

Date: 25/05/2023

GPCB ID: 22986

To,
~~The Member Secretary,~~
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10A,
Gandhinagar-382010.

Subject: Half Yearly Environment Clearance Condition's Compliance Report for the period October' 2022 to March' 2023.

Ref : Environment Clearance letter no. SEIAA/GUJ/EC/5(f)/874/2021 dated 17th June, 2021.

Respected Sir,

We are pleased to submit the Compliance Report (monitoring period **October' 2022 to March'2023**) as per condition no. 143 mentioned in environmental clearance letter no. **SEIAA/GUJ/EC/5(f)/874/2021 dated 17th June, 2021** for our project 'Expansion of Pharmaceutical/Drug, API & API Intermediate manufacturing unit by **M/s. Aarti Pharmalabs Limited(Custom Synthesis Division)** formerly known as Aarti Industries Limited (Custom Synthesis Division) located at plot no. 22/C-1&2, Phase-I in GIDC industrial estate, Vapi in Gujarat.'

The compliance report is supported with the required attachments.

Thanking you.

Yours Faithfully,

For Aarti Pharmalabs Limited
(Custom Synthesis Division)


Authorized Signatory

COPY TO:

- 1) The Regional Officer, Gujarat Pollution Control Board, Vapi.
- 2) Email to The Deputy Director General, Forest (Central), Regional Office- Gandhinagar
- 3) Email to The Regional Officer, Central Pollution Control Board, Vadodara.
- 4) Email to SEIAA, Gujarat.
- 5) Uploaded in Parivesh, MoEF&CC portal



AARTI PHARMALABS LIMITED

www.aartipharmalabs.com | CIN : U24100GJ2019PLC110964 | E: info@artipharmalabs.com

Factory : Custom Synthesis Division, Plot No. 22-C/1 & 22-C/2, 1st. Phase, G.I.D.C., Vapi-396 195, District - Valsad, Gujarat, INDIA T: +91 0260 - 2400467, 9909994655

Admin Office : 204, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai, Pin-400 080, Maharashtra, INDIA, T: +91 022 67976666 F: +91 022 256532

Regd. Office : Plot No. 22-C/1 & 22-C/2, 1st. Phase, G.I.D.C., Vapi-396 195, District - Valsad, Gujarat, INDIA

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division), Plot No.22/C-1&2, Phase-I, GIDC Vapi, Gujarat-396195.

Compliance Report of Environmental Clearance File No. SEIAA/GUJ/EC/5(f)/874/2021 Dated .17/06/2021 for the period of Oct. 2022 to March. 2023.

General Conditions

Sr No	Conditions	Compliance
1	Project proponent (PP) shall strictly abide by the outcome/decision of Hon'ble supreme court of India in civil appeal no. 8478/2020 regarding operation of the Hon'ble NGT orders dated 10/07/2019 & 14/11/2019.	Unit have strictly abide by the outcome/decision of Hon'ble supreme court of India in civil appeal no. 8478/2020 regarding operation of the Hon'ble NGT orders dated 10/07/2019 & 14/11/2019.
2	PP shall comply conditions of any subsequent amendment or expansion or change in product mix, after the 30th March 2021 considered as per the provisions in force at that time as mentioned in the notification vide S.O. 1223 (E) dated 27/03/2020 and S.O. 3636 (E) dated 15/10/2020.	Unit had complied conditions of any subsequent amendment or expansion or change in product mix, after the 30th March 2021 considered as per the provisions in force at that time as mentioned in the notification vide S.O. 1223 (E) dated 27/03/2020 and S.O. 3636 (E) dated 15/10/2020.
3	PP shall carry out proposed project/activities in respect of active pharmaceutical Ingredients (API) as per the amended EIA notification vide S.O. 1223 (E) dated 27/03/2020, S.O. 3636 (E) dated 15/10/2020 and any subsequent amendments.	Unit is agreed to carry out proposed project/activities in respect of active pharmaceutical Ingredients (API) as per the amended EIA notification vide S.O. 1223 (E) dated 27/03/2020, S.O. 3636 (E) dated 15/10/2020 and any subsequent amendments.
4	PP shall submit six monthly compliance report of Environmental clearance without fail and the same shall be critically assessed by the regulatory authority.	Complied. The unit is submitting the half yearly EC compliance regularly. Last EC compliance report submitted on 30/11/2022.
5	Unit shall surrender EC obtained on dated: 20.11.2019	Complied with this EC. Old EC is surrendered by unit.
6	Total number of products manufacturing shall not exceeding twenty five (25) at a given point of time as per the plant capacity shown in plant layout.	Total number of products manufacturing will not exceed twenty five (25) at a given point of time as per the plant capacity shown in plant layout. CCA Copy is attached as Annexure-I .
7	(a) R & D products shall be of similar chemistry in line with the EIA notification vide S.O. 1223 (E) dated 27/03/2020 and the pollution load shall remain the same as committed. (b) Project proponent shall not take continuous/commercial production of the R & D materials. Necessary approvals shall be obtained from the concern authorities prior to commercial production of R & D materials. (c) Unit shall submit relevant details of R & D products like raw materials, its safety measures to the regulatory authority well before R & D activity. (d) Unit shall submit relevant details of R & D products like different wastes generated (Quantity & Quality) and its management to the regulatory authority within a month of R & D activity.	(a) R & D products have similar chemistry in line with the EIA notification vide s.o. 1223 (E) dated 27/03/2020 and the pollution load is the same as committed. (b) Project proponent has not taken continuous/commercial production of the R & D materials. And if required necessary approvals will be obtained from the concern authorities prior to commercial production of R & D materials. (c) Unit obey the condition related to submit relevant details of R & D products like raw materials, its safety measures to the regulatory authority well before R & D activity. (d) Unit will submit relevant details of R & D products like different wastes generated (Quantity & Quality) and its management to the regulatory authority within a month of R & D activity.

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division), Plot No.22/C-1&2, Phase-I, GIDC Vapi, Gujarat-396195.

8	The PP shall develop greenbelt (4777 sq m(18.23%) inside plant premises + 6780 sq m (25.88%) in vapi GIDC area = total 11557.66 sq m) i.e 44.10% of total plot area) as committed before SEAC. Greenbelt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within three years of operation phase in consultation with GPCB.	Complied. The unit has a green belt of 44.10% of total plot area.
9	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapours in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.	Complied. A Closed loop solvent recovery system with adequate condenser system is provided to recover solvent vapours in such a manner that recovery is maximum and recovered solvent is reused in the process within premises.
10	Leak detection and repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR logbooks shall be maintained.	Leak detection and repair (LDAR) program is being prepared and implemented as per the CPCB guidelines. LDAR logbooks maintained.
11	<p>Safety & Health</p> <p>a. Unit shall obtain all required permissions from the Narcotics Control Bureau for storage and handling of Acetic Anhydride & any such chemicals.</p> <p>b. PP shall obtain PESO permission for the storage and handling of hazardous chemicals.</p> <p>c. PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.</p> <p>d. PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.</p> <p>e. Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.</p> <p>f. PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.</p> <p>g. PP shall install adequate fire hydrant system within premises and separate storage of water for the same shall be ensured by PP.</p> <p>h. PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.</p> <p>i. PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises.</p> <p>j. Flame proof electrical fittings shall</p>	<p>Complied.</p> <p>a. Unit has obtained all required permissions from the Narcotics Control Bureau for storage and handling of Acetic Anhydride & any such chemicals.</p> <p>b. The unit has already obtained PESO permission for the storage and handling of hazardous chemicals.</p> <p>c. The unit has already provided Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.</p> <p>d. The unit has already obtained fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.</p> <p>e. The unit has already adopted functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.</p> <p>f. The unit is regularly carrying out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.</p> <p>g. The unit has already installed adequate fire hydrant system within premises and separate storage of water for the same shall be ensured.</p> <p>h. The unit has already taken all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.</p>

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division) ,Plot No.22/C-1&2,Phase-I,GIDCVapi,Gujarat-396195.

	<p>be provided in the plant premises, wherever applicable.</p> <p>k. PP shall provide double earthing to solvent storage tanks</p> <p>l. Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>m. Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.</p> <p>n. Unit shall provide water sprinkler to the ammonia storage cylinder.</p> <p>o. Unit shall Store Bromine Bottle in cool dry separate area, out of direct sunlight.</p> <p>p. Unit shall provide safety valve & rupture disc to the Hydrogenation vessel.</p> <p>q. Unit shall provide adequate safety system such as water sprinklers, water curtain, foam pouring system etc to restrict cascade fire emergency in solvent tank farm.</p>	<p>i. The unit has already taken all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises.</p> <p>j. The unit has already provided Flame proof electrical fittings in the plant premises, wherever applicable.</p> <p>k. The unit has already provide double earthing to solvent storage tanks</p> <p>l. The unit has never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>m. The unit has already provided effective Isolation for Process area and storage of hazardous chemicals.</p> <p>n. The unit has already provided water sprinkler to the ammonia storage cylinder.</p> <p>o. The Unit has Store Bromine Bottle in cool dry separate area, out of direct sunlight.</p> <p>p. The unit has already provided safety valve & rupture disc to the Hydrogenation vessel.</p> <p>q. The unit has already provided adequate safety system such as water sprinklers, water curtain, foam pouring system etc to restrict cascade fire emergency in solvent tank farms.</p>
12	Unit shall comply with all the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in, Original Application No 1038/2018 dated 10/07/2018.	Unit has complied with all the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in, Original Application No 1038/2018 dated 10/07/2018.
13	Unit shall stand in compliance to Office Memorandum (OM) vide Letter No. F. No. 22-22018 -IA.III (Pt) dated 13/10/2019 I regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (Published on 23/08/2019) in Original Application No. 10/07/2018.	Unit will stand in compliance to Office Memorandum (OM) vide Letter No. F. No. 22-22018 -IA.III (Pt) dated 13/10/2019 I regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (Published on 23/08/2019) in Original Application No. 10/07/2018.
14	No project/activity in contradiction to the orders passed Hon'ble National Green Tribil01 (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018 shall be carried out else the granted Environment clearance shall stand cancelled.	Noted by the unit. No project/activity in contradiction to the orders passed Hon'ble National Green Tribil01 (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018 will be carried out else the granted Environment clearance shall stand cancelled.
15	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reuse in the process within premises. (If there is in- house solvent recovery and in-house distillation)	A Closed loop solvent recovery system with an adequate condenser system already provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.
16	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per, the GPCB guidelines. LDAR Logbooks shall be maintained.	Leak Detection and Repair (LDAR) program is prepared and implemented as per the GPCB guidelines. LDAR Logbooks are maintained.

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division) ,Plot No.22/C-1&2,Phase-I,GIDCVapi,Gujarat-396195.

17	Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sending to CHWIF/TSDF sites respectively.	Complied. The unit is sending the process residues and spent carbon for co- processing only.
18	Unit shall install CEMS in line to-CPCB directions to all, SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05.02.2014 for effluent discharge and air/emission as per pollution discharge/emission from-respective project and an arrangement shall also be done for reflecting the online monitoring results on the 'company's server, which can be assessable by the GPCB/CPCB on real time basis. [Whichever (Air emission & Effluent discharge) is applicable as per the prevailing guidelines of GPCB/CPCB].	Complied. The unit is Zero Liquid Discharge, so the unit have install flow meter and camera at RO permeate and the same is connected with the SPCB/CPCB server. Continuous Emission Monitoring is not applicable as natural gas is being used as a fuel in boiler. Copy of the online monitoring system connected to SPCB/CPCB server is attached as Annexure-II .
19	All measures shall be taken to prevent soil and ground water contamination.	Complied. The unit has provided puccaa flooring within the premises to avoid soil and groundwater contamination.
20	The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November,2009 shall be complied with.	Complied. The ambient air monitoring of the same is being done every month by NABL/MoEF&CC approved laboratory and the reports of the same is attached as Annexure-III .
21	National Emission Standards for organic chemical manufacturing industry issued by the Ministry vide G. S. R. No. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	Not Applicable as a unit is manufacturing API and its intermediates.
22	Unit shall have to adhere to the prevailing 'area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & with the same.	The Unit have adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and carry out the project development in accordance & with the same.
23	Unit shall provide CCTV camera strategic, locations within premises with web link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).	Complied. CCTV surveillance is available at the unit premises with the 3 months back up data.
24	Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB recognized auditors.	Noted by the unit. Third party monitoring of the functioning of the EMS along with its efficiency is carried out once in a year through a GPCB recognized auditors. Report for the same is attached as Annexure-IV .

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A 2	WATER :																						
25	<p>Total water requirement for the project shall not exceed 10,366 KLD Unit shall reuse 9913 KLD treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 453 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.</p>	<p>The average fresh water requirement for the monitoring period is 256 KLD. Month wise water consumption data given in below table:</p> <table border="1" data-bbox="850 342 1399 741"> <thead> <tr> <th>Months</th> <th>Water Consumption (KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>7847</td> </tr> <tr> <td>Nov-22</td> <td>7680</td> </tr> <tr> <td>Dec-22</td> <td>7573</td> </tr> <tr> <td>Jan-23</td> <td>7769</td> </tr> <tr> <td>Feb-23</td> <td>7451</td> </tr> <tr> <td>Mar-23</td> <td>7710</td> </tr> </tbody> </table>	Months	Water Consumption (KL)	Oct-22	7847	Nov-22	7680	Dec-22	7573	Jan-23	7769	Feb-23	7451	Mar-23	7710							
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26	<p>The industrial effluent generation from the project shall not exceed 353 KLD.</p>	<p>The average effluent generation for the monitoring period is 191 KLD. Month wise Effluent generation data given in below table:</p> <table border="1" data-bbox="842 916 1399 1290"> <thead> <tr> <th>Months</th> <th>Effluent Generation(KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>5109</td> </tr> <tr> <td>Nov-22</td> <td>5210</td> </tr> <tr> <td>Dec-22</td> <td>5700</td> </tr> <tr> <td>Jan-23</td> <td>6259</td> </tr> <tr> <td>Feb-23</td> <td>5628</td> </tr> <tr> <td>Mar-23</td> <td>6501</td> </tr> </tbody> </table>	Months	Effluent Generation(KL)	Oct-22	5109	Nov-22	5210	Dec-22	5700	Jan-23	6259	Feb-23	5628	Mar-23	6501							
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27	<p>Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) low COD and TDS effluent and it shall be manage as below:</p> <p>High COD and TDS effluent (174 KLD)</p> <ul style="list-style-type: none"> 108 KLD, High COD and TDS effluent from the process and 66 KLD RO reject shall be treated in MEE. Out of 146 KLD, MEE condensate, 60 KLD shall be reused within premises and 86 KLD shall be further treated along with low COD effluent. 28 KLD from MEE shall be further treated in ATFD. 13 KLD, ATFD condensate shall be reused within premises. <p>Low COD and TDS effluent (331 KLD)</p> <ul style="list-style-type: none"> 86 KLD, MEE condensate and 210 KLD, Low COD effluent from process, washing, DM Plant & Scrubber shall be treated in ETP consist of primary, Secondary & Tertiary treatment units. 296 KLD treated effluent shall be further treated in RO along with 35 KLD blow down from utilities. 265 KLD, RO permeate shall be reused within premises. 	<p>Complied. Industrial Effluent is segregated into two streams. (1) High COD and TDS effluent (2) Low COD and TDS effluent</p> <table border="1" data-bbox="850 1536 1399 1964"> <thead> <tr> <th>Months</th> <th>High COD/TDS (KL)</th> <th>Low COD/TDS (KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>2192</td> <td>2917</td> </tr> <tr> <td>Nov-22</td> <td>2227</td> <td>2983</td> </tr> <tr> <td>Dec-22</td> <td>2404</td> <td>3296</td> </tr> <tr> <td>Jan-23</td> <td>2703</td> <td>3556</td> </tr> <tr> <td>Feb-23</td> <td>2349</td> <td>3279</td> </tr> <tr> <td>Mar-23</td> <td>2381</td> <td>4120</td> </tr> </tbody> </table>	Months	High COD/TDS (KL)	Low COD/TDS (KL)	Oct-22	2192	2917	Nov-22	2227	2983	Dec-22	2404	3296	Jan-23	2703	3556	Feb-23	2349	3279	Mar-23	2381	4120
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28	Complete Zero liquid Discharge (ZLD) status shall be maintained all the time and there shall be no drainage connection from the premises.	Complied. The unit is zero liquid discharge since 2012. The unit will maintain ZLD even after the expansion. The copy of the GIDC drainage disconnection certificate is attached as Annexure-V.																							
29	Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on environment and human health.	Unit have feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on environment and human health.																							
30	Domestic waste water generation shall not exceed 25 KL/day for proposed project and it shall be treated in STP. It shall not be disposed of through soak pit/ septic tank. Treated sewage shall be utilized for gardening / plantation purpose and cooling water within premises after achieving on-land discharge norms prescribed by the GPCB.	Complied. Months wise Domestic waste water generation data is given in below table: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Months</th> <th>Avg. Sewage Generation(KLD)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>24.10</td> </tr> <tr> <td>Nov-22</td> <td>23.88</td> </tr> <tr> <td>Dec-22</td> <td>23.45</td> </tr> <tr> <td>Jan-23</td> <td>24.40</td> </tr> <tr> <td>Feb-23</td> <td>23.00</td> </tr> <tr> <td>Mar-23</td> <td>23.90</td> </tr> </tbody> </table>	Months	Avg. Sewage Generation(KLD)	Oct-22	24.10	Nov-22	23.88	Dec-22	23.45	Jan-23	24.40	Feb-23	23.00	Mar-23	23.90									
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31	During monsoon season when treated sewage may not be required for the plantation / gardening / green belt purpose, it shall be used in cooling tower. There shall be no discharge of wastewater outside the premises in any case.	Noted by the unit. Necessary provision taken by the unit.																							
32	Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days	Noted by the unit. Unit has provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.																							
33	The unit shall provide metering facility at the inlet and outlet of ETP, RO, MEE & STP and maintain records for the same.	Complied. The unit have already provided the meters at inlet and outlet of ETP, RO, MEE and maintaining records for the same in logbook.																							
34	Proper logbook of ETP, RO, MEE & STP, reuse/recycle treated /untreated effluent chemical consumption in effluent treatment, quantity & quality of treated effluent power consumption etc. shall maintained and shall be furnished to the GPCB from time to time.	Complied. Proper logbooks are maintained for ETP, RO, MEE , STP.																							
A3	AIR																								
35	Unit shall not exceed fuel consumption for boilers, Thermo pack, DG Sets as mentioned below	Complied. Fuel Consumption data is given as below: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Fuel Consumption(Oct-22 to March-23)</th> </tr> </thead> <tbody> <tr> <td>Natural Gas</td> <td>202735 SCM</td> </tr> <tr> <td>Diesel</td> <td>5533 Lit</td> </tr> <tr> <td>Steam</td> <td>29374 MT</td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sr.No</th> <th>Source of emission With Capacity</th> <th>Type of Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Boiler - 12 TPH</td> <td>Natural Gas</td> </tr> <tr> <td>2</td> <td>Thermo pack (2 Lac kcal/hr)</td> <td>Natural Gas</td> </tr> <tr> <td>3</td> <td>Thermo pack (2 Lac kcal/hr)</td> <td>Natural Gas</td> </tr> <tr> <td>4</td> <td>D.G.Set 625 KVA</td> <td>Diesel</td> </tr> </tbody> </table>	Fuel Consumption(Oct-22 to March-23)		Natural Gas	202735 SCM	Diesel	5533 Lit	Steam	29374 MT	Sr.No	Source of emission With Capacity	Type of Fuel	1	Boiler - 12 TPH	Natural Gas	2	Thermo pack (2 Lac kcal/hr)	Natural Gas	3	Thermo pack (2 Lac kcal/hr)	Natural Gas	4	D.G.Set 625 KVA	Diesel
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	5	D.G.Set 320 KVA	Diesel			
	6	D.G.Set 610 KVA	Diesel			
	7	DG Set (1000 KVA)	Diesel			
	8	DG Set (1000 KVA)	Diesel			
	9	Steam from M/s. Nascent Chemicals Industries Ltd	Steam			
36	Unit shall provide adequate APCM with flue gas generation sources as mentioned above.			Complied.		
37	Unit shall provide adequate APCM with process gas generation sources as mentioned below.			Complied.		
	Sr. No.	Source of emission	Type of emission	Sr. No.	Source of emission	Type of APCM
	1	Stack attached to Block - I reactor scrubber	HCl	1	Stack attached to Block - I reactor scrubber	Unit has provided two / three/Four/ Five stage water scrubber followed by Alkali / Acid/methanol scrubber as per requirement.
	2	Stack attached to Block - II reactor scrubber	HCl	2	Stack attached to Block - II reactor scrubber	
	3	Stack attached to Block - III reactor scrubber	SO2 HCl HBr NOx	3	Stack attached to Block - III reactor scrubber	
	4	Stack attached to Block - IV reactor scrubber	SO2 HCl	4	Stack attached to Block - IV reactor scrubber	
	5	Stack attached to Block - V reactor scrubber	HCl NOx	5	Stack attached to Block - V reactor scrubber	
	6	Stack attached to Block - VI reactor scrubber	HCl NOx	6	Stack attached to Block - VI reactor scrubber	
	7	Stack attached to Pilot Plant Scrubber	HCl	7	Stack attached to Pilot Plant Scrubber	
	8	Stack attached to Block - II reactor scrubber	NH3	8	Stack attached to Block - II reactor scrubber	
	9	Stack attached to Block - V reactor scrubber	NH3	9	Stack attached to Block - V reactor scrubber	
10	Stack attached to Block - I reactor scrubber	HCl	10	Stack attached to Block - I reactor scrubber		
38	<p>The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time. (e.g Directors of industrial safety & health).Following indicative guidelines shall also be followed to reduce the failure emission.</p> <ul style="list-style-type: none"> Internal roads shall be either concreted or asphalted or paved property to reduce the fugitive emission during vehicle movement. <p>Air borne dust shall be controlled with water sprinklers at suitable location.</p>			Complied. The unit is carrying out work zone fugitive monitoring monthly by NABL / MoEF &CC approved laboratory. Reports of the same are attached as Annexure-VI .		
39	Regular monitoring of volatile organic compounds (VOCs) shall be carried out in the work zone area and ambient air.			Complied. The unit is carrying out work zone environment monitoring monthly by NABL approved laboratory. Reports of the same are attached as Annexure-VI .		

