																																																										
Apr/24	342.87	74.47	417.33																																																																										

										<table border="1"> <tbody> <tr> <td>May/24</td> <td>312.16</td> <td>63</td> <td>375.16</td> </tr> <tr> <td>Jun/24</td> <td>297.6</td> <td>66.17</td> <td>363.77</td> </tr> <tr> <td>Jul/24</td> <td>133.71</td> <td>35.74</td> <td>169.45</td> </tr> <tr> <td>Aug/24</td> <td>233.61</td> <td>33.84</td> <td>267.45</td> </tr> <tr> <td>Sep/24</td> <td>207.93</td> <td>33.9</td> <td>241.83</td> </tr> <tr> <td>Average</td> <td>254.64</td> <td>51.18</td> <td>305.83</td> </tr> <tr> <td>Limit as per EC</td> <td>599</td> <td>268</td> <td>867</td> </tr> </tbody> </table>	May/24	312.16	63	375.16	Jun/24	297.6	66.17	363.77	Jul/24	133.71	35.74	169.45	Aug/24	233.61	33.84	267.45	Sep/24	207.93	33.9	241.83	Average	254.64	51.18	305.83	Limit as per EC	599	268	867
May/24	312.16	63	375.16																																			
Jun/24	297.6	66.17	363.77																																			
Jul/24	133.71	35.74	169.45																																			
Aug/24	233.61	33.84	267.45																																			
Sep/24	207.93	33.9	241.83																																			
Average	254.64	51.18	305.83																																			
Limit as per EC	599	268	867																																			
3.2	Total quantity of Wastewater generated from manufacturing process and other ancillary operations shall not exceed 242 KLD.							Complied.																														
								Total quantity of Wastewater generated from manufacturing process and other ancillary operations is not exceeded and is well within the consented quantities.																														
3.4	Generated @242 KLD industrial effluent shall be treated in ETP followed by RO Plants (2 Nos) (150 KLD Capacity) and MEE Plant (50 KLD Capacity) and reuse within premises and maintain Zero Liquid Discharge.							Complied.																														
								Unit has Installed ZLD SYstem Including ETP + RO + MEE for maintaining Zero Liquid Discharge (ZLD).																														
3.5	The quantity of the domestic wastewater (sewage) shall not exceed 60 KLD which shall be disposed off through septic tank/soak pit							Complied.																														
								Unit is treating the Sewage in ETP and also in a process to install a Sewage treatment plant.																														
3.6	Domestic effluent shall be treated in STP and utilize for gardening/plantation after confirming below standard:							Unit is treating the Sewage in ETP and also in a process to install a Sewage treatment plant.																														
	Parameter		Norms																																			
	pH		6.5-9.0																																			
	BOD		30 Mg/l																																			
	TSS		<100 mg/l																																			
	Fecal Coliform (MPN/100ml)		<1000																																			
4.	CONDITIONS UNDER THE AIR (PREVENTION AND CONTROL OF POLLUTION)ACT 1981:																																					
4.1	The following shall be used as fuel.							Complied.																														
	Sr. No.	Fuel	Quantity				Unit is Using Diesel for DG set and for Steam taken form M/S Aarti Industries Limited (Acid Division) by pipeline.																															
	1.	Diesel	360 Ltr/Hr																																			
	2.	Steam From M/S Aarti Industries (Acid Div)	31 TPH																																			
4.1	The additional flue gas emission through following stack shall confirm to the following standards:							Complied.																														
	Sr. No.	Fuel	Stack Height in Meter	Air Pollution Control System	Parameter	Permissible Limit																																
	1.	Diesel for D.G set (450 KVA)	11	Acoustic closure	PM So2 Nox	150 mg/Nm ³ 100 ppm 50 ppm																																
	2.	Diesel for D.G set (750 KVA)	11	Acoustic closure		Report of the same is attached here																																

3.	Diesel for D.G set (750 KVA)	11	Acoustic closure		
----	------------------------------	----	------------------	--	--

Month	DG Set	PM in mg/Nm ³	SOx in ppm	NOx in ppm
GPCB Limit		150	100	50
Apr/24	DG set 750 KVA - I	65.4	29	33.8
	DG set 750 KVA - II	65.5	37.7	19.2
May/24	DG set 750 KVA - I	69.7	25	21.5
	DG set 750 KVA - II	69.7	30.4	13.1
Jun/24	DG set 750 KVA - I	72.9	31.3	13.4
	DG set 750 KVA - II	72.9	28.4	21.1
Jul/24	DG set 750 KVA - I	60.6	33.9	26.6
	DG set 750 KVA - II	60.6	29.6	21.1
Aug/24	DG set 750 KVA - I	64.1	30.2	35.5
	DG set 750 KVA - II	64.1	23.1	31.4
Sep/24	DG set 750 KVA - I	60.2	28.4	32.7
	DG set 750 KVA - II	60.2	26.1	29.4

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

Stack No.	Stack attached to	Stack height	Air Pollution Control system	Parameter	Permissible Limit
1.	Chlorinator	11 m	Water Scrubber + Alkali Scrubber	Cl ₂ HCL	09 Mg.Nm ³ 20 Mg/Nm ³
2.	SFD Dryer	11 m	Water Scrubber	PM	150 Mg/Nm ³
3.	Reaction (Daizo) Vessels	11m	Water Scrubber + Alkali Scrubber	Nox HCL	25 Mg.Nm ³ 20 Mg/Nm ³
4.	Reactor of 2-Bromo 4 Fluoro acetanilide Di Chloro Bromo Benzene	16 m	Water scrubber followed by alkali Scrubber	Br ₂ HBr	09 mg/NM ³ 20 mg/NM ³
5.	DCNB Decomposition	11m	3 Stage Water Scrubber + Alkali Scrubber	Nox	25 Mg.Nm ³
6.	DCBH - 3 Scrubber	11 m	Alkali Scrubber	HCL	20 Mg/Nm ³

Complied.

Process gas Parameters is well within the consented limit & Adequate stake height is provided as per consent.

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

Month	DCNB Decomposition	DCBH - 3	SFD Dryer	Diazo Reaction
Apr/24	NOx : 23.9	HCL :14	PM : 64	NOx : 17.09
May/24	NOx : 21.60	HCL :12	PM : 90	NOx : 21.3
Jun/24	NOx : 19.90	HCL :15	PM : 82	NOx : 22.7
Jul/24	NOx : 23.10	HCL :17	PM : 64	NOx : 19.9
Aug/24	NOx : 22.40	HCL :09	PM : 59	NOx : 21.50
Sep/24	NOx : 19.70	HCL :11	PM : 60	NOx : 20.80
GPCB Limit	NOx : 25	HCL : 20	PM : 150	NOx : 25 HCL : 20

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:

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

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

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
Apr/24	Nr.ETP	81	42	22	30.3	0.66
	Nr. DCNB plant	81.6	42.1	24.3	31.6	0.65
	Nr. Maintenance Room	80	40	24.8	31.4	0.63
May/24	Nr.ETP	81.8	38	21.4	29.4	0.66
	Nr. DCNB plant	78.5	39.4	21.2	28.2	0.67
	Nr. Maintenance Room	79.5	40.8	23.7	31.5	0.72
Jun/24	Nr.ETP	75.6	38.2	21.5	26.8	0.54
	Nr. DCNB plant	75.6	38.2	26.9	22.7	0.66
	Nr. Maintenance Room	77	39.4	23.4	27.4	0.65
Jul/24	Nr.ETP	63.4	28.3	26.5	36.8	0.44
	Nr. DCNB plant	61.5	27.4	24.1	30.2	0.45
	Nr. Maintenance Room	60.7	28.2	24.5	30.5	0.48
Aug/24	Nr.ETP	60.5	26.9	25.7	28.9	0.59
	Nr. DCNB plant	63.9	29.5	28.8	32.5	0.6
	Nr. Maintenance Room	57.8	26.4	26.2	30.2	0.54
Sep/24	Nr.ETP	60.8	27.4	25.5	29.4	0.61
	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