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40	<p>for control of fugitive emission , VOCs, following step shall be followed:</p> <p>a. Closed handling and charging system shall be provided for chemicals.</p> <p>b. Reflux condenser shall be provided over Reactors / Vessels.</p> <p>c. Pump shall be provided with mechanical seals to prevent leakage.</p> <p>d. Air borne dust at all transfers operations/ point shall be controlled either by spraying water or providing enclose.</p>	<p>Complied.</p> <p>a. Closed handling and charging system is provided for chemicals.</p> <p>b. Reflux condenser is provided over Reactors / Vessels.</p> <p>c. Pump is provided with mechanical seals to prevent leakage.</p> <p>d. Air borne dust at all transfers operations/ point has controlled either by spraying water or providing enclose.</p>
41	<p>Solvents management shall be carried out as follow:</p> <p>a. Measure shall be taken to reduce the process vapour emission as far as possible. use of toxic solvents shall be minimum. all venting equipment shall be have vapour recovery system.</p> <p>b. Reactor shall be connected to adequate chilling system to condensate solvents vapors and reduce solvents losses.</p> <p>c. Reactor and solvents handling pump shall have mechanical seal to prevent leakages.</p> <p>d. The condenser shall be provided with sufficient HTA and residence time so as to achieve maximum solvents recovery.</p> <p>e. Solvents shall be stored in separate space specified with all safety measures.</p> <p>f. Proper earthling shall be provided in all electrical equipment wherever solvents handling is done.</p> <p>g. Solvents handling and storage area shall be flame proof. the solvents storage tank shall be provided with breather valve to prevent losses.</p>	<p>Solvents management shall be carried out as follow:</p> <p>a. Measure has taken to reduce the process vapour emission as far as possible. use of toxic solvents shall be minimum. all venting equipment shall be have vapour recovery system.</p> <p>b. Reactor is already connected to adequate chilling system to condensate solvents vapors and reduce solvents losses.</p> <p>c. Reactor and solvents handling pump are having mechanical seal to prevent leakages.</p> <p>d. The condenser has to provided with sufficient HTA and residence time so as to achieve maximum solvents recovery.</p> <p>e. Solvents are being stored in separate space specified with all safety measures.</p> <p>f. Proper earthling is provided in all electrical equipment wherever solvents handling is done.</p> <p>g. Solvents handling and storage area is flame proof. The solvents storage tank is provided with breather valve to prevent losses.</p>
42	<p>Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx and VOCs shall be carried out in the impact zone and its record shall be maintained. Ambient air quality levels shall not exceeds the standards stipulated by the GPCB.</p>	<p>The ambient air monitoring of the same is being done every month by NABL/ MoEF&CC approved laboratory and the reports of the same are attached as Annexure-III.</p>

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A 4	SOLID/HAZARDOUS WASTE :					
43	All the Hazardous/solid waste management shall be taken care as mentioned below.			Complied.		
	Sr. No	Type of Hazardous waste	Qty. (MT/Annum)	Sr. No.	Type of Hazardous waste Disposal	Qty.in MT (Oct-22 to March-23)
	1	ETP Sludge	2000	1	ETP Sludge	440.28
	2	MEE Salt	5400	2	MEE Salt	991.00
	3	Spent Carbon	300	3	Spent Carbon	27.85
	4	Distillation residue	1043.76	4	Distillation residue	83.69
	5	Spent Solvent	5682.72	5	Spent Solvent	897.50
	6	Discarded containers/ bags	290	6	Discarded containers/ bags	24.38
	7	Used oil	82.00	7	Used oil	5.61
	8	Spent catalyst	68.64	8	Spent catalyst	14.65
	9	Phosphoric Acid	3150	9	Phosphoric Acid	0.00
	10	HCl (30%)	2183	10	HCl (30%)	0.00
	11	Potassium Bromide	621	11	Potassium Bromide	0.00
	12	Sodium Bromide	1088	12	Sodium Bromide	0.00
	13	Hydrogen Bromide	857	13	Hydrogen Bromide	0.00
	14	Maleic Acid	810	14	Maleic Acid	0.00
	15	Off specification products	200	15	Off specification products	0.00
	16	Date Expired Products	1	16	Date Expired Product	0.00
	17	Spent Hydrochloric Acid -25 %	25200	17	Spent Hydrochloric Acid -25 %	0.00
	18	Na2SO4 Scrub solution - 5%	1165	18	Na2SO4 Scrub solution - 5%	0.00
	19	Acetic Acid 60-65%	1383	19	Acetic Acid 60-65%	0.00
	20	Ammonical Methanol	85	20	Ammonical Methanol	0.00
	21	Liq. Ammonia	560	21	Liq. Ammonia	0.00
44	Authorized end-users shall have permission from the concerned authorities under the rule 9 of the hazardous and other waste (management and transboundary movement) rule 2016.			Complied. All the hazardous waste disposal is being done as per the hazardous and other waste (management and transboundary movement) rule 2016.		
45	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.			Complied. The unit is sending the process residues and spent carbon for co- processing only.		
46	The unit shall submit the list of authorized end users of hazardous waste along with the MOU signed with them at least two months in advance prior to the commencement of production. In the absence of the potential buyers of these items, the unit shall restrict the production of the respective items.			Complied. The unit have already done the MOU with authorized end users.		
A 5	OTHER :					
47	The project proponent shall allocated the separate fund of Rs.9.00 Lakhs as committed before SEAC.The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half			Unit has already spent 10.82 Lakhs towards CER activities. Details of the same have been submitted to the District collector office. The copy of the same has been attached as Annexure- VII.		

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	yearly compliance report and to district collector .The monitoring report shall be posted on the website of the project proponent.	
48	All the environmental protection measures and safeguards proposed in the form-1 & PFR submitted by the project proponent and commitments made in their application the shall be strictly adhered to in letter and spirit.	Noted by the unit.
B	GENERAL CONDITIONS :	
49	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	Noted by the unit.
50	Project proponents shall ensure that the surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	Noted by the unit.
51	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	Noted by the unit.
52	First aid box shall be made readily available in adequate quantity at all the times.	Complied. The first aid boxes are made readily available in adequate quantities within the premises.
53	The project proponent shall strictly comply with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	Noted by the unit.
54	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	Complied. The ambient noise level is conforming the standards during day and night time. The monitoring of the same is being done monthly by NABL approved laboratory. Reports of the same are attached as Annexure-VIII.
55	Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	Complied. Acoustic enclosure provided for the DG sets.
56	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	Noted by the unit.
57	All top soil excavated during construction activity shall be used in horticultural/ landscape development within the project site.	Noted by the unit.
58	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be	Noted by the unit.

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	disposed-off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighboring communities.	
59	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete [RMC] and lead free paints in the project.	Noted by the unit.
60	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act 1986 and its subsequent amendments from time to time.	Not Applicable
61	“Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual buildings within the project site shall also be provided with barricades.	Noted by the unit.
62	“No uncovered vehicles carrying construction material and waste shall be permitted.”	Noted by the unit.
63	“No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured.”	Noted by the unit.
64	Roads leading to or at construction site must be paved and blacktopped (i.e. - metallic roads).	Noted by the unit.
65	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Noted by the unit.
66	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	Noted by the unit.
67	Grinding and cutting of building materials in open areas shall be prohibited.	Noted by the unit.
68	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Noted by the unit.
69	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (if applicable).	Noted by the unit.
B 2	OPERATION PHASE :	
B 2.1	WATER :	

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70	Industry should provide separate dedicated washing area for hand washing/bathing of worker and the waste water generated from the same should be taken into ETP.	Complied. Industry has provided a separate dedicated washing area for hand washing/bathing of workers and the wastewater generated from the same is being taken into STP.
71	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Complied. The water meter has been provided and daily records of the same are maintained.
72	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	Noted by the unit. The unit shall continuously strive to reduce, recycle and reuse the treated effluent.
B 2.2	AIR :	
73	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	Not applicable. There is no spray Dryer.
74	Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	Acoustic enclosure is provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards. The monitoring of the same is being done monthly by NABL/MoEF&CC approved laboratory. Reports of the same is attached as Annexure-VIII.
75	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Stack/Vents (Whichever is applicable) of adequate height is provided as per the prevailing norms for flue gas emission/Process gas emission. The monitoring of the same is being done monthly by NABL/MoEF&CC approved laboratory. Reports of the same is attached as Annexure-IX.
76	Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.	Flue gas emission & Process gas emission (If any) is conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. The monitoring of the same is being done every month by NABL approved laboratory. Reports of the same is attached as Annexure-IX.
77	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	All the reactors / vessels used in the manufacturing process are closed to reduce the fugitive emission.
78	Adequate Air Pollution Control Measures (APCM) shall be provided.	Adequate Air Pollution Control Measures (APCM) is provided.

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79	The unit shall adhere to sector specific guidelines/ SOP published by GPCB/CPCB from time to time for effective fugitive emission control. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	The unit is carrying out fugitive emission every month in the plant premises through a NABL approved laboratory.
80	Unit shall take adequate measures to control odor nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odor vulnerable areas etc.	Noted by the unit.
81	Unit shall provide wall to wall carpeting in vehicle movement areas within premises to avoid dusting.	Unit has already covered the vehicle movement area by carpeting.
B 2.3	HAZARDOUS/SOLID WASTE	
82	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / Treatment / storage / disposal of hazardous wastes.	The company is strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time.
83	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Hazardous wastes is dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
84	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	The unit has obtained necessary permission from the nearby TSDF site and CHWIF and records for the same are maintain in hardcopy.
85	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.	Trucks/Tankers used for transportation of hazardous waste is in Accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
86	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	The design of the Trucks/tankers is such that there is no spillage during transportation.
87	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied. The unit is disposing Spent carbon and Process Residue for Co- Processing only.
88	Management of fly ash (if any) shall be as per the fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	Not Applicable. Unit used natural gas as boiler fuel.
89	Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWF, co-processing and end-users having Rule-9 permission.	Unit is disposing hazardous wastes through AIS-140 GPS mounted vehicles for disposal at TSDF/CHWF, co-processing and end-users having Rule-9 permission.

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90	The by-products which fall under the purview of the hazardous and other wastes (Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions from the concern authority shall be obtained.	All the by products are being sent to authorized recycler having permission under rule 9 of hazardous and other wastes (Management and Transboundary Movement) Rules 2016.
91	Unit shall submit the list authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production. In absence of potential buyers of these items, the unit shall restrict the production of respective item.	Complied. The unit has already done the MOU with authorized end users.
92	Industry shall dispose its hazardous wastes through co-processing, pre- processing to the extent possible prior its disposal to incineration/ landfill as per provisions of hazardous and other wastes (Management and transboundary movement) Rules,2016.	Complied. The unit is disposing Spent carbon and Process Residue for Co- Processing only.
B 2.4	SAFETY :	
93	The occupier/manager shall strictly comply the provision under the Factories Act 1948 and the Gujarat Factories Rules 1963.	The occupier/manager is strictly comply the provision under the Factories Act 1948 and the Gujarat Factories Rules 1963.
94	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite on-site and off-site Disaster management plans have to be prepared and implemented.	Complied. The unit have already prepared the on-site and off-site disaster management plans.
95	Main entry and exit shall be separate and clearly marked in the facility.	Broad size single entry and exit is provided with clearly marked in facility.
96	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/emergency vehicle around the premises.	Sufficient peripheral open passage is kept in the margin area for free movement of fire tender/emergency vehicle around the premises.
97	Storage of flammable chemicals shall be sufficiently away from the production area.	Flammable chemicals is storage separately from the production area.
98	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Sufficient number of fire extinguishers is already provided near the plant and storage area.
99	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	All necessary precautionary measures is taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
100	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	All the toxic/hazardous chemicals is stored in optimum quantity and all necessary permissions in this regard is obtained.

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101	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Noted by the unit.
102	Only flame proof electrical fittings shall be provided in the plant premises.	Flame proof electrical fittings are provided within the plant premises.
103	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	Noted by the unit.
104	All the storage tanks shall be filled with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for hazardous chemicals.	Noted by the unit.
105	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Handling and charging of the chemicals is done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
106	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	The unit have already tied up with nearby Hospital to provide immediate medical attention in the case of emergency.
107	Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Personal Protective Equipment (PPEs) are provided to workers and its usage to ensured and supervised.
108	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	First Aid Box and required Antidotes for the chemicals used in the unit is made readily available in adequate quantity.
109	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Noted by the unit.
110	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	Occupational health surveillance of the company employees as well as for contract workers is being done every six monthly and its records are also maintained. Medical report of the employees is attached as Annexure-X .
111	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Transportation of hazardous chemicals is done as per the provisions of the Motor Vehicle Act & Rules.
112	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	The company has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.
113	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Compiled. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others are obtained.
114	Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be maintained.	Pre-employment and routine periodical medical examinations for all employees are undertaken on regular basis. Training to all employees on handling of chemicals is maintained. Periodic Medical Checkup reports are attached as Annexure-X .
115	Effective safety precaution shall be taken for chemical storage, process handling and transportation hazard.	Effective safety precautions are taken for chemical storage, process handling and transportation hazard.

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116	Unit shall prepare and implement SOP for safe operation of the works.	Unit has already prepared and implemented SOP for safe operation of the works.
117	Comply the statutory provision of safety audit & its compliance report.	Noted by the Unit.
118	Effective step shall be taken for prevention of fire, explosion & toxic release.	Effective step are taken for prevention of fire, explosion & toxic release.
B 2.5	NOISE	
119	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Noted by the unit and report for the same is attached as Annexure VIII .
B 2.6	CLEANER PRODUCTION AND WASTE MINIMISATION:	
120	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	The unit will undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
121	The company shall undertake various waste minimization measures such as, a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h. Recycling of steam condensate. i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	The company has undertaken various waste minimization measures such as, a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h. Recycling of steam condensate. i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.
B 2.7	GREEN BELT AND OTHER PLANTATION.	
122	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.	The unit has developed green belt within premises as well as outside the premises as per the CPCB guidelines. And also developed the green belt in GIDC,Vapi.

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123	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Noted by the unit.
B 3	OTHER CONDITION :	
124	Unit shall comply all the applicable standard conditions prescribed in office Memorandum (OM) published by MoEF&CC vide no. f. No. 22-34/2018-IA.III dated 09/08/2018 for pharmaceutical and Chemical industries mentioned at (sr. no. XX).	Unit have comply all the applicable standard conditions prescribed in office Memorandum (OM) published by MoEF&CC vide no. f. No. 22-34/2018-IA.III dated 09/08/2018 for pharmaceutical and Chemical industries mentioned at (sr. no. XX).
125	The provisions of the solid waste Management Rules, 2016, e-Waste (Management) Rules,2016, the construction and demolition waste management rules, 2016 and the plastics waste management rules, 2016 shall be followed.	The provisions of the solid waste Management Rules, 2016, e-Waste (Management) Rules,2016, the construction and demolition waste management rules, 2016 and the plastics waste management rules, 2016 are followed and return file timely for the same.
126	Rain water harvesting (off-site) shall be undertaken to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre- treatment must be done to remove suspended matter. (Applicable for units consuming ground water > 50 KLD in line with the prevailing guidelines of SPCB).	Complied. The unit has provided the rain water harvesting facilities.
127	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	Noted by the unit.
128	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	Noted by the unit.
129	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	Noted by the unit.
130	All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	Noted by the unit.
131	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	Noted by the unit.
132	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Complied. The unit has provided the one push shut down control system in case of failure of any pollution control system.
133	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	Noted by the unit.

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division), Plot No.22/C-1&2, Phase-I, GIDC Vapi, Gujarat-396195.

134	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.	Noted by the unit.
135	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied
136	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Noted by the unit. Secondary containment is provided to avoid violation.
137	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted by the unit.
138	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted by the unit.
139	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.	Noted by unit
140	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	Noted by the unit.
141	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Noted by the unit.
142	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied. Advertisement has been given in Gujarati language newspaper and English language newspaper. Copies of the advertisements are attached as Annexure-XI .

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division) Formerly known as M/s. Aarti Industries Ltd. (Custom Synthesis Division) ,Plot No.22/C-1&2,Phase-I,GIDCVapi,Gujarat-396195.

143	It shall be mandatory for the project management to submit half yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	Complied. Half yearly EC compliance has been submitted to regulatory authorities. Last EC Compliance is submitted in November 2022.
144	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted by the unit.
145	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Noted by the unit.
146	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted by the unit.
147	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	Noted by the unit.
148	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted by the unit.
149	This environmental clearance is valid for seven years from the date of issue.	Noted by the unit.
150	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted by the unit.
151	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	Noted by the unit.

Annexure-I

CCA Copy



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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Website : www.gpcb.gov.in

R.P.A.D.

NO: GPCB/CCA-VSD-1110(6)/ID 22986/

TO,

M/S. AARTI PHARMALABS LIMITES (CUSTOM SYNTHESIS DIVISION),

PLOT NO. 22/C-1, PHASE-I,

VAPI-386195, TAL: PARDI,

DIST : VALSAD,.

SUB: Transfer of Consolidated Consents & Authorization (CC&A) under the Water Act-1974, Air Act-1981 & Hazardous and Other Waste Rules-2016

REF: Your request letter dated: 08/10/2022.

Sr,

The Gujarat Pollution Control Board has granted Consolidated Consents & Authorization (CC&A) vide letter No GPCB/CCA-VSD-1110(5)/ID-22986/660066 dated 22.04.2022 under the provisions of the Water Act-1974, Air Act-1981 & Hazardous and Other Waste Rules-2016, to M/S. AARTI INDUSTRIES LTD (CUSTOM DIV). Since you have changed name of your company and requested to the Board to transfer the said (CC&A) order in your name, the said order is further amended as under

The name of the industry shall be read as M/S. AARTI PHARMALABS LIMITES (CUSTOM SYNTHESIS DIVISION) instead of M/S. AARTI INDUSTRIES LTD (CUSTOM DIV) Now onwards all the representatives to comply with the conditions of the said order & provisions of the Water Act, Air Act & Hazardous and Other Waste Rules shall be of M/S. AARTI PHARMALABS LIMITES (CUSTOM SYNTHESIS DIVISION).

Other all terms & Consolidated Consents & Authorization (CC&A) order No GPCB/CCA-VSD-1110(5)/ID-22986/660066 dated: 22.04.2022 shall remain unchanged

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M V Patel)

Environmental Engineer

Copy to:

1. The Regional Officer, G P C. Board, Vapi
(With request to make necessary change in profile of industry in XGN)

Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

Outward No: 69/14/12/2022



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R.P.A.D.

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

And whereas Board has received CC&A (Renewal And Amendment) applications inward no. 209076 dated: 05/01/2022 & inward no 199010 dated: 30/08/2021 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consents & Authorization are hereby granted as under

CONSENTS AND AUTHORISATION:

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

TO,
✓ **M/S. AARTI INDUSTRIES LTD (CUSTOM DIV.),**
PLOT NO: 22/C-1, PHASE-I,
GIDC ESTATE, VAPI-396195,
TAL: PARDI, DIST: VALSAD

1. Consent Order No.: AWH-117627, Date of Issue: 21/03/2022 and Consent Order No.: AWH-117628, Date of issue: 21/03/2022
2. The consent shall be valid up to 31/12/2026 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity (MT/Month)
1	TV-VII(3S)-3-Amino-2,3,4,5- Tetrahydro-2-oxo-1H-1 Benzazepine-1-acetic acid, Tert butyl ester	2
2	TV-INT(Ethyl, 2-(4- Nitrobenzene Sulphonyl)	2
3	Fly X (2S,3aS,7aS)-1-[2-[1-(Ethoxycarbonyl)-(S)- Propyl]Octahydroindole-2-Carboxylic Acid	3
4	FLY VIII (Benzyl (2S, 3aS, 7aS) Octahydroindole-2- carboxylate, Tosylate salt)	3
5	SAF III Difluoral 4-(2,4 Difluorophenyl)-Phenol	1
6	MES-II(2-S-Thiuronium ethane sulphonate)	2
7	QN-II(1,2,3,4-Tetrahydro isoquinoline-2-Benzyl Carboxylate PTSA Salt)	2
8	FL-II HCL(1-[2-Amino-1(4- Methoxyphenyl) Ethyl] Cyclohexanol Hydrochloride	20
9	NCS-IV (11-Piperazin-1-ylidibenzo[b,f][1,4]thiazepine dihydrochloride monohydrate)	5

10	Quetiapine fumarate (Bis[2-[2-[4-(dibenzo [b,f][1,4]thiazepin-1-yl)piperazin-1-yl]ethoxy)ethanol](2E)-but-2-enedioate).	2
11	MAP Sulphate	2
12	PEP (Phenylephrine hydrochloride)	4
13	3 FDP-III (2-Amino-3-chloropropionic acid methyl ester)	5
14	BC-III (Benzyl (Cis, Endo) - Octahydro Cyclo Penta [B] Pyrrole 2 (S) - Carboxylate Hydrochloride)	7
15	VP-004 (Tert-butyl 4-(6-nitropyridin-3-yl)piperazine-1-carboxylate)	0.2
16	VP-03 (4-Chloro-3-nitro phenol)	0.2
17	VP-013 (Tetrahydropyran-4-one)	0.2
18	VP-008 Stage-III/DIHC	0.2
19	VP-008 (1-[[2-(4-Chlorophenyl)-4,4-dimethylcyclohexen-1-yl]-methyl]-piperazine)	0.2
20	VP-002 (3-nitro-4-[(tetrahydro2H-pyran-4-ylmethyl)amino] benzenesulfonamide)	0.2
21	PR-2017-020(4-Amino-2-fluoro-N-methylbenzamide)	0.2
22	ZEN-I (1-(2-methoxyphenoxy)-2,3 epoxy propane)	2
23	ZEN-III [(2,6-Dimethyl phenyl) amino carbonyl methyl] piperazine	2
24	Ranolazine	2
25	PR-184 (MDC) (2,3,4,6-Tetrakis-O-trimethylsilyl-D-glucono-1,5 lactone)	1
26	PR-184 (THF) (2,3,4,6-Tetrakis-O-trimethylsilyl-D-glucono-1,5-actone)	1
27	PR-88 (2,3,4,6-Tetra-O-Benzyl-D-Galactopyranose)	2
28	PR-178-V ((S,S)-2,8-Diazabicyclo [4 3 0] nonane)	5
29	PR-203 (2-(5-Bromo-2-Methylbenzyl)5(4-Fluorophenyl)Thiophene)	1
30	PR-231 (2-(4-Fluorophenyl)-5(5-Iodo-2-Methylbenzyl) Thiophene)	1
31	PR-408 (2,2'-anhydro-LThymidine)	4
32	PR-151 (3-aminomethyl-4,8-dimethylpyridine-2-(1H)-one HCL)	1
33	PR-140 (Methyl 3-Amino-5-bromo-2-Methylbenzoate)	1
34	VP-011 (1-cysteine.S-phenyl-N-[(Phenylmethoxy)carbonyl]-methyl ester)	1
35	PR-209 (2-[2-[3(S)-3-[2-(7-chloro-2-quinolinyl)ethenyl]phenyl]-3-hydroxypropyl]phenyl]-2-propanol)	10
36	PR-148 V (-fluoro-2-methoxy-5-nitroaniline)	1
37	VP-024 II (1-[[2-fluoro-6-(trifluoromethyl)phenyl]methyl]-5-iodo-6-methylpyrimidine-2,4-dione)	2
38	PR-219 (1-(6-chloropyrimidin-4-yl)-3-(2,6-dichloro-3,5-dimethoxy phenyl)-1-methylurea)	1
39	Montelukast	5
40	BA-II(5-methyl-N-[4-(trifluoromethyl phenyl)]isoxazole-4-carboamide)	2



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41	VP-019 : N- (Benzyloxycarbonyl)-L-Proline	1
42	VP-020(3-Chloropyrazine-2-yl) methanamine hydrochloride	1
43	VP-023 Benzyl (2S)-2-(8- amino-1-bromoimidazo[1,5-a] pyrazin-3-yl)pyrrolidine-1- carboxylate	1
44	PR-419 5-Bromo-1-[2-fluoro-6- (trifluoromethyl)benzyl]-6- methylpyrimidine-2,4(1H,3H)- dion	2
45	VP-016 5-[(4-Ethylpiperazine-1-yl) methyl]pyridine-2-amine	1
46	PR-197 Ethyl 2-chloro - 2- (2- (4-methoxyphenyl) hydrazono)acetate	2
47	PR-204 3-morpholino-1-(4- nitrophenyl)-5,6- dihydropyridine-2(1H)-one	2
48	PR-301 1-(4-aminophenyl)-3- morpholino-5,6-dihydropyridin-2(1H)	2
49	PR-402 5,6-Dihydro-3-(4- morpholinyl)-1-(4-(2-oxo-1- piperidinyl) phenyl)-2(1H)- pyridinone	2
50	EN-II (Enzalutamide intermediate) 2-[(3-fluoro(4(methylcarbamoyl)phenyl)amin o)-2-methyl propanoic acid	1
51	(ENZ-IV) Methyl[4-cyano-3- (trifluoromethyl)phenyl] carbamodithioate	1
52	RIV-3 (S)-4-(4-(5- (Aminomethyl) -2- Oxooxazolidin-3- Yl) Phenyl) Morpholin-3-One	2
53	NIL-II Methyl 4-methyl-3- ((4- (pyridin-3-yl)pyrimidin-2-yl) amino)benzoate	1
54	sole6 (5-Fluoro-2-methyl-1hinden-3-yl) acetic acid	2
55	TFPAA (2, 4, 5-Trifluorophenylacetic Acid.)	10
56	PR-2017-021 (1-Methylindole)	2
57	PR-415 (S-amine)	2
58	VP-025 3-Bromo-1,3,4,5- tetrahydro-2H-1-benzazepine-2- one	2
59	R&D Products and New Development Products/ Pilot Plant Products	0.05
Total		143.5

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

- 3.1 The quantity of total water consumption shall not exceed 10366 KLD (Fresh 463 + Recycle 9913) as per below break up as mentioned in form D submitted for consent application under Water (Prevention and Control of Pollution) Act-1974
- Industrial: 10316 KLD
 - Domestic: 25 KLD
 - Gardening: 25 KLD
- 3.2 Generation of the industrial effluent from the manufacturing process and other ancillary industrial operations shall not exceed 9913 KLD.
- 3.3 Generated effluent shall be recycled back to the process after treatment in ETP, RO, MEE, and ATFD. Hence, there shall be Zero liquid discharge condition.

Outward No. 620

3.4 The quantity of sewage effluent from the industry shall not exceed 25 KLD.

3.5 Generated 25 KLD of Domestic wastewater shall be treated in STP and reuse for gardening purpose after achieving following norms:

Parameters	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:

Sr. No.	Fuel	Quantity
1	Natural Gas	32269 SCM/Day
2	Diesel	25680 Lit/Day
3	Steam from M/s. Nascent Chemicals Industries Ltd.	144 MT/Day

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

Sr. No	Stack attached to	Stack Height in meter	APCM	Parameter	Permissible Limit
1	Boiler (12 TPH) (Stand By)	30	Adequate stack height with Low NOx Boiler	PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2	Thermo pack (2 Lac kcal/hr)	30	Adequate stack height		
3	Thermo pack (2 Lac kcal/hr)	30			
4	D.G. Set (625 KVA)	11	Adequate stack height & Acoustic		
5	D.G. Set (320 KVA)	11			
6	D.G. Set (610 KVA)	11			
7	D.G. Set (1000 KVA)	11			
8	D.G. Set (1000 KVA)	11			

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



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Stack No.	Stack attached to	Stack height (In meter)	APCM	Parameter	Permissible Limit
1	Stack attached to Block - I reactor scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCl	20 mg/Nm ³
2	Stack attached to Block - II reactor scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCl	20 mg/Nm ³
3	Stack attached to Block - III reactor scrubber	5 m	Three stage Water Scrubber + two stage Alkali Scrubber	SO ₂ HCl HBr NO _x	40 mg/Nm ³ 20 mg/Nm ³ 09 mg/Nm ³ 50 ppm
4	Stack attached to Block - IV reactor scrubber	5 m	Three stage Water Scrubber + two stage Alkali Scrubber	SO ₂ HCl	40 mg/Nm ³ 20 mg/Nm ³
5	Stack attached to Block - V reactor scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCl NO _x	20 mg/Nm ³ 50 ppm
6	Stack attached to Block - VI reactor scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCl NO _x	20 mg/Nm ³ 50 ppm
7	Stack attached to Pilot Plant Scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCl	20 mg/Nm ³
8	Stack attached to Block - II reactor scrubber	5 m	Methanol scrubber followed by acid scrubber	NH ₃	40 mg/Nm ³
9	Stack attached to Block - V reactor scrubber	5 m	Water Scrubber followed by Acid Scrubber	NH ₃	40 mg/Nm ³
10	Stack attached to Block - I reactor scrubber	5 m	Water Scrubber followed by Acid Scrubber	NH ₃	40 mg/Nm ³
11	Stack attached to Phosphoric acid plant	5 m	Water Scrubber + Alkali Scrubber	HCl	20 mg/Nm ³
12	Stack attached to Block - II reactor scrubber	5 m	Two Water Scrubber + Alkali Scrubber	SO ₂ HCl HBr NO _x	40 mg/Nm ³ 20 mg/Nm ³ 09 mg/Nm ³ 50 ppm

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

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in $\mu\text{g}/\text{NM}^3$
1.	Sulphur Dioxide (SO_2)	Annual 24 Hours	50 80
2	Nitrogen Dioxide (NO_2)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than $10 \mu\text{m}$) OR PM_{10}	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than $2.5 \mu\text{m}$) OR $\text{PM}_{2.5}$	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m^3	8 Hours 1 Hour	02 04

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

5 GENERAL CONDITIONS:

- 5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board
- 5.2 Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
6. **Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 5(2))**
- 6.1 Number of authorization: **AWH-117627, Date of issue: 21/03/2022 and AWH-117628, Date of issue: 21/03/2022.**
- 6.2 Reference of application **209078 dated 05/01/2022 & inward no: 199010 dated: 30/08/2021.**
- 6.3 **M/S. AARTI INDUSTRIES LTD (CUSTOM DIV.), is hereby granted an authorization based on their closed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at PLOT NO: 22/C-1, PHASE- I, GIDC ESTATE, VAPI-396195, TAL: PARDI, DIST: VALSAD.**



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Details of authorization:

Sr. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Total Qty (TPA)	Authorized mode of disposal or recycling or utilization or co-processing, etc.	
1.	ETP waste	35.3	2000	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.
2.	MEE Salt	37.3	5300	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.
3.	Spent Carbon	28.3	300	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites or by sending to Authorized CHWIF sites or by co-processing at cement industries by use of GPS mounted vehicles and XGN manifest system.
4.	Distillation residue	28.1	1043.76	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.
5.	Spent Solvent	28.6	5682.72	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
6.	Discarded containers/ bags	33.1	290	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
7.	Used oil	5.1	82	Collection, Storage, Decontamination Transportation, Disposal by selling to registered re-processor by use of GPS mounted vehicles and XGN manifest system.
8.	Spent catalyst	28.2	68.64	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.

9	Phosphoric Acid	B 15	3150	Collection, Storage Transportation, Disposal by sending to authorized end users having valid permission under Rule 9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system
10.	HCl (30%)	B 15	2183	Collection, Storage, Treatment in in-house ETP, MEE, RO.
11.	Potassium Bromide	B 15	621	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
12.	Sodium Bromide	B 15	1086	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
13.	Hydrogen Bromide	B 15	857	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system
14.	Maleic Acid	B 15	810	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
15.	Off specification products	28.3	200	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.
16.	Date Expired Products	28.5	1	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system
17.	Spent Hydrochloric Acid -25 %	B 2	25200	Collection, Storage, Treatment in in-house ETP, MEE, RO
18.	Na ₂ SO ₄ Scrub Solution - 5%	B 15	1165	Collection, Storage, Treatment in in-house ETP, MEE, RO.
19.	Acetic Acid 60-65%	B 15	1383	Collection, Storage and in-house recovery.



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20	Ammonical Methanol	B 15	85	Collection, Storage, and reuse back in manufacturing process
21.	Liq Ammonia	B 15	560	Collection, Storage, and reuse back in manufacturing process
22.	E-Waste & Electrical Waste	--	50	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
23.	Insulation/ Thermocol Waste	--	50	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.
24	Glass Waste	-	20	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system
25	PPE's Waste & Non Recyclable Plastic Waste	-	20	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system
26.	Batteries Waste	-	200 Nos./Year	Collection, Storage, Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
27.	Bio Medical Waste	-	1	Collection, Storage, Transportation, Disposal by sending to authorized CBMWIF sites for Incineration by use of GPS mounted vehicles and XGN manifest system
28	RO Membrane	--	20	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system

6.4 The authorization shall be valid for a period of 31/12/2026.

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

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

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

2. The authorization 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 person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
5. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
6. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
7. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
8. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and 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 treated and disposed of as per specific conditions of authorization.
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 filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions:

1. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization
2. Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to GPCB.
4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB from time to time.
5. Unit shall comply provisions of E-Waste Management Rules-2016

For and on behalf of
Gujarat Pollution Control Board


(M. V. Patel)
Environment Engineer

NO: GPCB/CCA-VSD-1110(5)MD: 22806/

Date:

Issued to:

M/S. AARTI INDUSTRIES LTD (CUSTOM DIV.),
PLOT NO: 22/C-1, PHASE- I,
GIDC ESTATE, VAPI-396195,
TAL: PARDI, DIST: VALSAD

Outward No: 660067, 22/04/2022

Annexure-II

Online Monitoring

System



Aarti Pharmedia Limited (Custom Synthesis Division)

Valad, Gujarat DRUGS AND PHARMACEUTICALS Refresh

Data Last Received On 23, May, 2023	Configuration Updated On	Calibration at	CEMS 0	FOMS 1	AACMS 0	Total Stations 1
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Live Readings

Emission Effluent Ambient

Help

RO_Permeate

0.0 m3/hr

RO_Permeate - Flow
15 Mins Avg: 0.00 m3/hr
Limit: m3/hr Range: 0 - 20
Last Received: 2 minutes ago

DASHBOARD

Company Name : Aarti Industries Limited (Custom Synthesis Division) **Category :** Pharma

Location : Plot No. : C/22/1, Phase-1, GIDC, Vapi-396195 **Ganga Basin :-**

Latitude : 20.3538095 **Longitude :** 72.9152107

Person Name : Mr. DINIL UD **Contact No :** 9727700671

Email Id : dinil.ud@aarti-industries.com

Camera

CEMS

EQMS

**Station Name :** ETP_Outlet

🔔 0 📧 0 🔄 0

Record Date	Parameter Name	Unit	Value	Low	High	Status
23-05-2023 17:12	flow	m ³ /hr	0.00	-	-	Normal

Annexure-III
Ambient Air
Monitoring Report



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

ENPRO
Environment,
Energy, Water
Project Consultant

Test Report

Format No : QR/7.8/02	Test Report No : TC588522000007463F	Issue Date : 31-10-2022
ULR No : TC588522000007463F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghiasiya	Packing / Seal : Sealed
Date of Sampling : 20-10-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 21-10-2022	Date of Completion : 22-10-2022
Date of Starting of Test : 21-10-2022	Sample ID : 1022/AA07463
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 33 Min. : 24

DETAILS OF INSTRUMENT USED FOR MONITORING				
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/R)	EP/HOJ/HC-115/R	201002138	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/S)	EP/HOJ/HC-116/S	200903152	03-05-2022	02-05-2023

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	85.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	45.5	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	32.2	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	39.2	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

10038

*** End of Report ***

RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY

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*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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ETL222302



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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

ENPRO
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Test Report

Format No : QR/7.8/02	Test Report No : TC588522000007464F	Issue Date : 31-10-2022
ULR No : TC588522000007464F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 20-10-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 21-10-2022	Date of Completion : 22-10-2022
Date of Starting of Test : 21-10-2022	Sample ID : 1022/AA07464
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
NE-->SW	Sunny	Max. : 33	Min. : 24

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	78.3	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	35.0	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	19.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	26.4	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

10039

*** End of Report ***

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

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Project Consultant

Test Report

Format No : QR/7.8/02	Test Report No : TC588522000008365F	Issue Date : 06-12-2022
ULR No : TC588522000008365F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 26-11-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 28-11-2022	Date of Completion : 29-11-2022
Date of Starting of Test : 28-11-2022	Sample ID : 1122/AA08365
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
NE-->SW	Sunny	Max. : 33	Min. : 17

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/R)	EP/HOJ/HC-115/R	201002138	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/S)	EP/HOJ/HC-116/S	200903152	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	77.4	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	36.7	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	20.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	27.2	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

10921

*** End of Report ***

Page 1 of 1

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY

*QC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR

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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

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Test Report

Format No : QR/7.8/02	Test Report No : TC588522000008366F	Issue Date : 06-12-2022
ULR No : TC588522000008366F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 26-11-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 28-11-2022	Date of Completion : 29-11-2022
Date of Starting of Test : 28-11-2022	Sample ID : 1122/AA08366
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
NE-->SW	Sunny	Max. : 33	Min. : 17

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	72.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	28.8	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	13.7	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	20.1	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

10922

*** End of Report ***

Page 1 of 1

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY

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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojliwala Industrial Estate,
Suchin Palsana Road, Suchin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC58852200009018F	Issue Date : 24-12-2022
ULR No : TC58852200009018F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Nr. DG Set Area	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 17-12-2022	Date of Completion : 19-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/AA09018
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 33 Min. : 19

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/R)	EP/HOJ/HC-115/R	201002138	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/S)	EP/HOJ/HC-116/S	200903152	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	91.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	49.7	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	32.2	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	39.5	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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

Sweetie Patel
CHECKED BY

Sweetie Patel (Dy. TM)

C. R. Desai
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.

555

*** End of Report ***

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

Test Report

TC - 5885

Format No : QR/7.8/02	Test Report No : TC58852200009019F	Issue Date : 24-12-2022
ULR No : TC58852200009019F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Nr. ETP	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 17-12-2022	Date of Completion : 19-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/AA09019
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 33 Min. : 19

DETAILS OF INSTRUMENT USED FOR MONITORING				
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	84.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	44.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	30.4	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	38.8	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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

Sweety Patel
CHECKED BY
Sweety Patel (Dy.TM)

C. R. Desai
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.

556

*** End of Report ***

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR
*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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ETL222303



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,

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

Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

ENPRO
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Project Consultant

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000000489F	Issue Date : 30-01-2023
ULR No : TC588523000000489F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 18-01-2023

Packing / Seal : Sealed

Sample Received Date : 19-01-2023

Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 19-01-2023

Date of Completion : 20-01-2023

Sampling Method : W/AA/A

Sample ID : 0123/AA00489

Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE->SW	Sunny	Max. : 30 Min. : 17

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/B)	EP/HOJ/HC-115/B	150802D032	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/C)	EP/HOJ/HC-116/C	150403D037	30-04-2022	29-04-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	88.2	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	46.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	29.5	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	36.0	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

3146 Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

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*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II AUDITOR

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Page 1 of 1



ENPRO Enviro Tech and Engineers Pvt. Ltd.



Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,

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

Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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Test Report

TC - 5885

Format No : QR/7.8/02	Test Report No : TC588523000000490F	Issue Date : 30-01-2023
ULR No : TC588523000000490F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 19-01-2023	Date of Completion : 20-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/AA00490
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 30 Min. : 17

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/C)	EP/HOJ/HC-115/C	150802D033	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/D)	EP/HOJ/HC-116/D	150403D038	30-04-2022	29-04-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	80.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	41.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	17.9	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	24.1	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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.

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*** End of Report ***

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ETL222303

•RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC •NABL ACCREDITED CALIBRATION LABORATORY
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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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



TC - 5885

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Test Report

Format No : QR/7.8/02	Test Report No : TC58852300001424F	Issue Date : 25-02-2023
ULR No : TC58852300001424F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 17-02-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 18-02-2023	Date of Completion : 21-02-2023
Date of Starting of Test : 18-02-2023	Sample ID : 0223/AA01424
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 31 Min. : 19

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/B)	EP/HOJ/HC-115/B	150802D032	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/C)	EP/HOJ/HC-116/C	150403D037	30-04-2022	29-04-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	85.9	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	43.4	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	25.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	32.6	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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

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917

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ETL222304



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Environmental Testing Laboratory

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



TC - 5885

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Test Report

Format No : QR/7.8/02	Test Report No : TC58852300001425F	Issue Date : 25-02-2023
ULR No : TC58852300001425F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 17-02-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 18-02-2023	Date of Completion : 21-02-2023
Date of Starting of Test : 18-02-2023	Sample ID : 0223/AA01425
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 31 Min. : 19

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/C)	EP/HOJ/HC-115/C	150802D033	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/D)	EP/HOJ/HC-116/D	150403D038	30-04-2022	29-04-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	76.5	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	35.9	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	20.0	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	28.5	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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 ***

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Test Report



TC - 5885

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Format No : QR/7.8/02	Test Report No : TC588523000002535F	Issue Date : 31-03-2023
ULR No : TC588523000002535F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023

Packing / Seal : Sealed

Sample Received Date : 24-03-2023

Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 24-03-2023

Date of Completion : 25-03-2023

Sampling Method : W/AA/A

Sample ID : 0323/AA02535

Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 35 Min. : 23

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/N)	EP/HOJ/HC-115/N	190202U002	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/O)	EP/HOJ/HC-116/O	190303U030	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	93.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	51.4	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	23.0	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	30.2	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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

Sweetie Patel
CHECKED BY
Sweetie Patel (Dy.TM)

Chintan Desai
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

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Environmental Testing Laboratory

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

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

Test Report



TC - 5885

Format No : QR/7.8/02	Test Report No : TC588523000002536F	Issue Date : 31-03-2023
ULR No : TC588523000002536F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP Outlet Tank ST-01

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023

Packing / Seal : Sealed

Sample Received Date : 24-03-2023

Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 24-03-2023

Date of Completion : 25-03-2023

Sampling Method : WI/AA/A

Sample ID : Q323/AA02536

Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
NE-->SW	Sunny	Max. : 35 Min. : 23

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/O)	EP/HOJ/HC-115/O	161002049	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/P)	EP/HOJ/HC-116/P	150403D003	03-05-2022	02-05-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	85.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	44.9	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	15.3	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	22.7	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m ³	BDL	2.0	IS 5182 (Part-10):1999

Note : BDL :- Below Detectable Limit (CO<0.2 mg/m³)

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

CHECKED BY

Sweetly 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

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ETL222304

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Annexure-IV

Third Party

Monitoring Of The

Functioning Of The

EMS Along With Its

Efficiency

TEST REPORT
AMBIENT AIR ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000573F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/700
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022 to 16/09/2022	Sample Lab ID : AA-22-143	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 09:25 Onwards	Date of Starting of Test : 17/09/2022	
Sampling Method : IS:5182	Date of Completion of Test : 19/09/2022	
Duration of Sampling (Hrs) : 24 Hours	Test Method/Parameter : As Per Result Table	
Sample Received Date & Time : 17/09/2022 & 09:30	Description of Location : Near Electric Panel Room	
Temperature (°C) : 28	Category of Area / Zone : Industrial	
Humidity (%) : 69		
Wind Speed (Km/Hr) : 16.2	Quantity/ No. of Sample :	01 no. of PM ₁₀ filter paper, 01 no. of PM _{2.5} filter paper & 02 bottles of gaseous samples of SO ₂ & NO _x

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Respirable Particulate Matter (PM ₁₀)	µg/m ³	66.46	100.00	IS:5182 (Part-23), 2006 (Reaffirmed 2017)
2	Fine Particulate Matter (PM _{2.5})	µg/m ³	45.74	60.00	IS:5182 (Part-24), 2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	18.70	80.00	IS:5182 (Part-2), 2001 (Reaffirmed 2017)
4	Nitrogen Oxides (NO _x)	µg/m ³	19.15	80.00	IS:5182 (Part-6), 2006 (Reaffirmed 2017)

NOTE: - This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT
AMBIENT AIR ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS: M/s. Aarti Industries Ltd. (Custom Div) Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195, Tal: Pardi, Dist: Valsad.	ULR No. : TC86262200000574F Test Report No. : ECS/2022/701 Issue Date : 24/09/2022 Report Page : 1 of 1
--	--

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022 to 16/09/2022	Sample Lab ID : AA-22-144	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 09:30 Onwards	Date of Starting of Test : 17/09/2022	
Sampling Method : IS:5182	Date of Completion of Test : 19/09/2022	
Duration of Sampling (Hrs) : 24 Hours	Test Method/Parameter : As Per Result Table	
Sample Received Date & Time : 17/09/2022 & 09:30	Description of Location : Near MEE Plant	
Temperature (°C) : 28	Category of Area / Zone : Industrial	
Humidity (%) : 69		
Wind Speed (Km/Hr) : 16.2	Quantity/ No. of Sample :	01 no. of PM ₁₀ filter paper, 01 no. of PM _{2.5} filter paper & 02 bottles of gaseous samples of SO ₂ & NO _x

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.05	100.00	IS:5182 (Part-23), 2006 (Reaffirmed 2017)
2	Fine Particulate Matter (PM _{2.5})	µg/m ³	41.49	60.00	IS:5182 (Part-24), 2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	14.52	80.00	IS:5182 (Part-2), 2001 (Reaffirmed 2017)
4	Nitrogen Oxides (NO _x)	µg/m ³	9.93	80.00	IS:5182 (Part-6), 2006 (Reaffirmed 2017)

NOTE: - This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC86262200000575F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/702
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195.	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-231	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 09:55 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 40 Minutes	Date of Completion of Test : 19/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Stack attached to D.G. Set (625 KVA)	Quantity/ No. of Sample : 1 no. of thimble, 1 bottle of gaseous sample & 1 Flask.	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Adequate Stack Height
2	Stack Height (Mtr) and Diameter (Mtr)	11 and 0.25
3	Temperature of Flue Gas (°C)	122
4	Velocity of flue gas (m/s)	8.03
5	Type of Fuel Used	Diesel

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particular Matter (PM)	mg/Nm ³	24.45	150.00	IS 11255 (Part-1)1985 (Reaffirmed 2014)
2	Sulphur Dioxide (SO ₂)	ppm	8.25	100.00	IS 11255 (Part-2)1985 (Reaffirmed 2014)
3	Nitrogen Oxides (NO _x)	ppm	15.70	50.00	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES



.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/703
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-232	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 13:10 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-II Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	10.78	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

**M. G. SHAIKH**
(AUTHORIZED SIGNATORY)

.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000576F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/704
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-233	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 13:40 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-III Reactor Scrubber	Quantity/ No. of Sample : 2 bottle of gaseous samples	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	-
5	Type of Fuel Used	-

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	9.66	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)
2	Nitrogen Oxides (NO _x)	ppm	6.43	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/704a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-233	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 13:40 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-III Reactor Scrubber	Quantity/ No. of Sample : 2 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	3 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	5.18	20	Titrimetric Method
2	HBr	mg/Nm ³	BDL (DL:0.5)	09	Colorimetric Method

Remarks : *BDL= Below Detection Limit, **DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000577F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/705
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-234	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 14:15 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-IV Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	12.99	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES



.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/705a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-234	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 14:15 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-IV Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	5.22	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000578F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/706
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-235	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 14:50 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-V Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	34
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Nitrogen Oxides (NO _x)	ppm	6.81	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES



.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/706a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-235	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 14:50 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-V Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	34
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	10.76	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

M. G. SHAIKH
(AUTHORIZED SIGNATORY)

.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000579F
M/s. Aarti Industries Ltd, (Custom Div)	Test Report No. : ECS/2022/707
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-236	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 15:20 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-VI Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Nitrogen Oxides (NO _x)	ppm	5.91	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/707a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-236	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 15:20 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-VI Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	5.22	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/708
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad,	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-237	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 15:50 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Pila Plant Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	10.77	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

**TEST REPORT
STACK ANALYSIS REPORT**

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/709
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-238	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 16:15 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-V Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Water Scrubber followed by Acid Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	NH3 (Ammonia)	mg/Nm ³	BDL (DL: < 2)	40	IS: 11255 (Part-5) - 1999

Remarks : *BDL= Below Detection Limit, **DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES



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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/710
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-239	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 16:45 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-I Reactor Scrubber	Quantity/ No. of Sample : 1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Water Scrubber + Acid Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	NH3 (Ammonia)	mg/Nm ³	BDL (DL:< 2)	40	IS: 11255 (Part-5) - 1999

Remarks : *BDL- Below Detection Limit, **DL- Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES



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.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/711
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-240	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 17:20 Onwards	Date of Starting of Test : 20/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing	Quantity/ No. of Sample : 1 bottle of gaseous sample	
Description of Sampling : Vent of Stack attached to Phosphoric Acid Plant		

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	5.22	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


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(AUTHORIZED SIGNATORY)

.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC86262200000580F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/712
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-241	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 17:50 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing	Quantity/ No. of Sample : 2 bottle of gaseous samples	
Description of Sampling : Vent of Stack attached to Block-II Reactor Scrubber		

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO:	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Sulphur Dioxide (SO ₂)	mg/Nm ³	13.29	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)
2	Nitrogen Oxides (NO _x)	ppm	7.30	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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TC-8626

.....END OF TEST REPORT.....