		Room																																										
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	<p>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.</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Name and Category of hazardous waste</th> <th></th> <th>Authorized mode of disposal or recycling or utilization or co-processing</th> <th>Quantity (Per Year)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Used Oil</td> <td>5.1</td> <td>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.</td> <td>4.0 KL</td> </tr> <tr> <td>2.</td> <td>Discarded Container / Bags</td> <td>33.1</td> <td>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.</td> <td>96 MT</td> </tr> <tr> <td>3.</td> <td>ETP Waste</td> <td>35.3</td> <td rowspan="2">Collection, Storage, Transportation, Disposal by sending to approved and authorized CHWTSDF sites by use of GPC mounted vehicles and XGN manifest system.</td> <td>5760 MT</td> </tr> <tr> <td>4.</td> <td>MEE Salt</td> <td>35.3</td> <td>1440 MT</td> </tr> <tr> <td>5.</td> <td>Process waste/ Distillation Residue</td> <td>26.1</td> <td>Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.</td> <td>3675 MT</td> </tr> <tr> <td>6.</td> <td>Spent Catalyst</td> <td>26.5</td> <td>Collection, Storage, Transportation, Disposal by sending to authorized Re generators/ Co-Processors/ Pre processors /CHWIF sites by</td> <td>850.92 MT</td> </tr> </tbody> </table>					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 Re generators/ Co-Processors/ Pre processors /CHWIF sites by	850.92 MT	<p>Complied.</p> <p>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..</p>				
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 Re generators/ Co-Processors/ Pre processors /CHWIF sites by	850.92 MT																																								

			use of GPC mounted vehicles and XGN manifest system.	
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	24 MT

			mounted vehicles and XGN manifest system.		
	20	Ofl 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.				
	<ol style="list-style-type: none"> 1. The authorized person shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under. 2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board. 3. The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions. which the Board deems, fit in accordance with Section 27 of the Act. 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. 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. 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. 7. The person authorized shall comply with the provisions outlined in the central pollution control board guidelines on “implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty. 8. It is the duty of the authorized person to take prior permission of the state pollution control board to close down the facility. 9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation. 10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained. 11. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be maintained. 				Noted and is being Complied

	<ol style="list-style-type: none"> 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 Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : September-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											
		PM ₁₀ Unit 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	Benzen _a µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	02/09/2024	53.5	24.8	22.5	27.3	0.58	18.4	12.6	BDL	BDL	BDL	BDL	BDL
2.	03/09/2024	62.4	28.3	25.6	29.2	0.65	--	--	--	--	--	--	--
3.	09/09/2024	57.3	26.1	24.3	28.8	0.55	--	--	--	--	--	--	--
4.	10/09/2024	64.6	30.2	28.4	31.3	0.67	--	--	--	--	--	--	--
5.	16/09/2024	55.2	25.3	23.2	26.7	0.53	--	--	--	--	--	--	--
6.	17/09/2024	68.7	31.5	29.7	32.4	0.62	--	--	--	--	--	--	--
7.	23/09/2024	59.5	26.6	23.5	28.6	0.58	--	--	--	--	--	--	--
8.	24/09/2024	70.3	33.4	31.3	35.5	0.75	--	--	--	--	--	--	--
9.	30/09/2024	65.2	29.7	27.6	30.2	0.68	--	--	--	--	--	--	--
10.	01/10/2024	51.6	21.5	19.8	24.7	0.49	--	--	--	--	--	--	--
	Maximum	70.3	33.4	31.3	35.5	0.75	--	--	--	--	--	--	--
	Minimum	51.6	21.5	19.8	24.7	0.49	--	--	--	--	--	--	--
	Average	60.8	27.74	25.5	29.4	0.61	--	--	--	--	--	--	--
	Permissible Limit (As Per NAAQMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

Patel P. A.
ANALYSED BY

[Signature]
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : September-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
	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.	02/09/2024	62.6	28.4	26.5	29.3	0.65	14.5	7.4	BDL	BDL	BDL	BDL	BDL
2.	03/09/2024	55.8	25.2	23.3	27.5	0.56	--	--	--	--	--	--	--
3.	09/09/2024	72.3	34.7	32.5	35.6	0.76	--	--	--	--	--	--	--
4.	10/09/2024	65.4	32.5	30.4	34.8	0.63	--	--	--	--	--	--	--
5.	16/09/2024	58.9	26.6	24.2	28.5	0.54	--	--	--	--	--	--	--
6.	17/09/2024	63.2	29.2	27.3	30.2	0.61	--	--	--	--	--	--	--
7.	23/09/2024	56.5	30.3	28.7	31.7	0.58	--	--	--	--	--	--	--
8.	24/09/2024	64.7	31.4	29.6	32.4	0.55	--	--	--	--	--	--	--
9.	30/09/2024	51.6	22.8	20.2	23.3	0.39	--	--	--	--	--	--	--
10.	01/10/2024	53.2	23.5	21.8	25.8	0.46	--	--	--	--	--	--	--
	Maximum	72.3	34.7	32.5	35.6	0.76	--	--	--	--	--	--	--
	Minimum	51.6	22.8	20.2	23.3	0.39	--	--	--	--	--	--	--
	Average	61.0	28.7	26.6	30.1	0.58	--	--	--	--	--	--	--
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. A. Doshi
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : September-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 Unit	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Benzene µg/m ³	BaP ng/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³
1.	02/09/2024		69.4	31.3	29.6	33.5	0.71	17.6	10.3	BDL	BDL	BDL	BDL	BDL
2.	03/09/2024		56.5	23.7	21.5	25.4	0.58	--	--	--	--	--	--	--
3.	09/09/2024		72.6	35.4	33.3	36.2	0.76	--	--	--	--	--	--	--
4.	10/09/2024		58.3	29.2	26.4	30.7	0.59	--	--	--	--	--	--	--
5.	16/09/2024		67.7	32.6	29.2	31.6	0.65	--	--	--	--	--	--	--
6.	17/09/2024		54.5	25.7	23.1	26.8	0.56	--	--	--	--	--	--	--
7.	23/09/2024		51.2	24.8	22.7	25.3	0.49	--	--	--	--	--	--	--
8.	24/09/2024		63.8	27.3	29.6	32.4	0.68	--	--	--	--	--	--	--
9.	30/09/2024		52.4	21.2	19.8	23.9	0.46	--	--	--	--	--	--	--
10.	01/10/2024		60.9	30.5	28.2	29.6	0.53	--	--	--	--	--	--	--
	Maximum		72.6	35.4	33.3	36.2	0.76	--	--	--	--	--	--	--
	Minimum		51.2	21.2	19.8	23.9	0.46	--	--	--	--	--	--	--
	Average		60.7	28.1	26.3	29.5	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.

P. P. A.
ANALYSED BY

[Signature]
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month: Aug-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	ng/m ³
1.	05/08/2024	72.3	33.2	32.5	36.1	0.86	19.8	13.5	BDL	BDL	BDL	BDL	BDL
2.	06/08/2024	68.7	29.4	30.2	33.3	0.77	--	--	--	--	--	--	--
3.	12/08/2024	56.4	24.6	28.6	31.5	0.69	--	--	--	--	--	--	--
4.	13/08/2024	64.5	27.7	25.4	29.7	0.58	--	--	--	--	--	--	--
5.	19/08/2024	58.2	30.5	19.5	21.4	0.64	--	--	--	--	--	--	--
6.	20/08/2024	49.7	22.3	22.3	26.2	0.34	--	--	--	--	--	--	--
7.	26/08/2024	61.8	26.4	29.7	32.6	0.48	--	--	--	--	--	--	--
8.	27/08/2024	52.6	20.8	17.8	20.5	0.39	--	--	--	--	--	--	--
	Maximum	72.3	33.2	32.5	36.1	0.86	--	--	--	--	--	--	--
	Minimum	49.7	20.8	17.8	20.5	0.34	--	--	--	--	--	--	--
	Average	60.5	26.9	25.7	28.9	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.