TEST REPORT
STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/712a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : ST-22-241	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 17:50 Onwards	Date of Starting of Test : 17/09/2022	
Duration of Sampling : 15 Minutes	Date of Completion of Test : 20/09/2022	
Sample Received Date & Time : 17/09/2022 & 09:30	Test Method/Parameter : As Per Result Table	
Packing/ Sealed : Packing		
Description of Sampling : Vent of Stack attached to Block-II Reactor Scrubber	Quantity/ No. of Sample : 2 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:		
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	--
5	Type of Fuel Used	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm ³	5.34	20	Titrimetric Method
2	HBr	mg/Nm ³	BDL (DL:0.5)	09	Colorimetric Method

Remarks : *BDL= Below Detection Limit, **DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


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.....END OF TEST REPORT.....

TEST REPORT
WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000581F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/713
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	: WA-22-177		
Sampling By	: ECS Team	Protocol (Purpose)	: Routine Monitoring		
Sample Received Date	: 17/09/2022	Date of Starting of Test	: 17/09/2022		
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	: 23/09/2022		
Packing/Sealed	: Sealed	Test Method/ Parameter	: As Per Result Table		
Description of Sample	: Waste Water - Concentrated Steam				

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	pH	pH Unit	8.43	IS:3025 (Part - 11):1983 (Reaffirmed 2017)
2	Temperature	°C	29	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017
3	Color	Pl.co.sc	200	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017
4	Total Suspended Solids	mg/L	221.20	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017
5	Oil & Grease	mg/L	8.25	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method : 2017
6	Phenolic Compound	mg/L	2.03	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017
7	Sulphide	mg/l	3.02	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017
8	Ammonical Nitrogen	mg/L	386.40	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4-114,115,116) Titrimetric Method: 2017
9	Hexavalent Chromium	mg/L	0.12	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-711) Colorimetric Method: 2017
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	14000.20	IS:3025 (P-44)1993 (3 days at 27°C): 2014
11	Chemical Oxygen Demand	mg/L	78000.00	APHA (23rd Ed.) 5220-B Standard Method (3-18) Open Kefflux Method: 2017
12	Chloride	mg/L	19325.92	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric Method: 2017
13	Sulphate	mg/L	7482.60	APHA (23rd Ed.) 4500 SO4-E Standard Method (4-199) Turbidimetric Method: 2017

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ECS

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000581F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/713
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	: WA-22-177	
Sampling By	: ECS Team	Protocol (Purpose)	: Routine Monitoring	
Sample Received Date	: 17/09/2022	Date of Starting of Test	: 17/09/2022	
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	: 23/09/2022	
Packing/Sealed	: Sealed	Test Method/ Parameter	: As Per Result Table	
Description of Sample	: Waste Water - Concentrated Steam			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/L	70890.60	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT
WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000582F
M/s: Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/714
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	:	WA-22-178	
Sampling By	: ECS Team	Protocol (Purpose)	:	Routine Monitoring	
Sample Received Date	: 17/09/2022	Date of Starting of Test	:	17/09/2022	
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	:	23/09/2022	
Packing/Sealed	: Sealed	Test Method/ Parameter	:	As Per Result Table	
Description of Sample	: Waste Water - Dilute Steam				

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	pH	pH Unit	5.83	IS:3025 (Part - 11):1983 (Reaffirmed 2017)
2	Temperature	°C	28	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017
3	Color	Pt.co.sc	10	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017
4	Total Suspended Solids	mg/L	25.20	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017
5	Oil & Grease	mg/L	3.55	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method : 2017
6	Phenolic Compound	mg/L	1.06	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017
7	Sulphide	mg/L	BDL (DL:0.04)	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017
8	Ammonical Nitrogen	mg/L	151.20	APHA(23rd Ed.) 4500NH ₃ -B & C Standard Method(4-114,115,116) Titrimetric Method: 2017
9	Hexavalent Chromium	mg/L	0.05	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method: 2017
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	1850.20	IS:3025 (P-44)1993 (3 days at 27°C): 2014
11	Chemical Oxygen Demand	mg/L	7800.00	APHA (23rd Ed.) 5220-B Standard Method (3-18) Open Reflux Method: 2017
12	Chloride	mg/L	1015.43	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric Method: 2017
13	Sulphate	mg/L	282.68	APHA (23rd Ed.) 4500 SO ₄ -E Standard Method (4-199) Turbidimetric Method: 2017

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ECS

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000582F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/714
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	: WA-22-178	
Sampling By	: ECS Team	Protocol (Purpose)	: Routine Monitoring	
Sample Received Date	: 17/09/2022	Date of Starting of Test	: 17/09/2022	
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	: 23/09/2022	
Packing/Sealed	: Sealed	Test Method/Parameter	: As Per Result Table	
Description of Sample	: Waste Water - Dilute Steam			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/L	2316.20	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

Remarks : *BDL=Below Detection Limit, **DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST RPORT
WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000583F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/715
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	:	WA-22-179
Sampling By	: ECS Team	Protocol (Purpose)	:	Routine Monitoring
Sample Received Date	: 17/09/2022	Date of Starting of Test	:	17/09/2022
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	:	23/09/2022
Packing/Sealed	: Sealed	Test Method/ Parameter	:	As Per Result Table
Description of Sample	: Waste Water - After Aeration feed to MEE			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	pH	pH Unit	7.13	IS:3025 (Part - 11):1983 (Reaffirmed 2017)
2	Temperature	°C	28	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017.
3	Color	Pt.co.sc	10	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017
4	Total Suspended Solids	mg/L	84.40	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017
5	Oil & Grease	mg/L	2.80	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method : 2017
6	Phenolic Compound	mg/L	0.68	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017
7	Sulphide	mg/l.	1.16	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017
8	Ammonical Nitrogen	mg/L	96.88	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4-114,115,116) Titrimetric Method: 2017
9	Hexavalent Chromium	mg/L	0.09	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method: 2017
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	316.87	IS:3025 (P-44)1993 (3 days at 27°C): 2014
11	Chemical Oxygen Demand	mg/L	1360.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Open Reflux Method: 2017
12	Chloride	mg/L	2292.91	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric Method: 2017
13	Sulphate	mg/L	231.13	APHA (23rd Ed.) 4500 SO4-E Standard Method (4-199) Turbidimetric Method: 2017.

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ECS

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000583F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/715
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	:	WA-22-179
Sampling By	: ECS Team	Protocol (Purpose)	:	Routine Monitoring
Sample Received Date	: 17/09/2022	Date of Starting of Test	:	17/09/2022
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	:	23/09/2022
Packing/Sealed	: Sealed	Test Method/ Parameter	:	As Per Result Table
Description of Sample	: Waste Water - After Aeration feed to MEE			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/L	5179.20	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M.G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000584F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/716
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	: WA-22-180		
Sampling By	: ECS Team	Protocol (Purpose)	: Routine Monitoring		
Sample Received Date	: 17/09/2022	Date of Starting of Test	: 17/09/2022		
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	: 23/09/2022		
Packing/Sealed	: Sealed	Test Method/ Parameter	: As Per Result Table		
Description of Sample	: Waste Water - R.O Permeate Re-use				

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	pH	pH Unit	7.02	IS:3025 (Part - 11):1983 (Reaffirmed 2017)
2	Temperature	°C	27	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017
3	Color	Pt.co.sc	< 2	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method; 2017
4	Total Suspended Solids	mg/L	BDL (DL:0.2)	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017
5	Oil & Grease	mg/L	BDL (DL:0.1)	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method : 2017
6	Phenolic Compound	mg/L	0.04	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017
7	Sulphide	mg/L	BDL (DL:0.04)	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017
8	Ammonical Nitrogen	mg/L	7.84	APHA(23rd Ed.) 4500NH ₃ -B & C Standard Method(4-114,115,116) Titrimetric Method: 2017
9	Hexavalent Chromium	mg/L	BDL (DL:0.0015)	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method: 2017
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	< 5.00	IS:3025 (P-44)1993 (3 days at 27°C): 2014
11	Chemical Oxygen Demand	mg/L	30.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Open Reflux Method: 2017
12	Chloride	mg/L	48.67	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric Method: 2017
13	Sulphate	mg/L	24.61	APHA (23rd Ed.) 4500 SO ₄ -E Standard Method (4-199) Turbidimetric Method: 2017

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000584F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/716
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT	
Date of Sampling	: 15/09/2022	Sample Lab ID	: WA-22-180	
Sampling By	: ECS Team	Protocol (Purpose)	: Routine Monitoring	
Sample Received Date	: 17/09/2022	Date of Starting of Test	: 17/09/2022	
Quantity/No. of Sample	: 1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	: 23/09/2022	
Packing/Sealed	: Sealed	Test Method/ Parameter	: As Per Result Table	
Description of Sample	: Waste Water - R.O Permeate Re-use			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/l.	216.40	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

Remarks : *BDL= Below Detection Limit, **DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)
* SURAT *



.....END OF TEST REPORT.....

TEST REPORT
NOISE MONITORING REPORT

CUSTOMER'S NAME & ADDRESS:	ULR No. : TC862622000000585F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/717
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Monitoring	: 15/09/2022	Sample Lab ID	: NO-22-61	
Monitoring By	: ECS Team	Protocol (Purpose)	: Routine Monitoring	
Monitoring Time	: 11:20 to 12:55 (Day Time) & 22:10 to 23:45 (Night Time)	No. of Location(s)	: 10	
Category of Area / Zone	: Industrial	Type of Sampling	: Source	
Sampling Method	: IS/ISO 8528 (Part-10):1998	Calculation Method	: As Per CPCB Guidelines:2015	

RESULT TABLE

SR. NO	LOCATION(S)	NOISE LEVEL IN dB (A)		PERMISSIBLE LIMIT dB (A)									
		Day Time (D.T.) (06:00 Hrs to 22:00 Hrs)	Night Time (N.T.) (22:00 Hrs to 06:00 Hrs)	Industrial		Commercial		Residential		Silent			
				D.T.	N.T.	D.T.	N.T.	D.T.	N.T.	D.T.	N.T.		
		Leq	Leq										
1	Near Main Gate	68.1	66.1										
2	Near Admin Office	67.3	65.2										
3	Near Electric Panel Room	71.7	68.3										
4	Near Block 5 & 6	73.5	68.6										
5	Near M.E.E Plant	74.3	69.4	75	70	65	55	55	45	50	40		
6	Near SRP Plant	72.3	68.5										
7	Near Block 3 & 4	73.4	68.9										
8	Near Block-1	73.2	68.3										
9	Near Thermo pack	74.6	69.6										
10	Near ETP	71.5	68.2										

**NOTE:- This report is subjected to the terms & conditions mentioned overleaf.
FOR ECO-CLEAN CONSULTING SERVICES**



M. G. SHAIKH
(AUTHORIZED SIGNATORY)



.....END OF TEST REPORT.....

TEST REPORT
WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/718
Plot no:- 22/C-1, Phase-1, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 15/09/2022	Sample Lab ID : WP-22-35	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 13:00 Onwards	Date of Starting of Test : 19/09/2022	
Sampling Method : IS Methods	Date of Completion of Test : 19/09/2022	
Duration of Sampling (Hrs) : 2 Hours & 1 Minutes	Test Method/Parameter : As Per Result Table	
Sample Received Date & Time : 17/09/2022 & 09:30	Description of Location : Block-1 Ground Floor	
Temperature (°C) : 31	Category of Area / Zone : Industrial	
Humidity (%) : 67	Quantity/ No. of Sample : 01 no. of Filter Paper	
Wind Speed (Km/Hr) : 16.3		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particulate Matter (PM)	$\mu\text{g}/\text{m}^3$	27.74	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/719
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1


DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling	: 16/09/2022	Sample Lab ID : WP-22-36
Sampling By	: ECS Team	Protocol (Purpose) : Routine Monitoring
Sampling Time	: 10:00 Onwards	Date of Starting of Test : 19/09/2022
Sampling Method	: IS Methods	Date of Completion of Test : 19/09/2022
Duration of Sampling (Hrs)	: 2 Hours	Test Method/Parameter : As Per Result Table
Sample Received Date & Time	: 17/09/2022 & 09:30	Description of Location : Block-II Ground Floor
Temperature (°C)	: 29	Category of Area / Zone : Industrial
Humidity (%)	: 68	Quantity/ No. of Sample : 01 no. of Filter Paper
Wind Speed (Km/Hr)	: 16.2	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m ³	56.07	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


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.....END OF TEST REPORT.....

TEST REPORT
WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/720
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1


DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling : 16/09/2022	Sample Lab ID : WP-22-37	
Sampling By : ECS Team	Protocol (Purpose) : Routine Monitoring	
Sampling Time : 12:20 Onwards	Date of Starting of Test : 19/09/2022	
Sampling Method : IS Methods	Date of Completion of Test : 19/09/2022	
Duration of Sampling (Hrs) : 2 Hours & 2 Minutes	Test Method/Parameter : As Per Result Table	
Sample Received Date & Time : 17/09/2022 & 09:30	Description of Location : Block-IV Ground Floor	
Temperature (°C) : 30	Category of Area / Zone : Industrial	
Humidity (%) : 67	Quantity/ No. of Sample : 01 no. of Filter Paper	
Wind Speed (Km/Hr) : 16.2		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m ³	27.53	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/721
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1


DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling	: 16/09/2022	Sample Lab ID : WP-22-38
Sampling By	: ECS Team	Protocol (Purpose) : Routine Monitoring
Sampling Time	: 14:30 Onwards	Date of Starting of Test : 19/09/2022
Sampling Method	: IS Methods	Date of Completion of Test : 19/09/2022
Duration of Sampling (Hrs)	: 2 Hours & 3 Minutes	Test Method/Parameter : As Per Result Table
Sample Received Date & Time	: 17/09/2022 & 09:30	Description of Location : Block-V Ground Floor
Temperature (°C)	: 32	Category of Area / Zone : Industrial
Humidity (%)	: 67	
Wind Speed (Km/Hr)	: 16.1	Quantity/ No. of Sample : 01 no. of Filter Paper

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m ³	27.29	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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.....END OF TEST REPORT.....

TEST REPORT
WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/722
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195.	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING	ATMOSPHERIC POLLUTION
Date of Sampling	: 16/09/2022	Sample Lab ID : WP-22-39
Sampling By	: ECS Team	Protocol (Purpose) : Routine Monitoring
Sampling Time	: 16:40 Onwards	Date of Starting of Test : 19/09/2022
Sampling Method	: IS Methods	Date of Completion of Test : 19/09/2022
Duration of Sampling (Hrs)	: 2 Hours & 1 Minutes	Test Method/Parameter : As Per Result Table
Sample Received Date & Time	: 17/09/2022 & 09:30	Description of Location : Block-VI Ground Floor
Temperature (°C)	: 33	Category of Area / Zone : Industrial
Humidity (%)	: 67	Quantity/ No. of Sample : 01 no. of Filter Paper
Wind Speed (Km/Hr)	: 16.4	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m ³	55.48	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.**FORECO-CLEAN CONSULTING SERVICES****M. G. SHAIKH**
(AUTHORIZED SIGNATORY)

.....END OF TEST REPORT.....

TEST REPORT
VOC LEVEL MONITORING REPORT

CUSTOMER'S NAME AND ADDRESS:	Test Report No. : ECS/2022/723
M/s. Aarti Industries Ltd. (Custom Div)	Issue Date : 24/09/2022
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Report Page (s) : 1 of 1
Tal: Pardi, Dist: Valsad.	

DESCRIPTION OF SAMPLE:	CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Monitoring	: 16/09/2022	Sample Lab ID	:	VO-22-33
Monitoring By	: ECS Team	Protocol (Purpose)	:	Routine Monitoring
Monitoring Time	: 09:50 Onwards	No. of Stations	:	05
Duration of Sampling	: 30 Minutes each	Category of Area / Zone	:	Industrial

RESULT TABLE

SR. NO.	LOCATION	UNIT	VOC Level in Ambient Air	TEST METHOD
1	Block-I Ground Floor	ppm	7	Electronic Instrument with PID Sensor
2	Block-II Ground Floor	ppm	5	
3	Block-IV Ground Floor	ppm	10	
4	Block-V Ground Floor	ppm	9	
5	Block-VI Ground Floor	ppm	11	

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES


M. G. SHAIKH
(AUTHORIZED SIGNATORY)

.....END OF TEST REPORT.....

Annexure-V
Drainage
disconnection
certificate


GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION

NO/GIDC/DEE/DRN/VPI/ 626
office of the Dy. Ex. Engineer(Drainage)
GIDC/Vapi.

Dt- 23/7/12

CERTIFICATE FOR DISCONNECTION OF DRAINAGE CONNECTION

This is to certify that the drainage connection of M/S Arti
Industries limited Plot No.22/C/1 & 2 is disconnected on dtd 23/07/2012
on request of party.


Dy. Executive Engineer (DRG)
G.I.D.C. Vapi.

Annexure-VI
Work Place
Monitoring Report



ENPRO
Environment,
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Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.
- Particulars of sampling: **Block-3 (FDP-II & FDP III),** Date: 19 / 10 / 22
Sampling Duration : 8 Hrs.(09:15 AM to 05:15 PM)

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP01

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	65	65	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>Patel P. A.</i>	PRASHANT PATEL
02.		Methanol		01	25	25	200 ppm (TLV)					
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	33	33	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>Patel P. A.</i>	PRASHANT PATEL
02.		Methanol		01	17	17	200 ppm (TLV)					
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	9.0	9.0	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-	<i>Patel P. A.</i>	PRASHANT PATEL
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Phthionile Chloride Addition Area)	thionyl Chloride		01	N.T	N.T	1 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Patel P. A.
Authorized Signatory

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

10042

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NASL ACCREDITED CALIBRATION LABORATORY
*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR
*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

ETL222302



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

ENPRO
Environment,
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Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in the process.

3. Particulars of sampling: **Block -2**, Date: **19 / 10 / 22** Sampling Duration : **8 Hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP02

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Methanol	Handy Sampler Sr. No.: 74	01	12	12	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--	<i>Prashant P.A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	10	10	150 ppm (TLV)					
01.	First Floor	Methanol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	--	<i>Prashant P.A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd

Prashant P.A.
Authorized Signatory

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

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*QC/NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCE/OLE II AUDITOR

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Environmental Testing Laboratory

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

- Name of the Department / Plant: **Aarti Pharamalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials – **Methanol, Ethyl Acetate & Acetone**, by-products: = and finished products: **Solvent Distillation** involving in the process.
- Particulars of sampling: **SRP Plant**, Date: **19 / 10 / 22** Sampling Duration : **8 hrs.(05:25 PM to 01:25 AM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP03

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	69	69	150 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	50	50	200 ppm (TLV)					
03.		Acetone		01	39	39	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	20	20	150 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	5	-	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	17	17	200 ppm (TLV)					
03.		Acetone		01	11	11	250 ppm (TLV)					

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Patel P.A.
Authorized Signatory

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

*ISO 9001 : 2015 * ISO 14001 : 2015 *ISO 45001 : 2018



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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials – **Acetone & Methanol**, by-products: **—** and finished products: **Zn V & Zn VII** involving in the process.
3. Particulars of sampling: **Block-4**, Date: **19/10/22** Sampling Duration : **8 hrs. .(05:25 PM to 01:25 AM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	42	42	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	NIKUNJ VAGHASIYA	
02.		Methanol		01	44	44	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	10	10	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

(Signature)
Authorized Signatory

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

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*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

ETL222302



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Pulsana Road, Sachin, Surat- 394 230, Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

ENPRO
Environment,
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Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: -- and finished products: -- involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **20 / 10 / 22** Sampling Duration : **8 hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP05

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	14	14	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Acetone		01	8.0	8.0	250 ppm (TLV)					
03.		Methanol		01	19	19	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		NIKUNJ VAGHASIYA
02.		Acetone		01	11	11	250 ppm (TLV)					
03.		Methanol		01	6.0	6.0	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

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*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
*QC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II AUDITOR
*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018



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ENPRO
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: **MES-II** involving in the process.

3. Particulars of sampling: **Block-5,**

Date: **20 / 10 / 22**

Sampling Duration : **8 hrs. (09:05 AM to 05:05 PM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP06

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	Prashant P.A.	PRASHANT PATEL
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	13.6	13.6	20 ppm (TLV)					
04.		Methanol		01	12	12	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammonia		01	7.6	7.6	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	14	14	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Ammonia		01	6.1	6.1	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

10047

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*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR
*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018



ENPRO Enviro Tech and Engineers Pvt. Ltd.

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Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products = and finished products = involving in the process.

3. Particulars of sampling: **Pilot Plant,** Date: **20 / 10 / 22**

Sampling Duration : 8 hrs.(05:20 PM to 01:20 AM)

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	Prashant P. A.	PRASHANT PATEL
02.		Toluene		01	5.0	5.0	20 ppm (TLV)					
03.		Methanol		01	30	30	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	10	10	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

10048



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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-1, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials –**Phosphoric Acid, Bromine, HCL, Ammonia** by-products: **--** and finished products: **--**
3. Particulars of sampling: - Date: **20 / 10 / 22** Sampling Duration : **8 hrs. (05:20 PM to 01:20 AM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP08

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--		NIKUNJ VAGHASTIVA
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.062	0.062	0.1 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	--		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.1	1.1	5 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	--		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	7.7	7.7	25 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	--		

Note : N.T. –Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

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•QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCHEDULE II AUDITOR

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

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6** Date: **21 / 10 / 22** Sampling Duration : **8 hrs.(09:00 AM to 05:00 PM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	0.024	0.024	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--	<i>Patel P.A.</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	0.017	0.017	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	--	<i>Patel P.A.</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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Patel P.A.
Authorized Signatory

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

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

ENPRO
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Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.
3. Particulars of sampling: **Block-6** Date: **21 / 10 / 22** Sampling Duration : **8 hrs. (09:00 AM to 05:00 PM)**

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>Patel P. A.</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Patil
Authorized Signatory

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

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•QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCHEDULE II AUDITOR

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

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ENPRO
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.
3. Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: **24 / 11 / 22**
Sampling Duration : **8 Hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP01

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	60	60	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		Methanol		01	30	30	200 ppm (TLV)					
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	39	39	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		NIKUNJ VAGHASIYA
02.		Methanol		01	10	10	200 ppm (TLV)					
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	13	13	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASIYA
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride		01	N.T.	N.T.	1 ppm (TLV)					

Note : N.T. --Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in process.

3. Particulars of sampling: **Block -2**, Date: **24 / 11 / 22** Sampling Duration : **8 Hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP02

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Methanol	Handy Sampler Sr. No.: 74	01	20	20	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant P.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	7.0	7.0	150 ppm (TLV)					
01.	First Floor	Methanol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>Prashant P.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

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Prashant P.
Authorized Signatory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Methanol, Ethyl Acetate & Acetone**, by-products: -- and finished products: **Solvent Distillation** involving the process.

3. Particulars of sampling: **SRP Plant**, Date: **24 / 11 / 22** Sampling Duration : **8 hrs.(05:20 PM to 01:20 AM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP03

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	75	75	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--		NIKUNJ VAGHASIYA
02.		Methanol		01	53	53	200 ppm (TLV)					
03.		Acetone		01	33	33	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	23	23	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--		NIKUNJ VAGHASIYA
02.		Methanol		01	11	11	200 ppm (TLV)					
03.		Acetone		01	8.0	8.0	250 ppm (TLV)					

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Acetone & Methanol**, by-products: – and finished products: **Zn V & Zn VII** involving in the process.

3. Particulars of sampling: **Block-4**, Date: **24 / 11 / 22** Sampling Duration : 8 hrs. (05:20 PM to 01:20 AM)

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS I Sr. No.: 3414	01	37	37	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Methanol		01	40	40	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS I(L) Sr. No.: 1013	01	17	17	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. –Not Traceable

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*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- by-products: -- and finished products: -- involving in the process.

3. Particulars of sampling: **MEE Plant** , Date: **25 / 11 / 22** Sampling Duration : 8 hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP05

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	11	11	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Prashant Patel</i>	PRASHANT PATEL
02.		Acetone		01	13	13	250 ppm (TLV)					
03.		Methanol		01	12	12	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant Patel</i>	PRASHANT PATEL
02.		Acetone		01	9.0	9.0	250 ppm (TLV)					
03.		Methanol		01	8.0	8.0	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Prashant Patel</i>	PRASHANT PATEL
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

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C. R. Desai
Authorized Signatory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials – by-products: -- and finished products: **MES-II** involving in the process.
- Particulars of sampling: **Block-5,** Date: **25 / 11 / 22** Sampling Duration : **8 hrs. (09:25 AM to 05:25 PM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP06

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	10.4	10.4	20 ppm (TLV)					
04.		Methanol		01	16	16	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		Ammonia		01	9.1	9.1	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	12	12	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	6	---		NIKUNJ VAGHASIYA
02.		Ammonia		01	2.9	2.9	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: **Pilot Plant.**

Date: **25 / 11 / 22**

Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Toluene		01	8.0	8.0	20 ppm (TLV)					
03.		Methanol		01	34	34	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	14	14	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

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

10929

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY

*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II AUDITOR

*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

ETL222302



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials –**Phosphoric Acid, Bromine, HCL, Ammonia** by-products: and finished products:

3. Particulars of sampling: - Date: **25 / 11 / 22** Sampling Duration : **8 hrs. (05:10 PM to 01:10 AM)**

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP08

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant Patel</i>	PRASHANT PATEL
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.059	0.059	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.5	1.5	5 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	5.9	5.9	25 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		

Note : N.T. –Not Traceable

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C. R. Patel
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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195. Dist. - Valsad

2. Raw materials = by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in process.

3. Particulars of sampling: **Block-6** Date: 26 / 11 / 22

Sampling Duration : 8 hrs. (09:25 AM to 05:25 PM)

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	0.027	0.027	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASIYA
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	0.013	0.013	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		NIKUNJ VAGHASIYA
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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*QC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR

*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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Environmental Testing Laboratory

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Suchin Palsuna Road, Suchin, Surat- 394 230. Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2. Phase-I, GIDC Estate, Vapi- 396195. Dist. - Valsad.

2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in process.

3. Particulars of sampling: **Block-6**

Date: 26 / 11 / 22

Sampling Duration : 8 hrs. . (09:25 AM to 05:25 PM)

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Prashant Patel</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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C. A. Patel
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*QC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR

*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.

3. Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: 14 / 12 / 22

Sampling Duration : 8 Hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP01

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	55	55	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	20	20	200 ppm (TLV)					
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	30	30	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	14	14	200 ppm (TLV)					
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	5.0	5.0	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride		01	N.T.	N.T.	1 ppm (TLV)					

Note : N.T. -Not Traceable

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Environmental Testing Laboratory

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in process.

3. Particulars of sampling: **Block -2**, Date: **14 / 12 / 22** Sampling Duration : **8 Hrs.(09:25 AM to 05:25 PM)**

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP02

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Meth-anol	Handy Sampler Sr. No.: 74	01	15	15	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		NIKUNJ VAGHASIYA
02.		Ethyl Acetate		01	13	13	150 ppm (TLV)					
01.	First Floor	Meth-anol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-		NIKUNJ VAGHASIYA
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Methanol, Ethyl Acetate & Acetone**, by-products: – and finished products: **Solvent Distillation** involving the process.

3. Particulars of sampling: **SRP Plant**, Date: **14 / 12 / 22** Sampling Duration : 8 hrs.(05:35 PM to 01:35 AM)

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP03

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	72	72	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	47	47	200 ppm (TLV)					
03.		Acetone		01	36	36	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	17	17	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol		01	15	15	200 ppm (TLV)					
03.		Acetone		01	6.0	6.0	250 ppm (TLV)					

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Patel P.A.
Authorized Signatory

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*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – Acetone & Methanol, by-products: -- and finished products: ZN V & Zn VII involving in the process.

3. Particulars of sampling: **Block-4**, Date: **14 / 12 / 22** Sampling Duration : 8 hrs. (05:35 PM to 01:35 AM)

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	40	40	250 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Methanol		01	46	46	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	13	13	250 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASIYA
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojivwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmed Labs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **15 / 12 / 22** Sampling Duration : **8 hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP05

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	9.0	9.0	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		Acetone		01	10	10	250 ppm (TLV)					
03.		Methanol		01	15	15	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASIYA
02.		Acetone		01	13	13	250 ppm (TLV)					
03.		Methanol		01	10	10	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: **MES-II** involving in the process.

3. Particulars of sampling: **Block-5,**

Date: **15 / 12 / 22**

Sampling Duration : **8 hrs. (09:15 AM to 05:15 PM)**

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP06

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>Rajendra</i>	PRASHANT PATEL
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	7.3	7.3	20 ppm (TLV)					
04.		Methanol		01	10	10	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Rajendra</i>	PRASHANT PATEL
02.		Ammonia		01	11.5	11.5	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	16	16	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>Rajendra</i>	PRASHANT PATEL
02.		Ammonia		01	4.5	4.5	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Rajendra
Authorized Signatory

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

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi-396195, Dist. - Valsad.
2. Raw materials – by-products: – and finished products: – involving in the process.
3. Particulars of sampling: **Pilot Plant,** Date: **15 / 12 / 22** Sampling Duration : **8 hrs.(05:15 PM to 01:15 AM)**

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	—		
02.		Toluene		01	11	11	20 ppm (TLV)					
03.		Methanol		01	25	25	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	—	B.H.P.A.	PRASHANT PATEL
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	17	17	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	—		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

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(Signature)
Authorized Signatory

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

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*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
*QC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR
*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018



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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA.
Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - **Phosphoric Acid, Bromine, HCL, Ammonia** by-products: = and finished products: =

3. Particulars of sampling: - Date: **15 / 12 / 22** Sampling Duration : **8 hrs. (05:15 PM to 01:15 AM)**

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP08

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.051	0.051	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	---	---		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.0	1.0	5 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	4.7	4.7	25 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		

Note : N.T. -Not Traceable

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

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** – and finished products: **FL-II** involving in process.

3. Particulars of sampling: **Block-6**

Date: 16 / 12 / 22

Sampling Duration : 8 hrs. (09:20 AM to 05:20 PM)

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS I(L) Sr. No.: 1013	01	0.021	0.021	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	<i>Patel P. A.</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS I Sr. No.: 3414	01	0.019	0.019	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>Patel P. A.</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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C. K. Doshi
Authorized Signatory

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

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Environmental Testing Laboratory

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharamlabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in process.

3. Particulars of sampling: **Block-6**

Date: 16 / 12 / 22

Sampling Duration : 8 hrs. . (09:20 AM to 05:20 PM)

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.
3. Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: **16 / 01 / 23**
Sampling Duration : **8 Hrs.(09:10 AM to 05:10 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP01

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation - Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	62	62	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-		NIKUNJ VAGHSHIYA
02.		Methanol		01	34	34	200 ppm (TLV)					
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	36	36	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-		NIKUNJ VAGHSHIYA
02.		Methanol		01	19	19	200 ppm (TLV)					
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	8.0	8.0	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-		NIKUNJ VAGHSHIYA
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Phthionile Chloride Addition Area)	thionyl Chloride		01	N.T.	N.T.	1 ppm (TLV)					

Note : N.T. -Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GHDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in the process.

3. Particulars of sampling: **Block -2**, Date: **16 / 01 / 23** Sampling Duration : **8 Hrs.(09:10 AM to 05:10 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP02

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Methanol	Handy Sampler Sr. No.: 74	01	18	18	200 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-	<i>P. A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	09	09	150 ppm (TLV)					
01.	First Floor	Methanol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-	<i>P. A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

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C. D. S.
Authorized Signatory

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

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*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY
*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II AUDITOR
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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - **Methanol, Ethyl Acetate & Acetone**, by-products: -- and finished products: **Solvent Distillation** involving in the process.

3. Particulars of sampling: **SRP Plant**, Date: **16 / 01 / 23** Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP03

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	65	65	150 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASTYA
02.		Methanol		01	51	51	200 ppm (TLV)					
03.		Acetone		01	30	30	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	21	21	150 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		NIKUNJ VAGHASTYA
02.		Methanol		01	19	19	200 ppm (TLV)					
03.		Acetone		01	10	10	250 ppm (TLV)					

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3203

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*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SHCHEDULE II AUDITOR

*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018



ENPRO Enviro Tech and Engineers Pvt. Ltd.

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Acetone & Methanol**, by-products: -- and finished products: **ZN V & Zn VII** involving in the process.

3. Particulars of sampling: **Block-4**, Date: **16 / 01 / 23** Sampling Duration : **8 hrs. (05:10 PM to 01:10 AM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	35	35	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	PRASHANT PATEL	
02.		Methanol		01	43	43	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	16	16	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

(Signature)
Authorized Signatory

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

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*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II AUDITOR

*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018



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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials _ by-products: -- and finished products: -- involving in the process.
3. Particulars of sampling: **MEE Plant**, Date: **17 / 01 / 23** Sampling Duration : **8 hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP05

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1(I) Sr. No.: 1013	01	13	13	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.A</i>	PRASHANT PATEL
02.		Acetone		01	7.0	7.0	250 ppm (TLV)					
03.		Methanol		01	20	20	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	<i>Patel P.A</i>	PRASHANT PATEL
02.		Acetone		01	15	15	250 ppm (TLV)					
03.		Methanol		01	5.0	5.0	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>Patel P.A</i>	PRASHANT PATEL
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Tracable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Patel P.A
Authorized Signatory

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

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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – by-products: – and finished products: **MES-II** involving in the process.

3. Particulars of sampling: **Block-5.**

Date: **17 / 01 / 23**

Sampling Duration : **8 hrs. (09:20 AM to 05:20 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP06

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	—		
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	12.7	12.7	20 ppm (TLV)					
04.		Methanol		01	13	13	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	—		NIKUNJ VAGHASHIYA
02.		Ammonia		01	6.3	6.3	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	10	10	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	—		
02.		Ammonia		01	6.5	6.5	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

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*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

ETL222303



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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-1, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials – by-products: – and finished products: – involving in the process.
- Particulars of sampling: **Pilot Plant,** Date: **17 / 01 / 23** Sampling Duration : **8 hrs.(05:05 PM to 01:05 AM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(I) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	—		
02.		Toluene		01	6.0	6.0	20 ppm (TLV)					
03.		Methanol		01	20	20	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	—		NIKUNJ VAGHASIYA
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	11	11	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	—		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials – **Phosphoric Acid, Bromine, HCL, Ammonia** by-products: == and finished products: ==
3. Particulars of sampling: - Date: **17 / 01 / 23** Sampling Duration : **8 hrs. (05:05 PM to 01:05 AM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP08

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation - Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant P. A.</i>	PRASHANT PATEL
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.064	0.064	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	-		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.3	1.3	5 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	6.8	6.8	25 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-		

Note : N.T. -Not Traceable

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Prashant P. A.
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FORM NO. 37

(Prescribed under Rule 12-13)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmslabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6** Date: **18 / 01 / 23** Sampling Duration : **8 hrs.(09:10 AM to 05:10 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	0.024	0.024	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	0.015	0.015	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASTHA
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist - Valsad.

2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6**

Date: **18 / 01 / 23**

Sampling Duration : **8 hrs. (09:10 AM to 05:10 PM)**

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-	<i>Patel P.A</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

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Patel P.A
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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
2. Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.
3. Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: **15 / 02 / 23**
Sampling Duration : **8 Hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP01

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	66	66	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.D.</i>	PRASHANT PATEL
02.		Methanol		01	23	23	200 ppm (TLV)					
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	33	33	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Patel P.D.</i>	PRASHANT PATEL
02.		Methanol		01	11	11	200 ppm (TLV)					
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	11.0	11.0	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Patel P.D.</i>	PRASHANT PATEL
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride		01	N.T.	N.T.	1 ppm (TLV)					

Note : N.T. --Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in the process.

3. Particulars of sampling: **Block -2**, Date: **15 / 02 / 23** Sampling Duration : **8 Hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP02

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	Ground Floor	Methanol	Handy Sampler Sr. No.: 74	01	22	22	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		NIKUNJ VAGHASIYA
02.		Ethyl Acetate		01	11	11	150 ppm (TLV)					
01.	First Floor	Methanol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Methanol, Ethyl Acetate & Acetone**, by-products: **--** and finished products: **Solvent Distillation** involving the process.

3. Particulars of sampling: **SRP Plant**, Date: **15 / 02 / 23** Sampling Duration : **8 hrs.(05:25 PM to 01:25 AM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP03

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	70	70	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Prashant P.</i>	PRASHANT PATEL
02.		Methanol		01	43	43	200 ppm (TLV)					
03.		Acetone		01	38	38	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	19	19	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Prashant P.</i>	PRASHANT PATEL
02.		Methanol		01	13	13	200 ppm (TLV)					
03.		Acetone		01	07	07	250 ppm (TLV)					

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Acetone & Methanol**, by-products: -- and finished products: **ZN V & Zn VII** involving in the process.

3. Particulars of sampling: **Block-4**, Date: **15 / 02 / 23** Sampling Duration : **8 hrs. (05:25 PM to 01:25 AM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	43	43	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		NIKUNJ VAGHASIYA
02.		Methanol		01	48	48	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	11	11	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. -Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- by-products: -- and finished products: -- involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **16 / 02 / 23** Sampling Duration : **8 hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP05

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	7.0	7.0	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		NIKUNJ VAGHASIYA
02.		Acetone		01	12	12	250 ppm (TLV)					
03.		Methanol		01	17	17	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		Acetone		01	10	10	250 ppm (TLV)					
03.		Methanol		01	13	13	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

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Environmental Testing Laboratory

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

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: **MES-II** involving in the process.

3. Particulars of sampling: **Block-5,** Date: **16 / 02 / 23** Sampling Duration : **8 hrs. (09:05 AM to 05:05 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP06

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel/P.A.</i>	PRASHANT PATEL
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	9.6	9.6	20 ppm (TLV)					
04.		Methanol		01	17	17	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammonia		01	8.8	8.8	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	13	13	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Ammonia		01	3.1	3.1	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

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Environmental Testing Laboratory

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FORM NO. 37

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(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharamalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: **Pilot Plant,** Date: **16 / 02 / 23**

Sampling Duration : **8 hrs.(05:25 PM to 01:25 AM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Toluene		01	9.0	9.0	20 ppm (TLV)					
03.		Methanol		01	35	35	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	13	13	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

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C.P. Desai
Authorized Signatory

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials –**Phosphoric Acid, Bromine, HCL, Ammonia** by-products: = and finished products: =

3. Particulars of sampling: - Date: **16 / 02 / 23** Sampling Duration : **8 hrs. (05:25 PM to 01:25 AM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP08

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASTIYA
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.055	0.055	0.1 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.6	1.6	5 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	5.2	5.2	25 ppm (TLV)	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		

Note : N.T. –Not Traceable

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Environmental Testing Laboratory

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Lab Ph. : +91-95128 74750 Email: lab@enpro.co.in

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6**

Date: **17 / 02 / 23**

Sampling Duration : **8 hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS I(L) Sr. No.: 1013	01	0.026	0.026	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS I Sr. No.: 3414	01	0.011	0.011	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6**

Date: **17 / 02 / 23**

Sampling Duration : **8 hrs. . (09:05 AM to 05:05 PM)**

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		NIKUNJ VAGHASIYA
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.
- Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: **21 / 03 / 23**
Sampling Duration : **8 Hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP01

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	58	58	250 ppm (TLV)	SOP No.- W/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
02.		Methanol	01	29	29	200 ppm (TLV)						
01.	First Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	28	28	250 ppm (TLV)	SOP No.- W/AA/14-01 Ref: IS-5182 P-11:2006	4	---		ARJUN NIKAM
02.		Methanol	01	15	15	200 ppm (TLV)						
01.	Second Floor	Acetone	Handy Sampler Sr. No.: 0911	01	15.0	15.0	250 ppm (TLV)	SOP No.- W/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride		01	N.T.	N.T.	1 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- **Ethyl Acetate, Methanol**, by-products: -- and finished products: **FL-II HCl & SAF-I** involving in the process.

3. Particulars of sampling: **Block -2**, Date: **21 / 03 / 23** Sampling Duration : **8 Hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP02

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Methanol	Handy Sampler Sr. No.: 74	01	10	10	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--	<i>Prashant P.A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	6.0	6.0	150 ppm (TLV)					
01.	First Floor	Methanol	Handy Sampler Sr. No.: 0911	01	N.T.	N.T.	200 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--	<i>Prashant P.A.</i>	PRASHANT PATEL
02.		Ethyl Acetate		01	N.T.	N.T.	150 ppm (TLV)					

Note : N.T. -Not Traceable

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Methanol, Ethyl Acetate & Acetone**, by-products: -- and finished products: **Solvent Distillation** involving in the process.

3. Particulars of sampling: **SRP Plant**, Date: **21 / 03 / 23** Sampling Duration : **8 hrs.(05:15 PM to 01:15 AM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP03

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Handy Sampler Sr. No.: 74	01	60	60	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		ARJUN NIKAM
02.		Methanol		01	55	55	200 ppm (TLV)					
03.		Acetone		01	25	25	250 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Handy Sampler Sr. No.: 0911	01	15	15	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		ARJUN NIKAM
02.		Methanol		01	10	10	200 ppm (TLV)					
03.		Acetone		01	09	09	250 ppm (TLV)					

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FORM NO. 37

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Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials – **Acetone & Methanol**, by-products: -- and finished products: **ZN V & Zn VII** involving in the process.

3. Particulars of sampling: **Block-4**, Date: **21 / 03 / 23** Sampling Duration : 8 hrs. (05:15 PM to 01:15 AM)

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP04

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acetone	Personal Sampler Model: PEM-PAS I	01	47	47	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	Prashant P.A.	PRASHANT PATEL
02.		Methanol	Sr. No.: 3414	01	52	52	200 ppm (TLV)					
01.	First Floor	Acetone	Personal Sampler Model: PEM-PAS I(L)	01	14	14	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Methanol	Sr. No.: 1013	01	N.T.	N.T.	200 ppm (TLV)					
01.	Second Floor	Acetone	Benzene Sampler Sr. No.: 141-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					
01.	Third Floor	Acetone	Benzene Sampler Sr. No.: 140-DTH-2018	01	N.T.	N.T.	250 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Methanol		01	N.T.	N.T.	200 ppm (TLV)					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

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*ISO 9001 : 2015 *ISO 14001 : 2015 *ISO 45001 : 2018

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Environmental Testing Laboratory

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **22 / 03 / 23** Sampling Duration : **8 hrs.(09:25 AM to 05:25 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP05

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS I(L) Sr. No.: 1013	01	10	10	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Acetone		01	15	15	250 ppm (TLV)					
03.		Methanol		01	10	10	200 ppm (TLV)					
01.	First Floor	Ethyl Acetate	Personal Sampler Model: PEM-PAS I Sr. No.: 3414	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant P.A.</i>	PRASHANT PATEL
02.		Acetone		01	7.0	7.0	250 ppm (TLV)					
03.		Methanol		01	8.0	8.0	200 ppm (TLV)					
01.	Second Floor	Ethyl Acetate	Benzene Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	150 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Acetone		01	N.T.	N.T.	250 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. L. Desai
Authorized Signatory

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



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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GHDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials _ by-products: _ and finished products: **MES-II** involving in the process.
- Particulars of sampling: **Block-5,** Date: **22 / 03 / 23** Sampling Duration : **8 hrs. (09:25 AM to 05:25 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP06

Sr. No	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Benzene Sampler Sr. No.: 140-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Ammonia		01	NT	NT	25 ppm (TLV)					
03.		Toluene		01	15.3	15.3	20 ppm (TLV)					
04.		Methanol		01	11	11	200 ppm (TLV)					
01.	Second Floor	Acetonitrile	Handy Sampler Sr. No.: 0911	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		ARJUN NIKAM
02.		Ammonia		01	13.7	13.7	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	18	18	200 ppm (TLV)					
01.	Third Floor	Acetonitrile	Handy Sampler Sr. No.: 74	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammonia		01	5.8	5.8	25 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					

Note : NT- Not Traceable

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

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

- Name of the Department / Plant: **Aarti Pharmalabs Limited.**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
- Raw materials _ by-products: -- and finished products: -- involving in the process.
- Particulars of sampling: **Pilot Plant,** Date: **22 / 03 / 23** Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP07

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Toluene		01	13	13	20 ppm (TLV)					
03.		Methanol		01	28	28	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Second Floor	Acetonitrile	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		ARJUN NIKAM
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	16	16	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					
01.	Third Floor	Acetonitrile	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	20 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Toluene		01	NT	NT	20 ppm (TLV)					
03.		Methanol		01	NT	NT	200 ppm (TLV)					
04.		Chloroform		01	NT	NT	2 ppm (TLV)					

Note : NT- Not Traceable

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FORM NO. 37

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Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - **Phosphoric Acid, Bromine, HCL, Ammonia** by-products: and finished products:

3. Particulars of sampling: - Date: **22 / 03 / 23** Sampling Duration : **8 hrs. (05:10 PM to 01:10 AM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP08

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation -n Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphoric Acid Reactor Plant	Phosphoric Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m ³ (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Prashant</i>	PRASHANT PATEL
02.	Bromine Storage Area	Bromine	Handy Sampler Sr. No.: 0911	01	0.060	0.050	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
03.	Near HCl Tank	HCl	Handy Sampler Sr. No.: 0411	01	1.1	1.1	5 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler Sr. No.: 3714	01	4.2	4.2	25 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		

Note : N.T. -Not Traceable

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C. A. Joshi
Authorized Signatory

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Environmental Testing Laboratory

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6**

Date: **23 / 03 / 23**

Sampling Duration : **8 hrs.(09:25 AM to 05:25 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP09

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	First Floor	Bromine	Personal Sampler Model: PEM-PAS 1(L) Sr. No.: 1013	01	0.029	0.029	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-		ARJUN NIKAM
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					
01.	Second Floor	Bromine	Personal Sampler Model: PEM-PAS 1 Sr. No.: 3414	01	0.017	0.017	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: **Aarti Pharmalabs Limited.**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials by-products: **Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate** and finished products: **FL-II** involving in the process.