Ratelp.A.
ANALYSED BY

AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : Aug-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
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	05/08/2024	64.5	29.7	30.2	33.5	0.75	15.3	8.5	BDL	BDL	BDL	BDL	BDL
2.	06/08/2024	59.8	30.6	28.4	31.3	0.68	--	--	--	--	--	--	--
3.	12/08/2024	72.1	32.4	33.5	36.2	0.52	--	--	--	--	--	--	--
4.	13/08/2024	55.7	26.2	25.3	29.4	0.65	--	--	--	--	--	--	--
5.	19/08/2024	68.4	30.5	31.6	34.7	0.56	--	--	--	--	--	--	--
6.	20/08/2024	77.6	35.3	35.8	40.5	0.83	--	--	--	--	--	--	--
7.	26/08/2024	62.3	27.4	24.7	28.6	0.40	--	--	--	--	--	--	--
8.	27/08/2024	51.2	23.8	21.5	25.8	0.45	--	--	--	--	--	--	--
	Maximum	77.6	35.3	35.8	40.5	0.83	--	--	--	--	--	--	--
	Minimum	51.2	23.8	21.5	25.8	0.40	--	--	--	--	--	--	--
	Average	63.9	29.5	28.8	32.5	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.



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 : Aug-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											
		PM ₁₀ Unit 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.	05/08/2024	58.5	28.2	25.5	29.8	0.67	19.5	11.4	BDL	BDL	BDL	BDL	BDL
2.	06/08/2024	62.3	30.4	28.4	32.3	0.73	--	--	--	--	--	--	--
3.	12/08/2024	74.6	33.7	33.5	37.6	0.82	--	--	--	--	--	--	--
4.	13/08/2024	46.5	19.8	21.3	26.7	0.47	--	--	--	--	--	--	--
5.	19/08/2024	55.2	24.6	23.9	28.2	0.53	--	--	--	--	--	--	--
6.	20/08/2024	49.6	20.3	18.7	22.5	0.36	--	--	--	--	--	--	--
7.	26/08/2024	64.7	31.8	30.6	34.3	0.46	--	--	--	--	--	--	--
8.	27/08/2024	51.3	22.5	27.8	30.2	0.28	--	--	--	--	--	--	--
	Maximum	74.6	33.7	33.5	37.6	0.82	--	--	--	--	--	--	--
	Minimum	46.5	19.8	18.7	22.5	0.28	--	--	--	--	--	--	--
	Average	57.8	26.4	26.2	30.2	0.54	--	--	--	--	--	--	--
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 : July-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											
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/07/2024	81.3	38.6	36.8	47.2	0.84	21.7	15.2	BDL	BDL	BDL	BDL	BDL
2.	02/07/2024	69.5	30.4	28.4	54.5	0.63	--	--	--	--	--	--	--
3.	08/07/2024	74.7	32.5	15.5	25.3	0.74	--	--	--	--	--	--	--
4.	09/07/2024	56.5	25.2	31.3	41.4	0.52	--	--	--	--	--	--	--
5.	15/07/2024	70.4	31.3	22.2	34.6	0.18	--	--	--	--	--	--	--
6.	16/07/2024	49.9	21.1	30.6	40.2	0.36	--	--	--	--	--	--	--
7.	22/07/2024	65.3	26.5	16.7	27.8	0.25	--	--	--	--	--	--	--
8.	23/07/2024	54.8	23.8	13.9	19.3	0.28	--	--	--	--	--	--	--
9.	29/07/2024	60.2	30.4	40.2	45.4	0.38	--	--	--	--	--	--	--
10.	30/07/2024	51.6	22.7	29.9	32.2	0.21	--	--	--	--	--	--	--
	Maximum	81.3	38.6	40.2	54.5	0.84	--	--	--	--	--	--	--
	Minimum	49.9	21.1	13.9	19.3	0.18	--	--	--	--	--	--	--
	Average	63.4	28.3	26.5	36.8	0.44	--	--	--	--	--	--	--
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. A. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : July-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												
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³	
1.	01/07/2024	65.3	28.3	32.6	41.3	0.89	21.6	13.2	BDL	BDL	BDL	BDL	BDL	
2.	02/07/2024	55.4	25.2	25.3	28.6	0.68	--	--	--	--	--	--	--	
3.	08/07/2024	78.6	35.4	42.4	47.5	0.74	--	--	--	--	--	--	--	
4.	09/07/2024	69.5	31.3	19.7	25.4	0.42	--	--	--	--	--	--	--	
5.	15/07/2024	58.7	29.6	24.8	35.2	0.36	--	--	--	--	--	--	--	
6.	16/07/2024	49.9	21.1	17.2	23.3	0.54	--	--	--	--	--	--	--	
7.	22/07/2024	70.3	30.5	21.1	26.8	0.19	--	--	--	--	--	--	--	
8.	23/07/2024	62.5	26.7	15.5	19.9	0.24	--	--	--	--	--	--	--	
9.	29/07/2024	54.2	23.3	28.2	32.4	0.33	--	--	--	--	--	--	--	
10.	30/07/2024	50.8	22.8	14.3	21.6	0.18	--	--	--	--	--	--	--	
	Maximum	78.6	35.4	42.4	47.5	0.89	--	--	--	--	--	--	--	
	Minimum	49.9	21.1	14.3	19.9	0.18	--	--	--	--	--	--	--	
	Average	61.5	27.4	24.1	30.2	0.45	--	--	--	--	--	--	--	
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 :July-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 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
	Unit												
1.	01/07/2024	77.7	36.2	38.2	44.3	0.89	17.5	9.4	BDL	BDL	BDL	BDL	BDL
2.	02/07/2024	56.3	25.5	26.4	31.2	0.63	--	--	--	--	--	--	--
3.	08/07/2024	61.5	27.4	19.6	24.5	0.55	--	--	--	--	--	--	--
4.	09/07/2024	66.8	30.6	35.5	48.8	0.73	--	--	--	--	--	--	--
5.	15/07/2024	54.2	23.3	25.3	30.6	0.45	--	--	--	--	--	--	--
6.	16/07/2024	72.4	34.7	15.8	20.3	0.26	--	--	--	--	--	--	--
7.	22/07/2024	48.5	21.4	21.7	26.9	0.38	--	--	--	--	--	--	--
8.	23/07/2024	60.6	32.5	31.3	38.8	0.21	--	--	--	--	--	--	--
9.	29/07/2024	59.8	30.2	14.4	21.6	0.41	--	--	--	--	--	--	--
10.	30/07/2024	50.1	20.6	17.5	19.9	0.29	--	--	--	--	--	--	--
	Maximum	77.7	36.2	38.2	48.8	0.89	--	--	--	--	--	--	--
	Minimum	48.5	20.6	14.4	19.9	0.21	--	--	--	--	--	--	--
	Average	60.7	28.2	24.5	30.6	0.48	--	--	--	--	--	--	--
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. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : June-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											
		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.	03/06/2024	92.3	56.6	31.3	32.6	0.75	24.2	15.5	BDL	BDL	BDL	BDL	BDL
2.	04/06/2024	88.5	46.7	33.6	35.8	0.84	--	--	--	--	--	--	--
3.	10/06/2024	74.6	36.3	21.9	26.3	0.58	--	--	--	--	--	--	--
4.	11/06/2024	84.3	49.2	24.5	30.4	0.67	--	--	--	--	--	--	--
5.	17/06/2024	77.6	37.1	19.7	25.3	0.45	--	--	--	--	--	--	--
6.	18/06/2024	69.5	29.6	17.2	20.2	0.75	--	--	--	--	--	--	--
7.	24/06/2024	70.2	31.5	20.6	23.6	0.62	--	--	--	--	--	--	--
8.	25/06/2024	64.3	28.2	18.6	19.5	0.54	--	--	--	--	--	--	--
	Maximum	92.3	58.2	33.6	35.8	0.84	--	--	--	--	--	--	--
	Minimum	64.3	28.2	17.2	19.5	0.54	--	--	--	--	--	--	--
	Average	77.7	39.4	23.4	27.7	0.65	--	--	--	--	--	--	--
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. R. Desai
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : June-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.	03/06/2024	90.1	52.3	26.5	30.4	0.96	18.3	10.2	BDL	BDL	BDL	BDL	BDL
2.	04/06/2024	78.5	38.9	36.4	30.2	0.61	--	--	--	--	--	--	--
3.	10/06/2024	87.5	45.2	25.6	19.5	0.75	--	--	--	--	--	--	--
4.	11/06/2024	80.2	40.9	32.4	25.1	0.66	--	--	--	--	--	--	--
5.	17/06/2024	74.2	36.9	30.2	22.6	0.45	--	--	--	--	--	--	--
6.	18/06/2024	70.5	32.2	24.5	20.3	0.58	--	--	--	--	--	--	--
7.	24/06/2024	68.3	30.5	20.5	17.2	0.40	--	--	--	--	--	--	--
8.	25/06/2024	55.4	28.9	19.4	16.3	0.51	--	--	--	--	--	--	--
	Maximum	90.1	52.3	36.4	30.4	0.96	--	--	--	--	--	--	--
	Minimum	55.4	28.9	19.4	16.3	0.40	--	--	--	--	--	--	--
	Average	75.6	38.2	26.9	22.7	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

C. A. Doshi
AUTHORIZED SIGNATORY

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



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : June-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	ng/m ³
1.	03/06/2024	94.2	52.8	26.3	34.6	0.82	24.5	16.3	BDL	BDL	BDL	BDL	BDL
2.	04/06/2024	76.2	38.4	19.6	24.5	0.78	--	--	--	--	--	--	--
3.	10/06/2024	89.2	44.6	21.6	25.3	0.64	--	--	--	--	--	--	--
4.	11/06/2024	72.8	33.7	30.5	36.8	0.55	--	--	--	--	--	--	--
5.	17/06/2024	80.3	39.2	23.2	30.5	0.42	--	--	--	--	--	--	--
6.	18/06/2024	72.7	36.5	19.6	26.2	0.50	--	--	--	--	--	--	--
7.	24/06/2024	63.5	32.1	17.3	19.6	0.36	--	--	--	--	--	--	--
8.	25/06/2024	56.4	28.2	14.6	16.5	0.32	--	--	--	--	--	--	--
	Maximum	94.2	52.8	30.5	36.8	0.82	--	--	--	--	--	--	--
	Minimum	56.4	28.2	14.6	16.5	0.32	--	--	--	--	--	--	--
	Average	75.6	38.2	21.5	26.8	0.54	--	--	--	--	--	--	--
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.



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

ENPRO
Environment,
Energy, Water
Project Consultant

Analysis Summary Report for Ambient Air Quality Monitoring Month : May-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	ng/m ³
1.	06/05/2024	96.8	54.6	27.3	35.2	0.79	28.5	19.3	BDL	BDL	BDL	BDL	BDL
2.	07/05/2024	70.3	33.4	14.3	23.9	0.80	--	--	--	--	--	--	--
3.	13/05/2024	78.2	38.9	20.2	26.7	0.56	--	--	--	--	--	--	--
4.	14/05/2024	68.5	29.7	15.4	22.5	0.49	--	--	--	--	--	--	--
5.	20/05/2024	92.7	51.3	26.5	35.7	0.38	--	--	--	--	--	--	--
6.	21/05/2024	76.7	36.5	28.0	39.1	0.85	--	--	--	--	--	--	--
7.	27/05/2024	89.2	47.1	20.8	26.9	0.94	--	--	--	--	--	--	--
8.	28/05/2024	82.6	43.1	19.4	25.7	0.52	--	--	--	--	--	--	--
	Maximum	96.8	54.6	28.0	39.1	0.94	--	--	--	--	--	--	--
	Minimum	68.5	29.7	14.3	22.5	0.38	--	--	--	--	--	--	--
	Average	81.8	41.8	21.4	29.4	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.
2. Note: BDL-Below Detectable Limit.

Patel P. A.
ANALYSED BY

AUTHORIZED SIGNATORY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

Analysis Summary Report for Ambient Air Quality Monitoring Month : May-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
	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.	06/05/2024	73.1	32.1	18.5	25.9	0.58	19.4	11.2	BDL	BDL	BDL	BDL	BDL
2.	07/05/2024	87.5	48.9	25.0	34.1	0.96	--	--	--	--	--	--	--
3.	13/05/2024	75.5	36.9	13.7	19.6	0.74	--	--	--	--	--	--	--
4.	14/05/2024	69.3	30.4	15.2	22.6	0.62	--	--	--	--	--	--	--
5.	20/05/2024	83.6	42.5	22.6	33.7	0.58	--	--	--	--	--	--	--
6.	21/05/2024	80.1	41.3	30.7	36.9	0.61	--	--	--	--	--	--	--
7.	27/05/2024	78.1	38.3	18.0	22.1	0.43	--	--	--	--	--	--	--
8.	28/05/2024	81.4	44.8	26.3	34.2	0.87	--	--	--	--	--	--	--
	Maximum	87.5	48.9	30.7	36.9	0.96	--	--	--	--	--	--	--
	Minimum	69.3	30.4	13.7	19.6	0.43	--	--	--	--	--	--	--
	Average	78.5	39.4	21.2	28.6	0.67	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

P. Patel P. A.
ANALYSED BY

C. K. Patel
AUTHORIZED SIGNATORY

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

ENPRO
Environment,
Energy, Water
Project Consultant

Analysis Summary Report for Ambient Air Quality Monitoring **Month : May-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 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.	06/05/2024		79.0	40.4	24.8	33.7	0.79	28.1	19.4	BDL	BDL	BDL	BDL	BDL
2.	07/05/2024		91.5	52.7	32.2	40.3	0.84	--	--	--	--	--	--	--
3.	13/05/2024		74.6	36.3	21.5	25.6	0.55	--	--	--	--	--	--	--
4.	14/05/2024		85.3	49.2	23.6	29.8	0.69	--	--	--	--	--	--	--
5.	20/05/2024		76.6	37.1	20.1	27.9	0.42	--	--	--	--	--	--	--
6.	21/05/2024		69.5	29.6	16.5	23.7	0.73	--	--	--	--	--	--	--
7.	27/05/2024		81.5	43.5	25.4	34.1	0.91	--	--	--	--	--	--	--
8.	28/05/2024		78.3	38.2	25.6	37.0	0.86	--	--	--	--	--	--	--
	Maximum		91.5	52.7	32.2	40.3	0.91	--	--	--	--	--	--	--
	Minimum		69.5	29.6	16.5	23.7	0.41	--	--	--	--	--	--	--
	Average		79.5	40.8	23.7	31.5	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

[Signature]
AUTHORIZED SIGNATOR

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : April-24
---	-------------------------

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
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/04/2024	81.3	40.7	24.8	31.6	0.94	26.4	18.2	BDL	BDL	BDL	BDL	BDL
2.	02/04/2024	74.9	36.3	20.7	29.6	0.58	--	--	--	--	--	--	--
3.	08/04/2024	85.5	45.0	28.1	36.2	0.73	--	--	--	--	--	--	--
4.	09/04/2024	94.9	54.6	32.7	41.7	0.65	--	--	--	--	--	--	--
5.	15/04/2024	81.2	45.1	19.5	25.7	0.72	--	--	--	--	--	--	--
6.	16/04/2024	70.5	32.2	17.4	21.5	0.58	--	--	--	--	--	--	--
7.	22/04/2024	77.4	34.9	25.3	32.9	0.46	--	--	--	--	--	--	--
8.	23/04/2024	84.2	42.7	26.4	37.5	0.54	--	--	--	--	--	--	--
9.	29/04/2024	70.3	30.1	16.0	23.8	0.43	--	--	--	--	--	--	--
10.	30/04/2024	80.6	43.8	25.3	34.1	0.69	--	--	--	--	--	--	--
	Maximum	94.9	54.6	32.7	41.7	0.94	--	--	--	--	--	--	--
	Minimum	70.3	30.1	16.0	21.5	0.43	--	--	--	--	--	--	--
	Average	80.0	40.5	23.6	31.4	0.63	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

Patel P. A
ANALYSED BY

C. K. Doshi
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : April-24
--	------------------

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	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	ng/m ³
1.	01/04/2024	75.4	36.1	17.4	23.9	0.49	25.1	15.9	BDL	BDL	BDL	BDL	BDL
2.	02/04/2024	94.2	52.7	24.5	36.2	0.60	--	--	--	--	--	--	--
3.	08/04/2024	83.3	41.7	16.4	26.5	0.73	--	--	--	--	--	--	--
4.	09/04/2024	89.9	48.5	23.7	32.9	0.65	--	--	--	--	--	--	--
5.	15/04/2024	67.5	34.2	19.5	25.7	0.48	--	--	--	--	--	--	--
6.	16/04/2024	86.4	49.6	33.9	42.7	0.59	--	--	--	--	--	--	--
7.	22/04/2024	73.9	33.7	25.2	36.3	0.82	--	--	--	--	--	--	--
8.	23/04/2024	79.8	38.5	18.7	25.4	0.73	--	--	--	--	--	--	--
9.	29/04/2024	82.4	47.8	22.0	28.4	0.72	--	--	--	--	--	--	--
10.	30/04/2024	78.1	38.0	19.2	25.5	0.86	--	--	--	--	--	--	--
	Maximum	94.2	52.7	33.9	42.7	0.86	--	--	--	--	--	--	--
	Minimum	67.5	33.7	16.4	23.9	0.48	--	--	--	--	--	--	--
	Average	81.0	42.0	22.0	30.3	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.
2. Note: BDL-Below Detectable Limit.