3. Particulars of sampling: **Block-6**

Date: **23 / 03 / 23**

Sampling Duration : **8 hrs. (09:25 AM to 05:25 PM)**

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP10

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination			TWA concentration (As per OHS Regulation Section 5.48)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block Letter)
				Number of samples	Range (Result) ppm	Average ppm						
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Third Floor	Bromine	Benzene Sampler Sr. No.: 141-DTH-2018	01	NT	NT	0.1 ppm (TLV)	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-	<i>Prashant P. Patel</i>	PRASHANT PATEL
02.		MTBE		01	NT	NT	50 ppm (TLV)					
03.		Toluene		01	NT	NT	20 ppm (TLV)					
04.		Methanol		01	NT	NT	200 ppm (TLV)					
05.		Acetone		01	NT	NT	250 ppm (TLV)					
06.		Ethyl Acetate		01	NT	NT	150 ppm (TLV)					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. K. Joshi
Authorized Signatory

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

Annexure-VII

CER activity certificate

Date: - 18/04/2022

To,
The District Collector,
Collector & District Magistrate Office,
Valsad-396001.

Subject - Approval for Corporate Environment Responsibility (CER) activities expenditure mentioned in Environment Clearance (EC) for Aarti Industries Limited(Custom Synthesis Division), located at Plot No.22/C-1&2, Phase-I, GIDC Vapi, Gujarat.

Respected Sir,

We, Aarti Industries Limited, have received the EC for proposed expansion by addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates at existing unit at Vapi (Please refer Annex-1).


As per EC condition & OM issued by MoEF&CC dated 01.05.2018 (Please refer Annex-2), we have to allocate & utilize the CER (Corporate Environmental Responsibility) activity along with the timeline. The Budget allocated for CER activity as per EC condition is **Rs 9 Lacs**.

Subsequently, We have spent the budget in the following activities for CER compliance.

1. Contribution to Covid Care Center, Vapi - **Rs. 2.51 Lacs** [dated -23.07.2021] - (Please refer Annex-3)
2. Oxygen Analyser donation to ESIC hospital- **Rs. 4.85 Lacs** [dated -23.07.2021] - (Please refer Annex-4)
3. Covid support to contractors - **Rs 3.46 Lacs** [dated - 20.04.2020]- (Please refer Annexure-5)

Total : Rs 10.82 Lacs

So, We request you to consider the above expenditure and kindly give your approval to comply with the EC condition regarding CER activity & provide us the compliance certificate.


25/4/22
આલર્ટી ઇન્ડસ્ટ્રી
વલસદ જિલ્લો

25/4/22

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

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

Factory : Custom Synthesis Division, Plot No.22-C/1,1st Phase, GIDC, Vapi - 396195, Dist -Valsad, Gujarat, INDIA,
T : 0260 - 2400467, 9909994655

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.
T : 022-67976666, F : 022-25853234 | E : info@aarti-industries.com

Annexure-VIII
Noise monitoring
Report



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588522000007465F	Issue Date : 31-10-2022
ULR No : TC588522000007465F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 17-10-2022 to 19-10-2022 Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below Sample ID : 1022/N07465

Type of Test : On Site Testing Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	Nr. Security Gate	65.9	62.0
2	Nr. Parking Area	71.1	66.5
3	Nr. Block I	73.6	69.1
4	Nr. Block II	68.5	64.6
5	Nr. Block III	69.2	65.5
6	Nr. Block IV	71.1	66.3
7	Nr. Block V	72.6	66.4
8	Nr. R & D Lab	71.3	67.5
9	Nr. ETP	68.8	65.1
10	Nr. Admin Office	67.1	63.2
11	Nr. Block -6	68.9	65.7
12	Nr. Boiler Area	55.3	51.9
	GPCB 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

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ETL222302



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Environmental Testing Laboratory

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate,
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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588522000007466F	Issue Date : 31-10-2022
ULR No : TC588522000007466F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 20-10-2022	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 1022/N07466
Type of Test : On Site Testing	Protocol : Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	DG Room (On)	79.8	74.1
2	Nr. Vacuum Line (Behind Block -4)	76.1	71.5
3	MEE Plant Area	69.5	63.2
4	ETP Plant Area	72.7	67.9
5	Nr.Utility Area	70.1	64.3
	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

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Environmental Testing Laboratory

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

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TEST REPORT

Customer's Name & Address: Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Nikunj Vaghasiya	
Date of Monitoring	:	21 / 10 / 22	Issue Date : 31 / 10 / 22

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	84.1	61.9	22.2
2.	Noise Monitoring (DG 625 KVA)	86.9	64.2	22.7
3.	Noise Monitoring (DG 610 KVA)	85.1	63.7	21.4

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CHECKED BY
Sweety Patel (Dy.TM)


AUTHORIZED SIGNATORY
Chintan Desai (TM)

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

10040

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Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588522000008367F	Issue Date : 06-12-2022
ULR No : TC588522000008367F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 22-11-2022 to 24-11-2022 Duration of Sampling : 1 hr / Location
 Description of Location : As per Table Given Below Sample ID : 1122/N08367
 Type of Test : On Site Testing Protocol : Ambient Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	Nr. Security Gate	62.2	56.5
2	Nr. Parking Area	68.6	63.3
3	Nr. Block I	72.7	67.6
4	Nr. Block II	72.2	66.3
5	Nr. Block III	71.5	67.6
6	Nr. Block IV	67.5	63.2
7	Nr. Block V	70.4	65.3
8	Nr. R & D Lab	67.3	62.3
9	Nr. ETP	72.7	67.1
10	Nr. Admin Office	65.2	59.3
11	Nr. Block -6	70.6	66.0
12	Nr. Boiler Area	52.3	47.1
	GPCB LIMIT	75	70

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

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CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588522000008368F	Issue Date : 06-12-2022
ULR No : TC588522000008368F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 25-11-2022 to 26-11-2022

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 1122/N08368

Type of Test : On Site Testing

Protocol : Workplace Noise Level Monitoring

RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	DG Room (On)	81.5	76.3
2	Nr. Vacuum Line (Behind Block -4)	72.8	68.3
3	MEE Plant Area	65.3	60.8
4	ETP Plant Area	71.3	65.5
5	Nr.Utility Area	68.8	62.9
	LIMIT	TLV - 85	TLV - 85

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AUTHORISED SIGNATORY

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TEST REPORT

Customer's Name & Address: Aarti Pharmed Labs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Nikunj Vaghasiya	
Date of Monitoring	:	26 / 11 / 22	Issue Date : 06 / 12 / 22

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	85.6	63.2	22.4
2.	Noise Monitoring (DG 625 KVA)	87.1	66.1	21.0
3.	Noise Monitoring (DG 610 KVA)	86.5	65.8	20.7

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Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588522000009021F	Issue Date : 24-12-2022
ULR No : TC588522000009021F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By : Prashant Patel Sampling & Test Method : WI/N/01

Date of Sampling : 12-12-2022 to 14-12-2022 Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below Sample ID : 1222/N09021

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. Security Gate	67.4	63.5
2	Nr. Parking Area	72.5	68.0
3	Nr. Block I	70.4	65.5
4	Nr. Block II	69.9	64.3
5	Nr. Block III	73.2	69.1
6	Nr. Block IV	69.5	65.4
7	Nr. Block V	73.0	68.7
8	Nr. R & D Lab	69.4	64.3
9	Nr. ETP	70.5	65.3
10	Nr. Admin Office	63.7	57.4
11	Nr. Block -6	72.5	68.3
12	Nr. Boiler Area	58.4	53.5
	GPCB LIMIT	75	70

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

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Sweety Patel
CHECKED BY

Sweety Patel (Dy.TM)

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TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588522000009022F	Issue Date : 24-12-2022
ULR No : TC588522000009022F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 15-12-2022 to 16-12-2022 Duration of Sampling : 1 hr / Location
 Description of Location : As per Table Given Below Sample ID : 1222/N09022
 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	DG Room (On)	83.5	79.3
2	Nr. Vacuum Line (Behind Block -4)	75.3	70.6
3	MEE Plant Area	70.4	65.5
4	ETP Plant Area	72.9	68.8
5	Nr. Utility Area	71.4	66.2
	LIMIT	TLV - 85	TLV - 85

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Sweety Patel
CHECKED BY

Sweety Patel (Dy.TM)

Chintan Desai
AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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TEST REPORT

Customer's Name & Address: Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Prashant Patel	
Date of Monitoring	:	16 / 12 / 22	Issue Date : 24 / 12 / 22

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	83.9	61.8	22.1
2.	Noise Monitoring (DG 625 KVA)	88.5	68.1	20.4
3.	Noise Monitoring (DG 610 KVA)	84.2	64.5	19.7

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Sweety Patel
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AUTHORIZED SIGNATORY
Chintan Desai (TM)

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TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588523000000492F	Issue Date : 30-01-2023
ULR No : TC588523000000492F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 12-01-2023 to 16-01-2023

Duration of Sampling : 8 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0123/N00492

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. Security Gate	60.6	55.6
2	Nr. Parking Area	70.2	65.0
3	Nr. Block I	73.1	68.1
4	Nr. Block II	67.6	62.7
5	Nr. Block III	72.3	66.6
6	Nr. Block IV	66.8	62.8
7	Nr. Block V	71.3	66.3
8	Nr. R & D Lab	72.9	67.6
9	Nr. ETP	68.3	63.7
10	Nr. Admin Office	68.4	62.3
11	Nr. Block -6	68.8	65.1
12	Nr. Boiler Area	54.2	50.6
	GPCB LIMIT	75	70

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

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CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
Chintan Desai (TM)

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TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588523000000493F	Issue Date : 30-01-2023
ULR No : TC588523000000493F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharamalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 17-01-2023 to 18-01-2023	Duration of Sampling : 8 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0123/N00493
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	DG Room (On)	80.3	77.2
2	Nr. Vacuum Line (Behind Block -4)	73.7	69.3
3	MEE Plant Area	68.4	64.4
4	ETP Plant Area	70.3	66.7
5	Nr. Utility Area	69.7	65.0
	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.

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TEST REPORT


Customer's Name & Address: Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Nikunj Vaghasiya	
Date of Monitoring	:	18 / 01 / 23	Issue Date : 30 / 01 / 23

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	82.6	57.1	25.5
2.	Noise Monitoring (DG 625 KVA)	85.4	58.5	26.9
3.	Noise Monitoring (DG 610 KVA)	83.9	56.3	27.6

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ANALYSED BY


CHECKED BY

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

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Test Report



TC - 5885

Format No : QR/7.8/03	Test Report No : TC588523000001427F	Issue Date : 25-02-2023
ULR No : TC588523000001427F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 13-02-2023 to 15-02-2023

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0223/N01427

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. Security Gate	65.3	60.5
2	Nr. Parking Area	73.5	68.3
3	Nr. Block I	71.7	66.6
4	Nr. Block II	70.2	66.2
5	Nr. Block III	71.6	64.9
6	Nr. Block IV	68.2	63.6
7	Nr. Block V	72.6	67.0
8	Nr. R & D Lab	70.1	65.0
9	Nr. ETP	71.7	66.2
10	Nr. Admin Office	65.4	61.1
11	Nr. Block -6	70.3	64.3
12	Nr. Boiler Area	57.5	52.6
	GPCB LIMIT	75	70

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

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CHECKED-BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588523000001428F	Issue Date : 25-02-2023
ULR No : TC588523000001428F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, 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 : 16-02-2023 to 17-02-2023

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0223/N01428

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	DG Room (On)	82.5	79.2
2	Nr. Vacuum Line (Behind Block -4)	77.1	73.7
3	MEE Plant Area	72.6	68.5
4	ETP Plant Area	73.4	68.1
5	Nr. Utility Area	70.5	66.6
	LIMIT	TLV - 85	TLV - 85

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

CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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Environmental Testing Laboratory

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

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TEST REPORT

Customer's Name & Address: Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Nikunj Vaghasiya	
Date of Monitoring	:	17 / 02 / 23	Issue Date : 25 / 02 / 23

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	84.3	59.1	25.2
2.	Noise Monitoring (DG 625 KVA)	87.9	61.7	26.2
3.	Noise Monitoring (DG 610 KVA)	85.7	58.6	27.1

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


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



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Test Report



TC - 5885

Format No : QR/7.8/03	Test Report No : TC588523000002538F	Issue Date : 31-03-2023
ULR No : TC588523000002538F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring	Sampling & Test Method : W/N/01
Sampling By : Prashant Patel	Duration of Sampling : 1 hr / Location
Date of Sampling : 18-03-2023 to 21-03-2023	Sample ID : 0323/N02538
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. Security Gate	69.3	64.3
2	Nr. Parking Area	71.3	66.6
3	Nr. Block I	70.4	65.5
4	Nr. Block II	73.5	68.9
5	Nr. Block III	73.3	70.2
6	Nr. Block IV	64.7	61.3
7	Nr. Block V	70.2	66.7
8	Nr. R & D Lab	73.1	69.1
9	Nr. ETP	67.7	63.2
10	Nr. Admin Office	69.2	64.8
11	Nr. Block -6	72.3	69.2
12	Nr. Boiler Area	60.2	54.9
	GPCB LIMIT	75	70

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

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CHECKED BY
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TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000002539F	Issue Date : 31-03-2023
ULR No : TC588523000002539F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharamalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Indoor Measurement of Noise

Sampling By : Prashant Patel

Sampling & Test Method : W/N/03

Date of Sampling : 22-03-2023 to 23-03-2023

Duration of Sampling : 1 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0323/N02539

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	DG Room (On)	81.2	78.3
2	Nr. Vacuum Line (Behind Block -4)	72.6	69.6
3	MEE Plant Area	75.7	72.5
4	ETP Plant Area	70.8	68.2
5	Nr. Utility Area	72.3	70.6
	LIMIT	TLV - 85	TLV - 85

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TEST REPORT


Customer's Name & Address: Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.			
Description of Monitoring	:	DG Noise Comparison	
Monitoring By	:	Prashant Patel	
Date of Monitoring	:	23 / 03 / 23	Issue Date : 31 / 03 / 23

RESULT TABLE

SR. NO.	Description	NOISE LEVEL dB(A)		
		DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	81.9	56.5	25.4
2.	Noise Monitoring (DG 625 KVA)	86.3	60.2	26.1
3.	Noise Monitoring (DG 610 KVA)	84.5	58.0	26.5

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Annexure-IX
Stack Monitoring
report

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007451F	Issue Date : 31-10-2022
ULR No : TC588522000007451F	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No. -22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Boiler (12 TPH)	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 20-10-2022	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 21-10-2022	Date of Completion	: 27-10-2022
Date of Starting of Test	: 21-10-2022	Sample ID	: 1022/ST07451
Sampling Method	: WI/ST/A	Fuel	: NG
Duration Sampling	: 60 min		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	1.00	-	-
3	Flue Gas Temperature	°C	148	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	222000	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	15.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	10.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	6.1	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007452F	Issue Date : 31-10-2022
ULR No : TC588522000007452F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 320 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 20-10-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-10-2022	Date of Completion : 27-10-2022
Date of Starting of Test : 21-10-2022	Sample ID : 1022/ST07452
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	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	100	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	616	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	71.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	23.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	16.8	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007453F	Issue Date : 31-10-2022
ULR No : TC588522000007453F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to D.G Set 625 KVA	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample
Date of Sampling	: 20-10-2022	Packing / Seal
Sample Received Date	: 21-10-2022	Protocol / Purpose
Date of Starting of Test	: 21-10-2022	Date of Completion
Sampling Method	: WI/ST/A	Sample ID
Duration Sampling	: 60 min	Fuel
		: Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	119	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	688	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	87.0	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	17.8	50	IS 11255 (Part-7):2005

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TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007455F	Issue Date : 31-10-2022
ULR No : TC588522000007455F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Common Stack Thermopack-1 & 2 (2 Lakh Kcal/hr)	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07455
Duration Sampling : 60 min	Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	80	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8407	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	9.8	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	12.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	6.0	50	IS 11255 (Part-7):2005

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588522000007456F	Issue Date : 31-10-2022
ULR No : TC588522000007456F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07456
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	10.0	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000490/22-	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample	: Stack attached to Block-II Reactor Scrubber	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 20-10-2022	Packing / Seal : Sealed
Sample Received Date	: 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 21-10-2022	Date of Completion : 27-10-2022
Sampling Method	: WI/ST/A	Sample ID : 1022/ST07456
Duration Sampling	: 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	2.60	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007457F	Issue Date : 31-10-2022
ULR No : TC588522000007457F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07457
Duration Sampling : 60 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	14.3	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007342/22	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-IV Reactor Scrubber		
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 20-10-2022	Packing / Seal	: Sealed
Sample Received Date	: 21-10-2022	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 21-10-2022	Date of Completion	: 27-10-2022
Sampling Method	: WI/ST/A	Sample ID	: 1022/ST07457
Duration Sampling	: 60 min	Fuel	: -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.20	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007458F	Issue Date : 31-10-2022
ULR No : TC588522000007458F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-V Reactor Scrubber	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 20-10-2022	Packing / Seal : Sealed
Sample Received Date	: 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 21-10-2022	Date of Completion : 27-10-2022
Sampling Method	: WI/ST/A	Sample ID : 1022/ST07458
Duration Sampling	: 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	20.5	40	IS 11255 (Part-6):1999 Clause 5

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CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588522000007459F	Issue Date : 31-10-2022
ULR No : TC588522000007459F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07459
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	6.6	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

Chintan Desai
AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000494/22-	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07459
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.10	20	USEPA (Part-0050)

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TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007460F	Issue Date : 31-10-2022
ULR No : TC588522000007460F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber		Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Date of Starting of Test : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Sampling Method : WI/ST/A	Duration Sampling : 60 min	Date of Completion : 27-10-2022
		Sample ID : 1022/ST07460
		Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	11.1	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	17.6	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000495/22-	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-III Reactor Scrubber		
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 20-10-2022	Packing / Seal	: Sealed
Sample Received Date	: 21-10-2022	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 21-10-2022	Date of Completion	: 27-10-2022
Sampling Method	: WI/ST/A	Sample ID	: 1022/ST07460
Duration Sampling	: 60 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.50	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007461F	Issue Date : 31-10-2022
ULR No : TC588522000007461F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : 1022/ST07461
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	15.8	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007423/22	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-VI Reactor Scrubber	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 20-10-2022	Packing / Seal : Sealed
Sample Received Date	: 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 21-10-2022	Date of Completion : 27-10-2022
Sampling Method	: WI/ST/A	Sample ID : 1022/ST07461
Duration Sampling	: 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.80	20	USEPA (Part-0050)

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Sweetie Patel
CHECKED BY
Sweetie Patel (Dy.TM)

Chintan Desai
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Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000007462F	Issue Date : 31-10-2022
ULR No : TC588522000007462F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 20-10-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-10-2022	Date of Completion : 27-10-2022
Date of Starting of Test : 21-10-2022	Sample ID : 1022/ST07462
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 15 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	20.1	175	IS 11255 (Part-6):1999 Clause 5

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Sweety Patel (Dy.TM)


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Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007374/22	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Phosphoric Acid Recovery Plant	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 20-10-2022	Packing / Seal : Sealed
Sample Received Date : 21-10-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-10-2022	Date of Completion : 27-10-2022
Sampling Method : WI/ST/A	Sample ID : ETL/007374/22
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	-	-
2	Velocity	m/s	-	-	IS 11255 (Part-3):2021
3	HCl	mg/Nm ³	2.50	20	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (Velocity(NN)<0.4 m/s)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000497/22-	Issue Date : 31-10-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharamalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 20-10-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-10-2022	Date of Completion : 27-10-2022
Date of Starting of Test : 21-10-2022	Sample ID : ETL/000497/22-
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	5.0	-	-
2	Velocity	m/s	-	-	IS 11255 (Part-3):2021
3	HCl	mg/Nm ³	3.5	20	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (Velocity(NN)<0.4 m/s)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008353F	Issue Date : 06-12-2022
ULR No : TC588522000008353F	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Boiler(12 TPH)	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08353
Duration Sampling : 60 min	Fuel : NG

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	1.00	-	-
3	Flue Gas Temperature	°C	137	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	19405	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	10.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	8.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	15.1	50	IS 11255 (Part-7):2005

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AUTHORISED SIGNATORY
Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008354F	Issue Date : 06-12-2022
ULR No : TC588522000008354F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 320 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08354
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	90	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	549	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	80.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	20.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	13.0	50	IS 11255 (Part-7):2005

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CHECKED BY
Sweetly Patel (Dy.TM)

C. K. Desai
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.

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008355F	Issue Date : 06-12-2022
ULR No : TC588522000008355F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 625 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08355
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	128	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	654	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	90.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	32.0	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	24.9	50	IS 11255 (Part-7) 2005

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AUTHORISED SIGNATORY
Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008356F	Issue Date : 06-12-2022
ULR No : TC588522000008356F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 26-11-2022

Packing / Seal : Sealed

Sample Received Date : 28-11-2022

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022

Date of Completion : 30-11-2022

Sampling Method : WI/ST/A

Sample ID : 1122/ST08356

Duration Sampling : 60 min

Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	117	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	581	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	77.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	20.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	12.4	50	IS 11255 (Part-7):2005

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C. P. Desai

AUTHORISED SIGNATORY

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008357F	Issue Date : 06-12-2022
ULR No : TC588522000008357F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Common Stack Thermopack-1 & 2 (2 Lakh Kcal/hr)	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08357
Duration Sampling : 60 min	Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	93	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8308	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	11.2	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	9.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	14.1	50	IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008358F	Issue Date : 06-12-2022
ULR No : TC588522000008358F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08358
Duration Sampling : 60 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	9.5	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	15.2	50	IS 11255 (Part-7):2005

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Chintan Desai
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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007844/22	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08358
Duration Sampling : 60 min	Fuel : --

RESULT TABLE


S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	1.10	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008359F	Issue Date : 06-12-2022
ULR No : TC588522000008359F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 28-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08359
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	9.6	40	IS 11255 (Part 2):1985

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Sweety Patel

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Sweety Patel (Dy.TM)

Chintan Desai

AUTHORISED SIGNATORY

Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000743/22-	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08359
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.10	20	USEPA (Part-0050)