Patel P.A
ANALYSED BY

C. R. Jain
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month : April-24
--	------------------

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
	Parameters Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m ³
1.	01/04/2024	81.9	42.1	21.8	25.9	0.67	21.3	15.4	BDL	BDL	BDL	BDL	BDL
2.	02/04/2024	74.0	34.2	17.5	23.4	0.89	--	--	--	--	--	--	--
3.	08/04/2024	91.3	52.7	28.8	37.9	0.41	--	--	--	--	--	--	--
4.	09/04/2024	87.4	46.3	26.4	37.5	0.37	--	--	--	--	--	--	--
5.	15/04/2024	76.9	35.9	19.4	25.5	0.63	--	--	--	--	--	--	--
6.	16/04/2024	83.9	45.1	34.5	40.7	0.85	--	--	--	--	--	--	--
7.	22/04/2024	85.2	48.6	30.1	38.0	0.94	--	--	--	--	--	--	--
8.	23/04/2024	72.4	32.2	19.0	26.4	0.49	--	--	--	--	--	--	--
9.	29/04/2024	75.9	34.3	19.2	25.7	0.67	--	--	--	--	--	--	--
10.	30/04/2024	86.7	49.4	26.3	35.1	0.53	--	--	--	--	--	--	--
	Maximum	91.3	52.7	34.5	40.7	0.94	--	--	--	--	--	--	--
	Minimum	72.4	32.2	17.5	23.4	0.37	--	--	--	--	--	--	--
	Average	81.6	42.1	24.3	31.6	0.65	--	--	--	--	--	--	--
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. Desai
AUTHORIZED SIGNATORY

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

ENPRO Enviro Tech and Engineers Pvt. Ltd.**Environmental Testing Laboratory**

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000002910F	Issue Date : 16/04/2024
ULR No : TC588524000002910F	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 : Vihang Patel	Sampling & Test Method : WI/N/01
Date of Sampling : 09/04/2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0424/N02910
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	60.2	56.9
2	Nr. Engineering Workshop	69.1	59.3
	LIMIT	75	70

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

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC58852400002911F	Issue Date : 16/04/2024
ULR No : TC58852400002911F	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 : Vihang Patel

Sampling & Test Method : WI/N/03

Date of Sampling : 09/04/2024

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0424/N02911

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	65.3
2	Inside DG Room (DG On)	84.6	69.9
3	DCBH Plant	76.3	70.4
4	DCNB Plant	80.9	73.6
	LIMIT	TLV - 85	TLV - 85

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

C. R. Desai

AUTHORISED SIGNATORY
Chintan Desai (TM)

Sweety Patel
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

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

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588524000004207F	Issue Date : 23-05-2024
ULR No : TC588524000004207F	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 & Test Method : WI/N/01
Sampling By : Prashant Patel	Duration of Sampling : 1 hr / Location
Date of Sampling : 16-05-2024	Sample ID : 0524/N04207
Description of Location : As per Table Given Below	Protocol : Ambient Noise Level Monitoring
Type of Test : On Site Testing	

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	72.1	53.6
2	Nr. Engineering Workshop	64.3	67.8
	LIMIT	75	70

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

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

AUTHORISED SIGNATORY
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

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

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588524000004208F	Issue Date : 23-05-2024
ULR No : TC588524000004208F	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 : Prashant Patel Sampling & Test Method : WI/N/03
Date of Sampling : 16-05-2024 Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below Sample ID : 0524/N04208
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	72.2	60.9
2	Inside DG Room (DG On)	80.1	74.1
3	DCBH Plant	74.1	68.4
4	DCNB Plant	82.6	70.0
	LIMIT	TLV - 85	TLV - 85

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000006078F	Issue Date : 02-07-2024
ULR No : TC588524000006078F	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 : Nikunj Vaghasiya	Sampling & Test Method : WI/N/01
Date of Sampling : 25-06-2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0624/N06078
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	70.2	55.1
2	Nr. Engineering Workshop	67.4	52.4
	LIMIT	75	70

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

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


CHECKED BY
Sweety Patel (Dy. TM)


AUTHORISED SIGNATORY
Chintan Desai (fM)

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

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

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000006079F	Issue Date : 02-07-2024
ULR No : TC588524000006079F	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 : Nikunj Vaghasiya

Sampling & Test Method : WI/N/03

Date of Sampling : 25-06-2024

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0624/N06079

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	74.1	62.6
2	Inside DG Room (DG On)	83.7	70.3
3	DCBH Plant	71.9	65.4
4	DCNB Plant	80.1	72.1
	LIMIT	TLV - 85	TLV - 85

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC58852400006702F	Issue Date : 19-07-2024
ULR No : TC58852400006702F	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 : Nikunj Vaghasiya
 Date of Sampling : 12-07-2024
 Description of Location : As per Table Given Below
 Type of Test : On Site Testing

Sampling & Test Method : WI/N/01
 Duration of Sampling : 1 hr / Location
 Sample ID : 0724/N06702
 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	71.4	60.2
2	Nr. Engineering Workshop	69.1	56.7
	LIMIT	75	70

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

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1



ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588524000006703F	Issue Date : 19-07-2024
ULR No : TC588524000006703F	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 : Nikunj Vaghasiya Sampling & Test Method : WI/N/03
 Date of Sampling : 12-07-2024 Duration of Sampling : 1 hr / Location
 Description of Location : As per Table Given Below Sample ID : 0724/N06703
 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	76.5	68.4
2	Inside DG Room (DG On)	80.2	72.2
3	DCBH Plant	74.4	62.8
4	DCNB Plant	83.4	69.7
	LIMIT	TLV - 85	TLV - 85

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

(Signature)

AUTHORISED SIGNATORY
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 ***



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/7.8/03	Test Report No : TC588524000007952F	Issue Date : 21-08-2024
ULR No : TC588524000007952F	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 & Test Method : WI/N/01
Sampling By : Nikunj Vaghasiya	Duration of Sampling : 1 hr / Location
Date of Sampling : 14-08-2024	Sample ID : 0824/N07952
Description of Location : As per Table Given Below	Protocol : Ambient Noise Level Monitoring
Type of Test : On Site Testing	

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	62.2	58.7
2	Nr. Engineering Workshop	70.1	61.3
	LIMIT	75	70

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

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

AUTHORISED SIGNATORY
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

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/7.8/03	Test Report No : TC588524000007953F	Issue Date : 21-08-2024
ULR No : TC588524000007953F	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 & Test Method : WI/N/03
Sampling By : Nikunj Vaghasiya	Duration of Sampling : 1 hr / Location
Date of Sampling : 14-08-2024	Sample ID : 0824/N07953
Description of Location : As per Table Given Below	Protocol : Workplace Noise Level Monitoring
Type of Test : On Site Testing	

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area	73.1	60.9
2	Inside DG Room (DG On)	84.3	74.1
3	DCBH Plant	71.1	69.4
4	DCNB Plant	80.6	71.0
	LIMIT	TLV - 85	TLV - 85

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : EP/0924/02252	Issue Date : 20-09-2024
	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.Vinang Patel	Sampling & Test Method : WI/N/01
Date of Sampling : 12-09-2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0924/N02252
Type of Test : On Site Testing	Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Log	NIGHT TIME NOISE LEVEL dB (A) Log
1	Nr. Main Gate	60.9	56.5
2	Nr. Engineering Workshop	68.2	60.6
	LIMIT	75	70

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

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

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



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

ENPRO
Environment,
Energy, Water
Project Consultant



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : EP/0924/02253	Issue Date : 20-09-2024
	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 : 12-09-2024	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0924/N02253
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	71.8	59.8
2	Inside DG Room (DG On)	83.2	73.2
3	DCBH Plant	70.6	68.4
4	DCNB Plant	80.1	70.9
	LIMIT	TLV - 85	TLV - 85

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


CHECKED BY
Sweety Patel (Dy.TM)


REVIEWED AND AUTHORISED BY
Chintan Desai (TM)

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

*** End of Report ***

Page 1 of 1

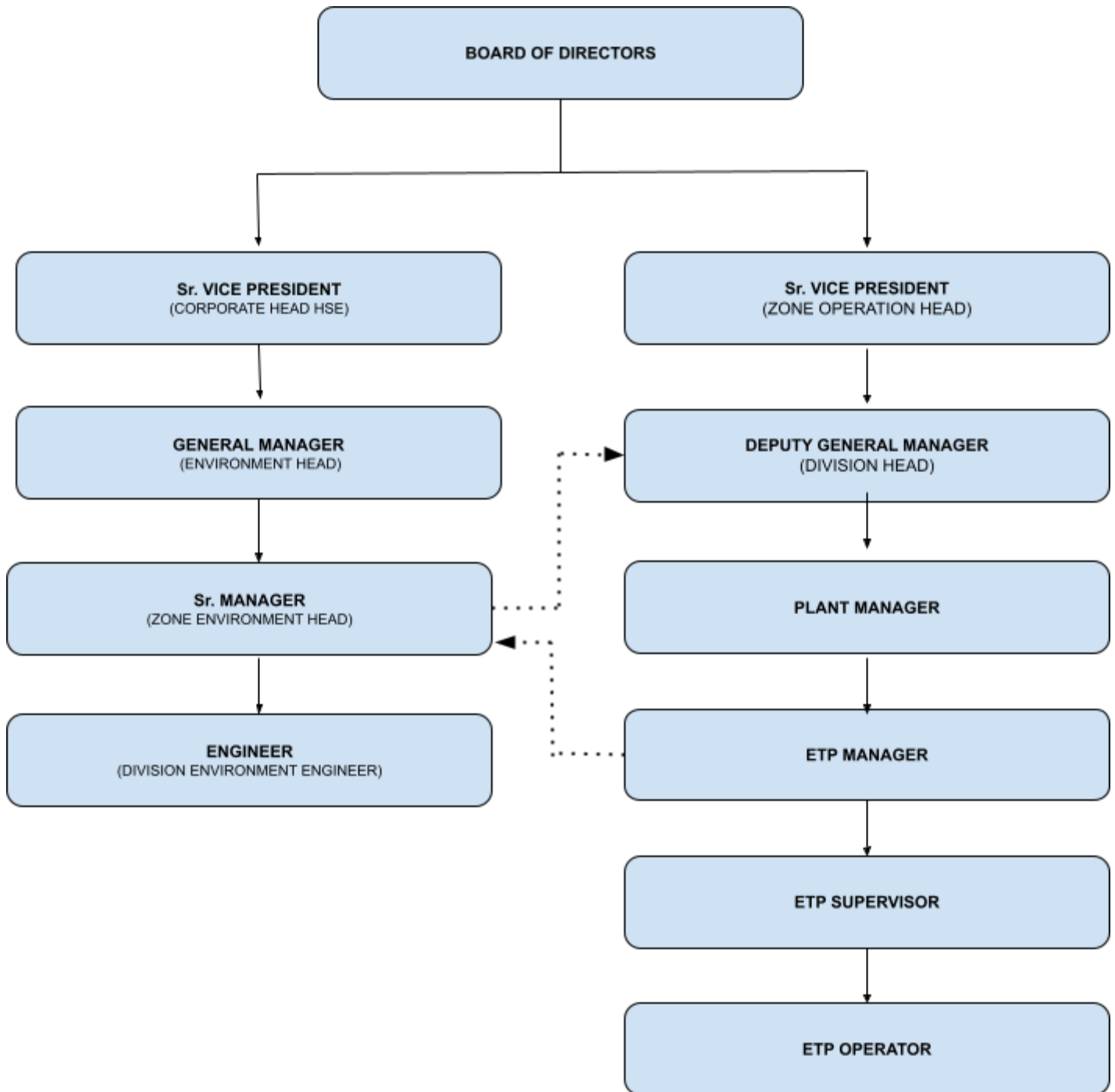
Annexure-13

Compliance Status of the EMP Recommendations

SI No	EMP Recommendations	Current Status
1.0	Establishment of an Environment Management Cell	The unit has set up an Environmental Management Cell both at Corporate level and at the site level. The Cell is headed by a Sr Vice President and a General Manager at the corporate level who drives the implementation of policy. At the site level, an Environment Manager, a dedicated Environment Engineer and the operations team which carry out the operation of EMS system forms the Environment Cell
2.0	Corporate Environment Policy	The 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	Various measures have been taken for Fugitive emission control like <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.



Annexure-15
Aarti Industries Limited
Alchemie Organics Division

Screenshot of EC Compliance uploaded on PARIVESH Portal for the period of
Oct-2023 to March-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

← 📧 ⚠️ 🗑️ | 📧 ⌚ 🔄 | 📧 🗑️ ⋮ 1 of 3 < > 📧 ▾

Aarti Industries Limited (Alchemie Organics Division), Plot no. 902, Phase- III, GIDC industrial estate, Vapi, Gujarat. Half Yearly EC Compliance of period of October-2023 to March-2024 External 📧 Inbox x



Aarti Environment System System <env.alchemie@aarti-industries.com>
to ec-rdw.cpcb, msseiaagj, IRO, Shankar, bcc: me ▾

📧 Thu, May 30, 5:05 PM ☆ ↩️ ⋮

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 October 2023 to March 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.

One attachment • Scanned by Gmail ⓘ



Annexure-16



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,
Paryavaran 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.



**PUBLIC LIABILITY ACT POLICY
POLICY SCHEDULE**

Agent/Broker Name -PRUDENT INSURANCE BROKERS PVT. LTD.

Agent/Broker License Code - 291:Agent/Broker :Contact No - 2233066000 (mobile or landline)

Attaching to and forming part of Policy No. 0304011371 00 00
Name of Insured Owner: AARTI INDUSTRIES LIMITED
Business: CHEMICAL MANUFACTURING

Address: 71, UDYOG KSHETRA, 2ND FLR. MULUND-GOREGAON, LINK ROAD,
MULUND (W), MUMBAI
MUMBAI - 400080
MUMBAI
MAHARASHTRA
INDIA
27AABCA2787L1ZC(GSTIN Number)
Place of supply -MAHARASHTRA
State code -27

Territorial limits: Anywhere in India

Policy Period: From: 09/01/2024 12:00 AM/ PM
To Midnight of: 08/01/2025 12:00 AM/ PM

Indemnity limit:Rs 50,000,000.00 in respect of any one accident and not exceeding 3 times thereof in the aggregate during the policy period.

Service Tax Registration No:

Premium	₹ 10,135.94
UGST/SGST @9 %	₹ 912.00
CGST @9 %	₹ 912.00

**Contribution to the
Environment Relief Fund:₹ 10,135.94**

Date of Proposal and declaration:09/01/2024

In witness whereof the undersigned being duly authorized by the company and on behalf of the company has hereto set his hand at MUMBAI on 18/01/2024

The stamp duty of 0.5 paid in cash or demand draft or by pay order,vide Receipt/Challan no: LOA/CSD/01/2023/4269 dated the 25/10/2023

For Tata AIG General Insurance Company Limited



Authorized Signatory

Date :18/01/2024

Place :MUMBAI

**Policy Servicing Office
Tata AIG General Insurance Company Limited**

2ND FLOOR, CITI TOWER, 61, DR. S.S.RAO ROAD,, NEXT TO M.G.M HOSPITAL, PAREL(E), MUMBAI - 400012,MUMBAI,MAHARASHTRA,MUMBAI-400012
Tel No:22-22-62606600