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Test Report

TC - 5885


Format No : QR/7.8/01	Test Report No : TC588522000008360F	Issue Date : 06-12-2022
ULR No : TC588522000008360F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08360
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	25.8	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000008361F	Issue Date : 06-12-2022
ULR No : TC588522000008361F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08361
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	8.7	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000747/22-	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample	: Stack attached to Block-V Reactor Scrubber		
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 26-11-2022	Packing / Seal	: Sealed
Sample Received Date	: 28-11-2022	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 28-11-2022	Date of Completion	: 30-11-2022
Sampling Method	: WI/ST/A	Sample ID	: 1122/ST08361
Duration Sampling	: 15 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.20	20	USEPA (Part-0050)

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AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000008362F	Issue Date : 06-12-2022
ULR No : TC588522000008362F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-III Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08362
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	11.0	50	IS 11255 (Part-7):2005

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CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
Chintan Desai (TM)

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

10914

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007845/22	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08362
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	4.20	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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AUTHORISED SIGNATORY

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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588522000008363F	Issue Date : 06-12-2022
ULR No : TC588522000008363F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08363
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	12.1	50	IS 11255 (Part-7):2005

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Sweetie Patel
CHECKED BY
Sweetie Patel (Dy.TM)

Chintan Desai
AUTHORISED SIGNATORY
Chintan Desai (TM)

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10916

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/007848/22	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08363
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.10	20	USEPA (Part-0050)

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TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588522000008364F	Issue Date : 06-12-2022
ULR No : TC588522000008364F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : 1122/ST08364
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	25.6	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000793/22-	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : ETL/000793/22-
Duration Sampling : 30 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	-	-
2	HCl	mg/Nm ³	2.40	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000794/22-	Issue Date : 06-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Phosphoric Acid Recovery Plant

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-11-2022	Packing / Seal : Sealed
Sample Received Date : 28-11-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 28-11-2022	Date of Completion : 30-11-2022
Sampling Method : WI/ST/A	Sample ID : ETL/000794/22-
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	--	--
2	HCl	mg/Nm ³	3.50	20	USEPA (Part-0050)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000009006F	Issue Date : 24-12-2022
ULR No : TC588522000009006F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09006
Sampling Method : WI/ST/A	Fuel : NG
Duration Sampling : 60 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	1.00	-	-
3	Flue Gas Temperature	°C	141	-	-
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	21401	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	13.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	6.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	11.2	50	IS 11255 (Part-7):2005

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Sweety Patel
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Sweety Patel (Dy.TM)

Chintan Desai
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Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852200009007F	Issue Date : 24-12-2022
ULR No : TC58852200009007F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 320 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09007
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	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	98	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	641	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	76.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	26.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.5	50	IS 11255 (Part-7):2005

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

Sweetie
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Sweetie Patel (Dy.TM)

C. A. Desai
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Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000009008F	Issue Date : 24-12-2022
ULR No : TC588522000009008F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to D.G Set 625 KVA	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Prashant Patel	Packing / Seal	: Sealed
Date of Sampling	: 16-12-2022	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 17-12-2022	Date of Completion	: 20-12-2022
Date of Starting of Test	: 17-12-2022	Sample ID	: 1222/ST09008
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	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	115	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	718	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	85.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	28.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	20.5	50	IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000009009F	Issue Date : 24-12-2022
ULR No : TC588522000009009F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09009
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	11	-	
2	Stack Diameter	m	0.15	-	
3	Flue Gas Temperature	°C	111	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	606	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	81.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	28.9	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	20.2	50	IS 11255 (Part-7):2005

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

Sweetie Patel
CHECKED BY
Sweetie Patel (Dy.TM)

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Chintan Desai (TM)

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000009010F	Issue Date : 24-12-2022
ULR No : TC588522000009010F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Common Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)	
Sampling By	: Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 16-12-2022	Packing / Seal : Sealed
Sample Received Date	: 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 17-12-2022	Date of Completion : 20-12-2022
Sampling Method	: WI/ST/A	Sample ID : 1222/ST09010
Duration Sampling	: 60 min	Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	85	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8919	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	14.7	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	11.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	16.7	50	IS 11255 (Part-7):2005

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Sweety Patel
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Sweety Patel (Dy.TM)

C. R. Desai
AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000009011F	Issue Date : 24-12-2022
ULR No : TC588522000009011F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09011
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	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.4	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	19.0	50	IS 11255 (Part-7):2005

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Sweety Patel
CHECKED BY
Sweety Patel (Dy. TM)

C. R. Desai
AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001033/22-	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09011
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	2.90	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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C. R. Desai
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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000009012F	Issue Date : 24-12-2022
ULR No : TC588522000009012F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-IV Reactor Scrubber	
Sampling By	: Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 16-12-2022	Packing / Seal : Sealed
Sample Received Date	: 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 17-12-2022	Date of Completion : 20-12-2022
Sampling Method	: WI/ST/A	Sample ID : 1222/ST09012
Duration Sampling	: 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	11.2	40	IS 11255 (Part 2):1985

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C. A. Desai
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Chintan Desai (TM)

Sweetie Patel
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Sweetie Patel (Dy.TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001034/22-	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09012
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 60 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.00	20	USEPA (Part-0050)

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Chintan Desai (TM)

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000009013F	Issue Date : 24-12-2022
ULR No : TC588522000009013F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-V Reactor Scrubber	
Sampling By	: Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 16-12-2022	Packing / Seal : Sealed
Sample Received Date	: 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 17-12-2022	Date of Completion : 20-12-2022
Sampling Method	: WI/ST/A	Sample ID : 1222/ST09013
Duration Sampling	: 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	28.2	40	IS 11255 (Part-6):1999 Clause 5


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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000009014F	Issue Date : 24-12-2022
ULR No : TC588522000009014F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharamlabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 16-12-2022	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 17-12-2022	Date of Completion : 20-12-2022
Date of Starting of Test : 17-12-2022	Sample ID : 1222/ST09014
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 15 min	


RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.0	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	7.8	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/008628/22	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-12-2022

Packing / Seal : Sealed

Sample Received Date : 17-12-2022

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-12-2022

Date of Completion : 20-12-2022

Sampling Method : WI/ST/A

Sample ID : 1222/ST09014

Duration Sampling : 15 min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	4.10	20	USEPA (Part-0050)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588522000009015F	Issue Date : 24-12-2022
ULR No : TC588522000009015F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-III Reactor Scrubber		
Sampling By	: Prashant Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 16-12-2022	Packing / Seal	: Sealed
Sample Received Date	: 17-12-2022	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 17-12-2022	Date of Completion	: 20-12-2022
Sampling Method	: WI/ST/A	Sample ID	: 1222/ST09015
Duration Sampling	: 60 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	10.0	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	15.2	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001037/22-	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-12-2022

Packing / Seal : Sealed

Sample Received Date : 17-12-2022

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-12-2022

Date of Completion : 20-12-2022

Sampling Method : WI/ST/A

Sample ID : 1222/ST09015

Duration Sampling : 60 min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	4.80	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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


CHECKED BY

Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588522000009016F	Issue Date : 24-12-2022
ULR No : TC588522000009016F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-12-2022	Packing / Seal : Sealed
Sample Received Date : 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-12-2022	Date of Completion : 20-12-2022
Sampling Method : WI/ST/A	Sample ID : 1222/ST09016
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	9.4	50	IS 11255 (Part-7):2005

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Sweety Patel
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Sweety Patel (Dy.TM)

C. R. Desai
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Test Report

Format No : QR/7.8/01	Test Report No : ETL/008246/22	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-12-2022	Packing / Seal : Sealed
Sample Received Date : 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-12-2022	Date of Completion : 20-12-2022
Sampling Method : WI/ST/A	Sample ID : 1222/ST09016
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.30	20	USEPA (Part-0050)

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

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC58852200009017F	Issue Date : 24-12-2022
ULR No : TC58852200009017F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-12-2022	Packing / Seal : Sealed
Sample Received Date : 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-12-2022	Date of Completion : 20-12-2022
Sampling Method : WI/ST/A	Sample ID : 1222/ST09017
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	16.3	40	IS 11255 (Part-6):1999 Clause 5

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C.A. Desai
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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001038/22-	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Pilot Plant Scrubber		
Sampling By	: Prashant Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 16-12-2022	Packing / Seal	: Sealed
Sample Received Date	: 17-12-2022	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 17-12-2022	Date of Completion	: 20-12-2022
Sampling Method	: WI/ST/A	Sample ID	: ETL/001038/22-
Duration Sampling	: 30 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	2.80	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/008248/22	Issue Date : 24-12-2022
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Phosphoric Acid Recovery Plant	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 16-12-2022	Packing / Seal : Sealed
Sample Received Date : 17-12-2022	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 17-12-2022	Date of Completion : 20-12-2022
Sampling Method : WI/ST/A	Sample ID : ETL/008248/22
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	2.10	20	USEPA (Part-0050)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000477F	Issue Date : 30-01-2023
ULR No : TC588523000000477F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Boiler (12 TPH)	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 18-01-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 19-01-2023	Date of Completion	: 23-01-2023
Date of Starting of Test	: 19-01-2023	Sample ID	: 0123/ST00477
Sampling Method	: WI/ST/A	Fuel	: NG
Duration Sampling	: 60 min		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	
2	Stack Diameter	m	1.00	-	
3	Flue Gas Temperature	°C	146	-	
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	19436	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	16.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	11.6	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	18.6	50	IS 11255 (Part-2):1985 IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000478F	Issue Date : 30-01-2023
ULR No : TC588523000000478F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No. -22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample	: Stack attached to D.G Set 320 KVA	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 18-01-2023	Packing / Seal : Sealed
Sample Received Date	: 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 19-01-2023	Date of Completion : 23-01-2023
Sampling Method	: WI/ST/A	Sample ID : 0123/ST00478
Duration Sampling	: 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	107	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	609	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	72.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	22.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	16.3	50	IS 11255 (Part-7):2005

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000479F	Issue Date : 30-01-2023
ULR No : TC588523000000479F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to D.G Set 625 KVA	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 18-01-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 19-01-2023	Date of Completion	: 23-01-2023
Date of Starting of Test	: 19-01-2023	Sample ID	: 0123/ST00479
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	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	110	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	655	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	80.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	23.5	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	16.4	50	IS 11255 (Part-7):2005

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000480F	Issue Date : 30-01-2023
ULR No : TC588523000000480F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 610 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00480
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	115	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	554	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	73.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	23.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	16.4	50	IS 11255 (Part-7):2005

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000481F	Issue Date : 30-01-2023
ULR No : TC588523000000481F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/ST00481
Sampling Method : WI/ST/A	Fuel : Natural Gas
Duration Sampling : 60 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	89	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8524	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	8.5	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	7.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	11.9	50	IS 11255 (Part-7):2005

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000482F	Issue Date : 30-01-2023
ULR No : TC588523000000482F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00482
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.4	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO _x)	ppm	12.5	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000429/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00482
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	2.20	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Chintan Desai (TM)

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3157 Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

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Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000483F	Issue Date : 30-01-2023
ULR No : TC588523000000483F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00483
Duration Sampling : 60 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	6.7	40	IS 11255 (Part 2):1985

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AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000430/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/ST00483
Sampling Method : W/ST/A	Fuel : --
Duration Sampling : 60 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.50	20	USEPA (Part-0050)

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000484F	Issue Date : 30-01-2023
ULR No : TC588523000000484F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00484
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	31.5	40	IS 11255 (Part-6):1999 Clause 5

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Sweety Patel
CHECKED BY

Sweety Patel (Dy. TM)

C. D. Desai
AUTHORISED SIGNATORY

Chintan Desai (TM)

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TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000485F	Issue Date : 30-01-2023
ULR No : TC588523000000485F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00485
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	Oxides of Nitrogen (as NO ₂)	ppm	5.7	50	IS 11255 (Part-7):2005

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Sweety Patel
CHECKED BY

Sweety Patel (Dy.TM)

Chintan Desai

AUTHORISED SIGNATORY

Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000648/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00485
Duration Sampling : 15 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.80	20	USEPA (Part-0050)

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Sweetie Patel
CHECKED BY

Sweetie Patel (Dy. TM)

Chintan Desai
AUTHORISED SIGNATORY
Chintan Desai (TM)

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*** End of Report ***

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Test Report

TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000000486F	Issue Date : 30-01-2023
ULR No : TC588523000000486F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample : Stack attached to Block-III Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/ST00486
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	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	11.8	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	19.3	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy. TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000433/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-III Reactor Scrubber	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sample
Date of Sampling	: 18-01-2023	Packing / Seal
Sample Received Date	: 19-01-2023	Protocol / Purpose
Date of Starting of Test	: 19-01-2023	Date of Completion
Sampling Method	: WI/ST/A	Sample ID
Duration Sampling	: 60 min	Fuel
		: -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.80	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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*** End of Report ***

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TC - 5885

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Test Report

Format No : QR/7,8/01	Test Report No : TC588523000000487F	Issue Date : 30-01-2023
ULR No : TC588523000000487F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/ST00487
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	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	15.0	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000013/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample : Stack attached to Block-VI Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : 0123/ST00487
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 60 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.60	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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TC - 5885

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000488F	Issue Date : 30-01-2023
ULR No : TC588523000000488F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharamlabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 18-01-2023	Packing / Seal : Sealed
Sample Received Date : 19-01-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 19-01-2023	Date of Completion : 23-01-2023
Sampling Method : WI/ST/A	Sample ID : 0123/ST00488
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	21.9	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000434/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Pilot Plant Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Nikunj Vaghasiya	Packing / Seal : Sealed
Date of Sampling : 18-01-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 19-01-2023	Date of Completion : 23-01-2023
Date of Starting of Test : 19-01-2023	Sample ID : ETL/000434/23-
Sampling Method : W/ST/A	Fuel : --
Duration Sampling : 30 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	3.10	20	USEPA (Part-0050)

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


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Chintan Desai (TM)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000435/23-	Issue Date : 30-01-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample	: Stack attached to Phosphoric Acid Plant	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Nikunj Vaghasiya	Packing / Seal	: Sealed
Date of Sampling	: 18-01-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 19-01-2023	Date of Completion	: 23-01-2023
Date of Starting of Test	: 19-01-2023	Sample ID	: ETL/000435/23-
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	5	-	
2	HCl	mg/Nm ³	2.80	20	USEPA (Part-0050)

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



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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000001412F	Issue Date : 25-02-2023
ULR No : TC588523000001412F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.


Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01412
Duration Sampling : 60 min	Fuel : NG

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	1.00	-	-
3	Flue Gas Temperature	°C	135	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	19979	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	11.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	8.7	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	15.7	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000001413F	Issue Date : 25-02-2023
ULR No : TC588523000001413F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 320 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01413
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	95	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	612	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	79.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	30.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	22.4	50	IS 11255 (Part-7):2005

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000001414F	Issue Date : 25-02-2023
ULR No : TC588523000001414F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 625 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01414
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	125	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	628	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	89.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	35.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	29.0	50	IS 11255 (Part-7):2005

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000001415F	Issue Date : 25-02-2023
ULR No : TC588523000001415F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 610 KVA	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01415
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	120	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	602	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	79.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	26.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.5	50	IS 11255 (Part-7):2005


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Format No : QR/7.8/01	Test Report No : TC588523000001416F	Issue Date : 25-02-2023
ULR No : TC588523000001416F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01416
Duration Sampling : 60 min	Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	95	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	9750	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	10.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	14.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	19.5	50	IS 11255 (Part-7):2005

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Format No : QR/7.8/01	Test Report No : TC588523000001417F	Issue Date : 25-02-2023
ULR No : TC588523000001417F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01417
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	5.9	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	17.2	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000037/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01417
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	1.80	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000001418F	Issue Date : 25-02-2023
ULR No : TC588523000001418F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01418
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.8	40	IS 11255 (Part 2):1985

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Test Report

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Format No : QR/7.8/01	Test Report No : ETL/000308/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01418
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.70	20	USEPA (Part-0050)

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Test Report


Format No : QR/7.8/01	Test Report No : TC588523000001419F	Issue Date : 25-02-2023
ULR No : TC588523000001419F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01419
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	26.7	40	IS 11255 (Part-6):1999 Clause 5

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Format No : QR/7.8/01	Test Report No : TC588523000001420F	Issue Date : 25-02-2023
ULR No : TC588523000001420F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01420
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	6.7	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000310/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01420
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.50	20	USEPA (Part-0050)

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000001421F	Issue Date : 25-02-2023
ULR No : TC588523000001421F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-III Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01421
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.8	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	13.3	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000311/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber
Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023 Packing / Seal : Sealed
Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023
Sampling Method : WI/ST/A Sample ID : 0223/ST01421
Duration Sampling : 60 min Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	4.50	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000001422F	Issue Date : 25-02-2023
ULR No : TC588523000001422F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti PharmaIabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01422
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	10.6	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001071/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01422
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.90	20	USEPA (Part-0050)

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000001423F	Issue Date : 25-02-2023
ULR No : TC588523000001423F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : 0223/ST01423
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	19.5	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000313/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023

Packing / Seal : Sealed

Sample Received Date : 18-02-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023

Date of Completion : 21-02-2023

Sampling Method : WI/ST/A

Sample ID : ETL/000313/23-

Duration Sampling : 30 min

Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	2.60	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001073/23-	Issue Date : 25-02-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.
--

Description of Sample : Stack attached to Phosphoric Acid Plant	
Sampling By : Nikunj Vaghasiya	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023	Packing / Seal : Sealed
Sample Received Date : 18-02-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023	Date of Completion : 21-02-2023
Sampling Method : WI/ST/A	Sample ID : ETL/001073/23-
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	HCl	mg/Nm ³	3.20	20	USEPA (Part-0050)

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Test Report



TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000002523F	Issue Date : 31-03-2023
ULR No : TC588523000002523F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023

Packing / Seal : Sealed

Sample Received Date : 24-03-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023

Date of Completion : 27-03-2023

Sampling Method : WI/ST/A

Sample ID : 0323/ST02523

Duration Sampling : 60 min

Fuel : NG

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	1.00	-	-
3	Flue Gas Temperature	°C	142	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.70	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	20983	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	14.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	5.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	11.0	50	IS 11255 (Part-7):2005

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Test Report



TC - 5885

Format No : QR/7.8/01	Test Report No : TC588523000002524F	Issue Date : 31-03-2023
ULR No : TC588523000002524F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to D.G Set 320 KVA		
Sampling By	: Prashant Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 23-03-2023	Packing / Seal	: Sealed
Sample Received Date	: 24-03-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 24-03-2023	Date of Completion	: 27-03-2023
Sampling Method	: WI/ST/A	Sample ID	: 0323/ST02524
Duration Sampling	: 60 min	Fuel	: Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	102	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	662	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	75.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	25.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.3	50	IS 11255 (Part-7):2005

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Format No : QR/7.8/01	Test Report No : TC588523000002525F	Issue Date : 31-03-2023
ULR No : TC588523000002525F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to D.G Set 625 KVA	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : 0323/ST02525
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	119	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	691	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	86.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	30.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	23.1	50	IS 11255 (Part-7):2005

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CHECKED BY
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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588523000002526F	Issue Date : 31-03-2023
ULR No : TC588523000002526F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA

Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : 0323/ST02526
Duration Sampling : 60 min	Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	117	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.70	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	633	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	70.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	20.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	13.5	50	IS 11255 (Part-7):2005

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000002527F	Issue Date : 31-03-2023
ULR No : TC588523000002527F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : 0323/ST02527
Duration Sampling : 60 min	Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	-
2	Stack Diameter	m	0.60	-	-
3	Flue Gas Temperature	°C	81	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8728	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	13.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	9.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	15.0	50	IS 11255 (Part-7):2005

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Test Report



TC - 5885


Format No : QR/7.8/01	Test Report No : TC588523000002528F	Issue Date : 31-03-2023
ULR No : TC588523000002528F	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : 0323/ST02528
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	7.7	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	12.3	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001847/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-II Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : W/ST/A	Sample ID : 0323/ST02528
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	2.50	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588523000002529F	Issue Date : 31-03-2023
ULR No : TC588523000002529F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-IV Reactor Scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Prashant Patel	Packing / Seal	: Sealed
Date of Sampling	: 23-03-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 24-03-2023	Date of Completion	: 27-03-2023
Date of Starting of Test	: 24-03-2023	Sample ID	: 0323/ST02529
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	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	10.5	40	IS 11255 (Part 2):1985

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Test Report

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Format No : QR/7.8/01.	Test Report No : ETL/001848/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-IV Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : 0323/ST02529
Duration Sampling : 60 min.	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.20	20	USEPA (Part-0050)

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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588523000002530F	Issue Date : 31-03-2023
ULR No : TC588523000002530F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : W/ST/A	Sample ID : 0323/ST02530
Duration Sampling : 15 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	Ammonia (as NH ₃)	mg/Nm ³	29.3	40	IS 11255 (Part-6):1999 Clause 5

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Test Report



TC - 5885

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Format No : QR/7.8/01	Test Report No : TC588523000002531F	Issue Date : 31-03-2023
ULR No : TC588523000002531F	Discipline : Chemical	Group : Atmospheric Pollution


Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 23-03-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 24-03-2023	Date of Completion : 27-03-2023
Date of Starting of Test : 24-03-2023	Sample ID : 0323/ST02531
Sampling Method : WI/ST/A	Fuel : -
Duration Sampling : 15 min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	8.4	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000597/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023

Packing / Seal : Sealed

Sample Received Date : 24-03-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023

Date of Completion : 27-03-2023

Sampling Method : WI/ST/A

Sample ID : 0323/ST02531

Duration Sampling : 15 min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.90	20	USEPA (Part-0050)

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Test Report



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Format No : QR/7.8/01	Test Report No : TC588523000002532F	Issue Date : 31-03-2023
ULR No : TC588523000002532F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 23-03-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 24-03-2023	Date of Completion : 27-03-2023
Date of Starting of Test : 24-03-2023	Sample ID : 0323/ST02532
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	5	-	-
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	6.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	17.5	50	IS 11255 (Part-7):2006

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000598/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-III Reactor Scrubber		
Sampling By	: Prashant Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 23-03-2023	Packing / Seal	: Sealed
Sample Received Date	: 24-03-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 24-03-2023	Date of Completion	: 27-03-2023
Sampling Method	: WI/ST/A	Sample ID	: 0323/ST02532
Duration Sampling	: 60 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	4.00	20	USEPA (Part-0050)
5	HBr	mg/Nm ³	BDL	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 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

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•QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCHEDULE II ENVIRONMENTAL AUDITOR
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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Test Report



TC - 5885

ENPRO
Environment,
Energy, Water
Project Consultant

Format No : QR/7.8/01	Test Report No : TC588523000002533F	Issue Date : 31-03-2023
ULR No : TC588523000002533F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharamlabs Limited Plot No. -22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Block-VI Reactor Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : W/ST/A	Sample ID : 0323/ST02533
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	8.8	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)

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Environmental Testing Laboratory

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000599/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber
Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023 Packing / Seal : Sealed
Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023
Sampling Method : WI/ST/A Sample ID : 0323/ST02533
Duration Sampling : 60 min Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	4.00	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

Test Report



TC - 5885

ENPRO
Environment,
Energy, Water
Project Consultant

Format No : QR/7.8/01	Test Report No : TC588523000002534F	Issue Date : 31-03-2023
ULR No : TC588523000002534F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited**
Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	: Stack attached to Block-II Reactor Scrubber		
Sampling By	: Prashant Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 23-03-2023	Packing / Seal	: Sealed
Sample Received Date	: 24-03-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 24-03-2023	Date of Completion	: 27-03-2023
Sampling Method	: W/ST/A	Sample ID	: 0323/ST02534
Duration Sampling	: 15 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH ₃)	mg/Nm ³	15.9	40	IS 11255 (Part-6):1999 Clause 5

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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Page 1 of 1

RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC. NABL ACCREDITED CALIBRATION LABORATORY

CET/NABET ACCREDITED EIA CONSULTANT ORGANIZATION GPCB APPROVED SHCHEDULE II ENVIRONMENTAL AUDITOR

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

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Environmental Testing Laboratory

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

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

Test Report

ENPRO
Environment,
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Project Consultant

Format No : QR/7.8/01	Test Report No : ETL/000601/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to Pilot Plant Scrubber	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : W/ST/A	Sample ID : ETL/000601/23-
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	2.90	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
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Page 1 of 1

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

Test Report

ENPRO
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Project Consultant

Format No : QR/7.8/01	Test Report No : ETL/000602/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.	
Description of Sample : Stack attached to phosphoric Acid Plant	
Sampling By : Prashant Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 23-03-2023	Packing / Seal : Sealed
Sample Received Date : 24-03-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023	Date of Completion : 27-03-2023
Sampling Method : WI/ST/A	Sample ID : ETL/000602/23-
Duration Sampling : 30 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	2.40	20	USEPA (Part-0050)

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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Page 1 of 1

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ETL222304

Annexure-X
Medical
Examination Report

Dr. AGRAWAL DIAGNOSTIC CENTRE
ALAKNANDA BUILDING D-3/304, LOKGRAM, Kalyan (E) - 421306. (Thane-M.S)

COMPANY : AARTI PHARMALABS LTD (CSD) DATE : 29\12\2022
 PHASE-I (VAPI) CODE : 55004677 QC

NAME : PINKESHEUMAR UTTAMBHATAGTEL 40 yrs. NO : 271
HEIGHT : 173 c.m. SEX : M WEIGHT: 74 kg.