Tata-AIG General Insurance Company Limited



Attached and Forming Part of the Policy Number:- 0304011371 00 00

Location	Location Address
Alchemie Organics	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
AMINE	285,286/1 A 322 12 23 24 NA 40SHED AREA GIDC PHASE II DIST-VALSAD, VAPI 396195
APPLE ORGANICS	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
Baroda	Block number 1, 3rd floor, R S No 3, Keval Corporate Park, Village channi, Baroda-390002 BLOCK NO 5 R S NO 380 VILLAGE CHANNI KEVAL CORPORATE PARK BUILDING T P SCHEME NO 48 FP NO 43/1 OPP CHHANI GEB NEAR PRAKRUTI RESTAURANT BARODA - 391740 PARKWAY REALTY LLP
DAHEJ- NEO	PLOT NO.Z/103/C DAHEJ SEZ II, TAL VAGRA, DIST. BHARUCH, GUJARAT-392130
DAHEJ-DIAMOND	PLOT NO Z-103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130,
DAHEJ-SAFRON	PLOT NO - Z 111 B, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH-392130
NASCENT	PLOT NO. 24, PHASE-I, G.I.D.C., DIST. VALSAD, VAPI 396195
R & D MHAPE/Turbe	PLOT NO A-94/1 MIDC , TTC IND AREA,NAVI MUMBAI - DIST THANE
ACID	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
R & D VAPI - Organic	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
SSP Fertiliser	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Vapi Unit - Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195

3M (New Location)	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110
Jaghadia (Pearl,Ruby, Jade,Gold)	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364 Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 & Survey No. 122 Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat
TARAPUR UNIT -2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar.
Kutch	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8-A, KUTCH BHACHAU, GUJARAT 370140
Mulund	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080
Vikhroli	Tower C, 4th Floor, 247 Embassy Park, LBS Marg, Vikhroli (W), Mumbai- 400083



For Tata AIG General Insurance Company Limited

Authorized Signatory

A traditional ode to eternal love and longing...

Paytm

CINEMA OF THE WEEK

Tom Bin 2 (Drama) ★★
 Cast: Aditya Seal, Neha Sharma, Ashish Dutt
 Director: Anubhav Sinha
 Duration: 2 hours 25 minutes
 Language: Hindi (H)
 SMS code: 58888



It turns (Neha Sharma) finds solace in Shaikh (Aditya Seal) while coping with the (admitted) death of her boyfriend Anur (Ashish Dutt). Love eventually finds a way as Shaikh helps Tom get on with her life. His compassion helps her survive and amidst music he breaks her heart and for comes back.

Tom Bin 2 is neither a sequel, nor a sequel but Anubhav Sinha's tribute to his own 2011 surprise hit Tom Bin. The second instalment is an earnest re-visit of the original with a few more twists. Interestingly, Sinha retains the pulse of the original 'melancholy' and breathes new life into it by altering the story a bit and casting fresh faces with most doing justice to his sensibility. But can an old-school tale appeal to the Tinder generation that is hard into judging concepts like commitment and sacrifice? It certainly does and in fact comes as a breath of fresh air, albeit with an over-sentimental second

SMS YOUR MOVIE REVIEWS/RATINGS

Type your 'space' short code of movie as given under each movie name 'space' your name 'space' your rating (choose from 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5 or 5) 'space' add 58888 e.g. my tom bin 2 3 space movie

58888 Codes for movies

• Tom Bin 2 (Tom)
 • Fantastic Beasts and Where to Find Them (Fant)

To read the review, you can also go to www.timesofindia.com

The revamped version of Cinemastraphy is stunning as well. While the first half engages you emotionally, a tedious message is not so clear, resulting in an unconvincing climax. You wish dialogues were stronger as well.

Despite the odds, if you like old-fashioned love stories with great music, Tom Bin 2 is a partially heart-warming tale that can be watched for its beautiful message and sincere execution.

Direction: 3/5 | Dialogue: 3/5
 Story: 2/5 | Music: 3.5/5
 Visual Appeal: 3.5/5

For rating to get the average of the above

— Binisha Vyavahar

READERS' VERDICT

ROCK ON 2

READER'S RATING 1.5

CRITIC'S RATING ★★

Rock On 2 is an unexciting sequel

Music wasn't rocking enough!

• The music is not as good as the first movie. Music alone can't make a bad film good.

• Performances in a competent performance. But the film fails to strike a chord due to its unconvincing plot. The music is also nowhere close to the original Rock On.

• The chemistry between the characters in Rock On was missing bit more in the sequel. Even music was just secondary which was a big let-down. For a movie like Rock On music is the soul which was found missing. This one is easily forgettable!

Prospect was much better!

• A lot was expected from the sequel considering Rock On had every thing—music, dialogues, etc. which was worth watching. But this one is boring to

terms of story (cinema)

• Rock On 2 suffers because of its weak storyline. Movie fails to recapture the charm of old flick which was real good. The sequel is a damp squib.

• Story disappointed!

• Story is quite boring, in fact music was also not interesting to keep you hooked. Shroddha Kapoor is a complete waste as she couldn't act properly as a singer. Rock On 2 didn't live upto the expectations. I am sad.

• You should watch this movie only if you are a rock music fan. Plot line is weak but performances are good.

• Music is good, but lyrics are not so good as they were in Rock On.

• I rocked in parts!

• Rock On 2 is a good watch. The music is certainly the backbone of the film, but what ruins the film is the concept that music needs to be set free

For it to flow freely. The film does reiterate the fact that music has tremendous power. Watch the film for its intense performances, some cameos.

• It's a good movie to watch! SD (Parab) has highlighted much in the movie whereas he has played the main role of keeping the band together. Songs are just okay. Rock On 2 is boring to

watch, and their chemistry overshadows the performance of more seasoned actors like Jon Voight (in a forgettable role) and Colin Farrell. Even upcoming The Flash star Ezra Miller's tormented Credence Barbone is

Terms of story (cinema)

• The second complaint concerns accused Mohammad Rizwan Aidiul Kaur of Madrasa Markat, Telangana, who had purchased goods worth Rs 13,00,000 from him between October 29, 2016 and April 15, 2017.

The accused also purchased goods from two other traders in the market. The total worth of goods purchased was Rs 10,00,000, for which he did not make payments either to the complainant or to two other traders. The accused closed his shop in India Market and fled the city.

The second complaint concerns accused Mohammad Rizwan Aidiul Kaur of Madrasa Markat, Telangana, who had purchased goods worth Rs 13,00,000 from him between October 29, 2016 and April 15, 2017.

The accused also purchased goods from two other traders in the market. The total worth of goods purchased was Rs 10,00,000, for which he did not make payments either to the complainant or to two other traders. The accused closed his shop in India Market and fled the city.

The second complaint concerns accused Mohammad Rizwan Aidiul Kaur of Madrasa Markat, Telangana, who had purchased goods worth Rs 13,00,000 from him between October 29, 2016 and April 15, 2017.

The accused also purchased goods from two other traders in the market. The total worth of goods purchased was Rs 10,00,000, for which he did not make payments either to the complainant or to two other traders. The accused closed his shop in India Market and fled the city.

The second complaint concerns accused Mohammad Rizwan Aidiul Kaur of Madrasa Markat, Telangana, who had purchased goods worth Rs 13,00,000 from him between October 29, 2016 and April 15, 2017.

The accused also purchased goods from two other traders in the market. The total worth of goods purchased was Rs 10,00,000, for which he did not make payments either to the complainant or to two other traders. The accused closed his shop in India Market and fled the city.

The second complaint concerns accused Mohammad Rizwan Aidiul Kaur of Madrasa Markat, Telangana, who had purchased goods worth Rs 13,00,000 from him between October 29, 2016 and April 15, 2017.

The accused also purchased goods from two other traders in the market. The total worth of goods purchased was Rs 10,00,000, for which he did not make payments either to the complainant or to two other traders. The accused closed his shop in India Market and fled the city.

Fantastic Beasts and Where to Find Them (Adventure, Family, Fantasy) 3D ★★
 Cast: Eddie Redmayne, Katherine Waterston, Dan Poser, Alison Sudrow, Ezra Miller, Samantha Morton, Jon Voight, Carmen Ejogo, Colin Farrell
 Director: David Yates
 Duration: 2 hours 13 minutes
 Language: English (UK)
 SMS code: 58888

Forwards to new audiences while seeking to meet high expectations of old fans, in this new spinoff from JK Rowling

Redmayne, who is more than well-oiled for the quirky introvertish character with good intentions is quickly pulled into New York City's magical tension between wizards and those without magical powers. Newt's 'Muggle' suitcase with his rescued animals gets swapped with one of the magical creatures of the United States of America (MACUSA). Together with her sister Queens (Alison Sudrow), they seek to capture these magical creatures while evading the ire of the MACUSA, especially the doting Prefect Corbin (Colin Farrell). There's an aftereffect energy with the low-talker characters that makes them fun

to watch, and their chemistry overshadows the performance of more seasoned actors like Jon Voight (in a forgettable role) and Colin Farrell. Even upcoming The Flash star Ezra Miller's tormented Credence Barbone is

In US, magiologist Newt Scamander (Eddie Redmayne) arrives in New York City after a worldwide search for magical creatures. Set 70 years before Harry Potter era, Fantastic Beasts and Where to Find Them introduces the

RATING SCALE: TRASH ★ | BELOW AVERAGE ★★ | AVERAGE ★★★ | ABOVE AVERAGE ★★★★ | GOOD ★★★★★ | VERY GOOD ★★★★★ | VERY GOOD+ ★★★★★ | OUTSTANDING ★★★★★

HOMEOPATHY WEIGH TO LOSE

NATURAL • SAFE • LONG-TERM RESULTS

INTRODUCTORY OFFERS

- FREE CONSULTATION BY DOCTOR
- YOUR DISCOUNT = 1/2 YOUR WEIGHT

Fed up of yo-yo diets, gymming, aerobics and appetite suppressants? These are some of the things people resort to in the 'battle of the bulge'. A study revealed that homeopathy medicine has a significant anti-obesity activity and aids in reducing excess body weight, improving stagnant weight loss, managing cholesterol levels and increasing the metabolic rate of the body. It is about time you choose a natural and safe solution which has long-term results.

And what better treatment than at Dr Batra's - global leaders in homeopathy across 261 clinics in 131 cities in 4 countries. We have secured a 90% patient satisfaction - authenticated by American Quality Assessors (AQA) in treating the root cause of obesity.

Obesity Lose to win

Dr Batra's HOMEOPATHY
 LONDON • DUBAI • INDIA

091677 91677
 SMS DBH TO 575758

Dr Batra's Clinics in Ahmedabad: Chandkheda | Aniram Road | Sankaria Road | Maninagar | Shahibaug | Bopal | Also at Surat: Near Ram Chowk, Ghodarda Road | Alajpur (Arund Mahal Road) | Vasudare: Gopin Road & Waghodara Road | Rajkot: M.Chowka | Jamnagar: Vapi | Bhavnagar: Valsad

www.drbatras.com

Rape accused flees from police custody

Rajkot: A 22-year-old rape accused escaped from police custody from Jamnagar civil hospital on Friday morning. He was hospitalized after he attempted suicide on Thursday. According to Jamnagar police, accused was identified as Arif Dabir, a resident of Dhrat town of Jamnagar. He had stayed with a minor girl for a month and was allegedly raped her. He was arrested and sent to jail in Jamnagar.

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE

SRF Limited
 Plot No.: D2/1, Phase II, GIDC, Dahaj, Suva, Tal. Vagra, Dist.: Bharuch, Gujarat - 382 130

The following public notice is being issued by the State Level Environmental Impact Assessment Authority, Gujarat, Rajkot. Sector: GIDC, Dahaj, Suva, Tal. Vagra, Dist.: Bharuch, Gujarat. Plot No.: D2/1, Phase II, GIDC, Dahaj, Suva, Tal. Vagra, Dist.: Bharuch, Gujarat. The public notice is issued in compliance with the terms of Environmental Clearance accorded to the above said project.

Date: 18/11/2016 Authorized Signatory: SRF Limited

M/s. AARTI INDUSTRIES LIMITED (ALCHEMIE ORGANIC DIVISION)

Plot no. 903, 923, GIDC Estate, Vapi, Dist.-Valsad, Gujarat.

ENVIRONMENTAL CLEARANCE

It is hereby informed that the Ministry of Environment, Forest and Climate Change, New Delhi has accorded the Environmental Clearance for setting up of the proposed manufacturing of pesticide by M/s. Aarti Industries Ltd (Alchemie Organic Division) at plot no. 903, 923, GIDC Estate, Vapi, Dist.-Valsad, Gujarat. - vide File no. J-1101147/2015-IA-II (I) on the date of 28/10/2016. A copy of the clearance letter is placed at office of Gujarat Pollution Control Board (Vapi & Gandhinagar) and may also be seen at website of the ministry at <http://envfor.nic.in>

DATE: 17-11-2016 - SIGNATURE - DIRECTOR

M/s. GANESH POLYCHEM LIMITED

Plot no. 408 & 409, GIDC Estate, Phase - II, Vapi, Dist.-Valsad, Gujarat.

ENVIRONMENTAL CLEARANCE

It is hereby informed that the Ministry of Environment, Forest and Climate Change, New Delhi has accorded the Environmental Clearance for setting up of the proposed manufacturing of Specialty Fine chemicals by M/s. Ganesh Polychem Limited at plot no. 408 & 409, GIDC Estate, Phase - II, Vapi, Dist.-Valsad, Gujarat. - vide File no. J-11011184/2015-IA-II (I) on the date of 28/10/2016. A copy of the clearance letter is placed at office of Gujarat Pollution Control Board (Vapi & Gandhinagar) and may also be seen at website of the ministry at <http://envfor.nic.in>

DATE: 17-11-2016 - SIGNATURE - DIRECTOR

SGCCI submits blueprint on mega textile park to state govt

Surat: Southern Gujarat Chamber of Commerce and Industry (SGCCI) on Thursday made a detailed presentation on the proposed mega textile park at Vapi to chief secretary and other senior officials from various departments of Gujarat Government in Gandhinagar.

The SGCCI, which is in the process of forming a special purpose vehicle (SPV) for the project, has written to the Gujarat Government to allot 70 lakh square meter of land at Vapi to the Gujarat Textile Park. The SGCCI is sure to get the land allotment cleared by the state government in the next couple of months.

SGCCI office-bearers said the presentation prepared by I&PS was well received by the government officials. The SGCCI has appointed around 10 directors to head its SPV for the Rs1,500 crore mega textile park. The park will accommodate around 100 textile processing units, 40 spinning units, 40 weavers units, around 225 perma-weaving units and other textile ancillary units. As per the proposed plan, the mega textile park will house giant textile processing units, each having the average capacity to manufacture over 3 lakh meters of fabric per day.

SGCCI president BS Agarwal told TOI: "We will be putting up the proposal for the land allotment with the Gujarat Government within a week's time. The SGCCI is sure to get the land allotment cleared by the state government in the next couple of months." Agarwal said the processing units in Surat are located in Pandhara, Kadedara, Palana and Sachin industrial estates, each having one CETP plant.

TIME'S APPOINTMENTS

SHRI M. JINWALA RELAYANI MANDAL
M.U.S. ENGLISH MEDIUM SCHOOL
 (A) - 100% English Medium, (B) - 50% English Medium, (C) - 25% English Medium, (D) - 10% English Medium

URGENTLY REQUIRED

Interested and competent candidates with professional qualification and experience will get salary as per their responsibilities.

- School Time: 7:30 AM to 1:30 PM on regular days.
- Teachers with high School experience will be given first preference over attractive salary.
- Fresher with positive attitude and challenging spirit will also be given first opportunity.
- Tightly effective and efficient teaching facilities required for following subjects:

Section	Subject	Qualification
Primary Section	English, Basic Science, Gujarati, Math, Sanskrit	B.A/B Com/B Ed.
Secondary Section	Maths and Science	B.Sc./B.Ed.
Secondary Section	English, Social Science, Hindi	B.A./B.A. B.Ed.
High Secondary Section	Maths and Science	B.Sc./M.Sc./B.Ed.
High Secondary Section	Commerce, English, Sanskrit, Gujarati	M.Com/B.A. B.Ed. M.A./B.Ed.

- B.Ed. are also urgently required for primary and high school.
- Full time Karva teachers should also apply.
- Lab Technician & Librarian (B.L.B.)
- Handwritten applications with photocopies of original certificates and latest photograph should reach in (07) seven days.
- Selected candidates will have to join from 1st December.

PRESIDENT