Present Complaints: No complaints.

Past History : Non significant.

Personal History : Non significant.

Family History : Non significant.

GENERAL EXAMINATION :
Temp : Afebrile Pulse : 100/min Regular BP:130/80 mm of Hg.
Pallor, Icterus, Cyanosis, Clubbing : No

CARDIO VASCULAR SYSTEM : NAD (No abnormality is detected)

RESPIRATORY SYSTEM : NAD

ABDOMEN : NAD

Liver/Spleen/Kidney/Other palpable Mass/Any Tenderness : NAD

CNS : NAD

Orientation to time/ Place /Person, /Cerebellar sign/Others : NAD

Skin : NAD

EYES-"VISION TESTING"

Vision	Near	Far	GLASSES	N
Right	NS	6\6	GLASSES	N
Left	NS	6\6	GLASSES	N
Colour Vision :			Acceptable	

E.N.T. : NAD

OTHER FINDINGS : Nil

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : PINKESHKUMAR UTTAMBHAI PATEL

SR. NO : 271

X-RAY CHEST (DIGITAL) : No abnormality is detected.

O2 SATURATION (SPO2) : 98 % (NORMAL-MORE THAN 95%)


AUDIOMETRY :

Freq.KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB) :	25	20	25	30	25	20	30	40	45
Left (DB) :	20	25	20	25	20	20	25	30	35

DIAGNOSIS : Nad

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

TREATMENT ADVISED : Nil


DR. RAMESH H. AGRAWAL
(Industrial Physician.)
MBBS, DIH, AFIH.
Reg.No.MMC/61016.
Reg.No.AFIH/0292.

(CENTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

Dr. AGRAWAL DIAGNOSTIC CENTRE
ALAKHANDA BUILDING D-3/304, LOKGRAM, Kalyan (E) - 421306. (Thane-M.S)

COMPANY : AARTI PHARMALABS LTD (CSD) DATE : 29\12\2022
 : PHASE-I (VAPI) CODE : 56000319 RM STORES

NAME : PATEL NITIN BALUBHAI AGE : 30 yrs. NO : 235
HEIGHT : 170 c.m. SEX : M WEIGHT: 52 kg.

Present Complaints: No complaints.

Past History : Non significant.

Personal History : Non significant.

Family History : Non significant.

GENERAL EXAMINATION :
Temp : Afebrile Pulse : 90 /min Regular BP: 126/80 mm of Hg.
Pallor, Icterus, Cyanosis, Clubbing : No

CARDIO VASCULAR SYSTEM : NAD (No abnormality is detected)

RESPIRATORY SYSTEM : NAD

ABDOMEN : NAD

Liver/Spleen/Kidney/Other palpable Mass/Any Tenderness : NAD

CNS : NAD

Orientation to time/ Place /Person, /Cerebellar sign/Others : NAD

Skin : NAD

EYES-"VISION TESTING"

Vision	Near	Far	GLASSES	N
Right	NS	6\6	GLASSES	N
Left	NS	6\6	GLASSES	N
Colour Vision :			Acceptable	

E.N.T. : NAD

OTHER FINDINGS : Nil

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : PATEL NITIN BALUBHAI NO : 238

LABORATORY INVESTIGATIONS

HAEMATOLOGY :

PATIENT'S VALUE :

NORMAL RANGE

PATIENT'S VALUE	NORMAL RANGE
Total RBC Count : 5.00 millions	4 to 5 millions.
Total WBC Count : 9.300 Thousand	4 to 10 Thousand.
Total PLATELET : 2.95 LACS	1.5 to 4.5 LACS.
Haemoglobin : 15.40 gm %	14 to 16 gm% (M) 12 to 14 gm% (F)

Differential Count

Neutrophils : 59 %	45 to 65 %
Lymphocytes : 34 %	30 to 45 %
Monocytes : 3 %	01 to 04 %
Eosinophils : 4 %	1 to 3 %
Basophils : 0 %	0 to 1 %

ESR : 08 mm.
[Western Green Method]

0 to 10 mm. - Male
0 to 20 mm. - Female

BLOOD SUGAR : (GOD-POD)
RANDOM SAMPLE : 81 mg% (Normal Range: 70 - 160 mg %)

Sr creatine : 0.90 mg/dl (Normal Range: 0.6 To 1.4 mg/dl)
SGPT Test : 23 IU/ml (Normal Range : 5 to 35 IU/ml)

BLOOD GROUP : B+
EXT_TRST\COMMENT : No

URINE EXAMINATION :

PHYSICAL EXAMINATION :

Quantity : 15 c.c.	Deposit : No.
Colour : Pale	Reaction : acidic
Appearance : Clear	Specific Gravity: 1.014

CHEMICAL EXAMINATION

Albumin : Absent	Bile Salt : Absent
Sugar : Absent	Bile Pigment : Absent
Acetone : No.	Occult blood : Absent

MICROSCOPIC EXAMINATION

Epithelial Cells : Absent	Cast : Absent
Bacteria : 2-3	Crystals : Absent
RBC : Absent	Other Findings : Nil
Pus Cells : Absent	

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : PATEL NITIN BALUBHAI

SR. NO : 238

X-RAY CHEST (DIGITAL) : No abnormality is detected.

O2 SATURATION (SPO2) : 99 % (NORMAL-MORE THAN 95%)

AUDIOMETRY :

Freq.KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB) :	35	30	25	30	25	30	35	45	45
Left (DB) :	35	30	30	25	30	25	35	40	30

DIAGNOSIS : Nad

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

TREATMENT ADVISED : Nil

DR. RAMESH H. AGRAWAL
(Industrial Physician.)
MBBS, DIH, AFIH.
Reg.No.MMC/61016,
Reg.No.AFIH/0292.

(CENTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : AJIT BHAGAWAN POL

NO : 196

LABORATORY INVESTIGATIONS

HAEMATOLOGY :

PATIENT'S VALUE :

NORMAL RANGE

Total RBC Count	: 4.78	millions	4 to 5	millions.
Total WBC Count	: 7.700	Thousand	4 to 10	Thousand.
Total PLATELET	: 2.94	LACS	1.5 to 4.5	LACS.
Haemoglobin	: 14.30	gm %	14 to 16	gm% [M]
			12 to 14	gm% [F]

Differential Count

Neutrophils	: 51 %	45 to 65 %
Lymphocytes	: 42 %	30 to 45 %
Monocytes	: 3 %	01 to 04 %
Eosinophils	: 4 %	1 to 3 %
Basophils	: 0 %	0 to 1 %

ESR	: 10 mm.	0 to 10 mm. - Male
[Western Green Method]		0 to 20 mm. - Female

BLOOD SUGAR	: (GOD-POD)	
RANDOM SAMPLE	: 79 mg%	(Normal Range: 70 - 160 mg %)

Sr_creatine	: 0.91 mg/dl	(Normal Range: 0.6 To 1.4 mg/dl)
SGPT Test	: 30 IU/ml	(Normal Range : 5 to 35 IU/ml)

BLOOD GROUP	: A+
EXT_TEST\COMMENT	: No

URINE EXAMINATION :

PHYSICAL EXAMINATION :

Quantity	: 15 c.c.	Deposit	: No.
Colour	: Pale	Reaction	: acidic
Appearance	: Clear	Specific Gravity:	1.012

CHEMICAL EXAMINATION

Albumin	: Absent	Bile Salt	: Absent
Sugar	: Absent	Bile Pigment	: Absent
Acetone	: No.	Occult blood	: Absent

MICROSCOPIC EXAMINATION

Epithelial Cells	: Absent	Cast	: Absent
Bacteria	: Absent	Crystals	: Absent
RBC	: Absent	Other Findings	: Nil
Pus Cells	: Absent		

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : AJIT BHAGWAN POL

SR. NO : 196

X-RAY CHEST (DIGITAL) : No abnormality is detected.

O2 SATURATION (SPO2) : 99 % (NORMAL-MORE THAN 95%)

AUDIOMETRY

Freq.KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB):	20	25	25	20	25	25	20	15	30
Left (DB):	25	25	20	25	25	25	20	20	30

DIAGNOSIS : Nad

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

TREATMENT ADVISED : Nil

Agrawal

DR. RAMESH H. AGRAWAL
(Industrial Physician.)
MBBS, DII, AFIH.
Reg.No.MNC/61016.
Reg.No.AFII/0292.

(CENTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

Annexure-XI
EC Advertisement
Copy

all within two months.

Patil has a collection of about 5,000 toys dating from Harappan civilisation to Gupta period, Mughals and then the Maratha regions. "I had studied the science and technology of the toys of every era and learn how they changed over the centuries. It came in handy



gave basic lessons of mechanism to kids. Like toys with wheels or a rope that, when pulled, made an animal's tail or neck bob. The toys with jigsaw puzzles honed the thinking skills of kids," he said.

"My aim was to make eco-friendly toys that don't harm the kids as well as the environment. I plan to exhibit these toys in the coming months and would encourage parents to go for eco-friendly toys for their kids," he added.

hospital in Rajkot," Dinesh reportedly told media persons and the police on Friday.

"Mohit fell in love with Minakshi and both got married more than a year ago. However, for the last few days, Minakshi has been living with her parents in Ladhika near Rajkot and has filed an application against her husband with the

divorce," Bank added. He demanded that a complaint should be lodged against the woman, her family members and the police who forced his brother to take this extreme step.

Aji dam police has initiated a process to register statements in this case and will record Mohit's statement once he regains consciousness.

Aarti Industries Limited

(Custom Synthesis Division) Plot No. 22/C/1, 1st Phase, G.D.C. Estate Vapi 396195, Valsad, Gujarat.

Environmental Clearance

It is hereby informed that the State level Environment Impact Assessment Authority, Gandhinagar, Gujarat has accorded the Environment Clearance for setting up of expansion of the existing manufacturing of API & drugs intermediates by **M/s. Aarti Industries Ltd. (Custom Synthesis Division)**, Plot nos. 22/C/1 & 2, GIDC Estate, Phase I, Vapi, Taluka & District Valsad (Gujarat) vide File no: EIAA/GUJ/EC/5/(F) 874/2021, dated 17th June, 2021. A copy of the clearance letter is placed at the office of Gujarat Pollution Control Board (Vapi & Gandhinagar) and at the regional office of Ministry of Environment Forest and Climate Change, Bhopal. The environment clearance copy may also be seen at the website of SEIAA at <https://seiaa.gujarat.gov.in>

Sd/-
Aarti Industries Limited,
(Custom Synthesis Division)

No.8 having canal area with. Sq.Mts. 16-3,044 Sq.Ft. 1. 16-3,044 Sq.Ft. 175-43, Shop No.10 having canal area. Sq.Mts. 19-531 Sq.Ft. 214-41, Shop No.8. 225-64, Aggregate area with. Sq.mts. 209-901, building known as Trilokh situated on land with. Sq. yds. (Ganga Park of Havelock Society No.48 Patidar of Village Gujarat). Boundaries of Shop No.1 North - Shop No.2, (Shop No.2 North - Shop No.3, South - Shop No.3 North - Shop No.4, S.E. - Shop No.5 North - Road, South - Shop No.3, East - Shop No.5 North - Road, South - Shop No.3, East - Shop No.5, West - Shop No.10, East - Shop No.7, West - Shop No.10, East - Shop No.11, East - Shop No.11, East - Shop No.12, East - Shop No.12, East - Shop No.2, West - Passage (Others Property, East - Shop No.1 West - Passage.

PART-2

Services Solutions Company, 1/15, First Floor, Pooja Complex, Harbar Chowk, Alkal Gondalaya, Sh. Mr. Manojlal Vajirbhai Gondalaya, No. 1, Street No.40, Mahatma (Opp. Light Pappal, Gandhinagar, 130 feet Ring Road, Rajkot - 360 007 No.2) Mrs. Sangita or Manojlal Gondalaya, No.1, Street No.40, Mahatma Complex, 8th Year Complex, Chhapra, 130 feet Ring Road, Rajkot - 360 007, No.4) Mrs. Dimple Pratik Gondalaya, 6/1 No.41, Mahatma Complex, 8th Year Complex, Near Ramnath Chowk, Opp. Light Pappal.

(Rupees One Crore Thirty Seven Lakh Eighty Seven Thousand Two Hundred and twenty to be charged from 16-06-2021 plus other expenses, say offer due to the Bank

Immovable Properties to be our Bank	Reserve Price	Date & Time of Auction
M/s. Orange Services Solutions Company 1/15, First Floor, Pooja Complex, Harbar Chowk, Alkal Gondalaya, Sh. Mr. Manojlal Vajirbhai Gondalaya, No. 1, Street No.40, Mahatma (Opp. Light Pappal, Gandhinagar, 130 feet Ring Road, Rajkot - 360 007 No.2) Mrs. Sangita or Manojlal Gondalaya, No.1, Street No.40, Mahatma Complex, 8th Year Complex, Chhapra, 130 feet Ring Road, Rajkot - 360 007, No.4) Mrs. Dimple Pratik Gondalaya, 6/1 No.41, Mahatma Complex, 8th Year Complex, Near Ramnath Chowk, Opp. Light Pappal.	₹ 1,80,00,000/- (Rupees One Crore Eighty Lakh Only)	05-06-2021 at 02.00 p.m.
Mr. Rajesh Kumar Manojlal Gondalaya 1/15, First Floor, Pooja Complex, Harbar Chowk, Alkal Gondalaya, Sh. Mr. Manojlal Vajirbhai Gondalaya, No. 1, Street No.40, Mahatma (Opp. Light Pappal, Gandhinagar, 130 feet Ring Road, Rajkot - 360 007 No.2) Mrs. Sangita or Manojlal Gondalaya, No.1, Street No.40, Mahatma Complex, 8th Year Complex, Chhapra, 130 feet Ring Road, Rajkot - 360 007, No.4) Mrs. Dimple Pratik Gondalaya, 6/1 No.41, Mahatma Complex, 8th Year Complex, Near Ramnath Chowk, Opp. Light Pappal.	₹ 4,00,000/- (Rupees Four Lakh Only)	05-06-2021 at 02.00 p.m.

Bank Limited, Rajkot Branch, Ground Floor, Vankesh Plaza, Opp. Rajkumar College, - 360 005. Telephone No.0221-2482910/2482911, Cell No. 9378211900.

Notes:
Person for the auction and participate personally and give a declaration in writing to the (1) The intending bidder may obtain the Tender Form from the Manager, City Union Bank, 1st Phase, Opp. Rajkumar College, Dr.Radhakrishna Road, Rajkot - 360 005. (2) The (3) The Tender Form prescribed in sealed envelopes addressed to The Authorized Officer, Demand Draft for an EMD of 10% of the Reserve Price, down in favour of "City Union Bank & Co. or before 01.00 p.m. for PART - 2. (4) For inspection of the property and other (5) Telephone No.0221-2482910/2482911, Cell No. 9378211900. (6) The properties are between 10" to 15" wide. (7) The sealed Tenders will be opened in the presence of the & 02.00 p.m. for PART - 2. (8) Properties on the day of Tender-on-Auction Site hereby if closed Tenders, the Authorized Officer may, at his sole discretion, conduct an open auction or a bid higher than the one received in the closed tender process, and in such an event, the highest bid. The sale, however, is subject to confirmation of City Union Bank Limited, inclusive of EMD paid of sale amount immediately on completion of sale and the balance confirmation of sale, failing which the initial deposit of 25% shall be forfeited. (9) The Sale of successful purchaser only after receipt of the entire sale consideration and the seller shall bear the charges/fees payable to conveyance, such as stamp duty, registration fee, bidder should pay the station duty, overhead charges, electricity charges and other dues, etc. (10) The Authorized Officer shall have all the powers to do without assigning any reason whatsoever.

Authorized Officer
City Union Bank Ltd.

skonath, Tharpavur District, Tamil Nadu - 612 001, CN - 1691107N1904FLC001287, 02022, Fax : 0435-2631740, Website : www.cityunionbank.com

IDBI BANK

For immovable property

POSSESSION NOTICE

The undersigned being the authorized officer of the IDBI Bank Limited (IDBI), RD Office, Near Course Road, Valsada, under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 (SARFAESI Act, 2002) and in exercise of powers conferred under Section 13(1)(c) read with rule 3 of the Security Interest Enforcement Rules, 2002 issued a demand notice dated 17.06.2021 calling upon the borrower **M/s. Remark Floor Mills Private Limited** (Directors : Shri Piyushkumar K. Shah, Shri Kishor Manoj Shah, Shri. Dimple P. Shah Gole) and Securitator / Mortgagee Shri Piyushkumar K. Shah, Shri Kishor Manoj Shah, Shri. Dimple P. Shah Gole, East, Madhav Kishor Gole to repay the amount mentioned in the annexed copy No. 8,88,72,475/- (Rupees Eight Crore Fifty Three Lacs Seventy Two Thousand Four Hundred Seventy Five Only) with further interest as mentioned in the notice and incidental expenses, costs thereon, within 60 days from the date of receipt of the said notice.

The borrower / Securitator / Mortgagee having failed to repay the amount, notice is hereby given to the transferees / Guarantor / Mortgagee and the public in general that the undersigned has taken **PHYSICAL POSSESSION** of the property described herein below in exercise of powers conferred on him under Sub-Section (4) of Section 13 of Act read with rule 8 of the Security Interest Enforcement Rules 2002 and in compliance of D.M. Valadars order dated 28.12.2020 under Section 14 of the said Act on this 22nd day of June of the year 2021.

The transferee / Securitator / Mortgagee in particular and the public in general is hereby cautioned not to deal with the property and any dealings with the property will be subject to the charge of the IDBI Bank Limited (IDBI), Madhav Kishor Gole, Valadars for an amount Rs. 8,88,72,475/- (Rupees Eight Crore Fifty Three Lacs Seventy Two Thousand Four Hundred Seventy Five Only) with further interest as mentioned in the notice and incidental expenses, costs thereon. (Amount deposited after issuing of Demand Notice 12/2/2021 has been given effect).

"The Borrower's attention is invited to provision of sub-section (3) of section 13 of the Act, in respect of time available to redeem the secured assets."

DESCRIPTION OF THE IMMOVABLE PROPERTY

- All that piece and parcel of the property in the name of Smt. Manojlal Kishor Gole / Shah being Plot No. 8, Zone-3, Swardh Ceramic Estate, R.S.No. 8/1/1, 8/2 and 7/71 (Combine R.S. No. 8/1/1), Taluka No 22/1, Meesa Sankarda, GN N H No. 8, Taluka and District Valsada, Gujarat 391250, addressing Land 1150 Sq. Mts., construction 390-00 Sq. Mts., Taluka Valadars in the Registration Sub District Valsada Registration District Valsada in the state of Gujarat, bounded by - East - Plot No. 4, West - Estate Road, North - Plot No. 6, South - Estate Road.
- All that piece and parcel of the property in the name of Smt. Manojlal Kishor Gole / Shah being Plot No. 8, Zone-3, Swardh Ceramic Estate, R.S.No. 8/1/1, 8/2 and 7/71 (Combine R.S. No. 8/1/1), Taluka No 22/1, Meesa Sankarda, GN N H No. 8, Taluka and District Valsada, Gujarat 391250, addressing Land 1155 Sq. Mts., construction 397-43 Sq. Mts., Taluka Valadars in the Registration Sub District Valsada Registration District Valsada in the state of Gujarat, bounded by - East - Plot No. 4, West - Estate Road, North - Plot No. 7, South - Plot No. 5.
- All that piece and parcel of the property in the name of Smt. Piyushkumar Kishor Gole / Shah, Shri Kishor Manoj Shah, Shri. Dimple P. Shah Gole / Shah being Plot No. 21, Block No. 21, 8th, Jay Ambe Tower, Sankarda Main Road, Sankarda, Taluka and District Valsada, Gujarat 391250, addressing 1058 Sq. Mts., bearing S.No. 22/2, 24/2, Block No. 21 of Meesa Sankarda, Valsada, Taluka Valadars in the Registration Sub District Valsada Registration District Valsada in the state of Gujarat, bounded by - East - C.D. Company, West - Shankar Lal Bhambhani Land, North - Canal, South - Y.D.I. Company.

Date : 22.06.2021, Place : Sankarda, Authorized Officer, IDBI Bank Limited

કારોબારોની વલસાડ જિલ્લા કોંગ્રેસ પ્રમુખ દિનેશભાઈ બાણભાઈ પટેલની અધ્યક્ષતા હેઠળ એક બેઠકનું આયોજન

૨૦૨૨ માં વિધાનસભાની ચૂંટણી અંગે વિસ્તૃત કાર્પોર્સોની અને પદાધિકારીઓ તથા ચૂંટાયેલા પ્રતિનિધિઓ સાથે ચર્ચા વિચારણા

કારા હોસયો વધાવી કાર્પોર્સને આગમન વધાર્યો હતો

- અનુસંધાન પાના ૭ પર પહેલા પાનાનું ચાલુ..

વકસીનશન કરાવ્યું છે. જ મુજબ તાલુકાવાઈઠ વિગતો જોઈએ તો વલસાડ તાલુકામાં ૧,૬૩૦, વાપીમાં ૧,૮૨૦, પારડીમાં ૭૧૬,

દેહરીના દરિયા કિનારે મૃત હેલના અવશેષ તણાઈ આવ્યા



ઉમરગામ, તા. ૨૫ : ઉમરગામ તાલુકાના દેહરી દરિયાકિનારે પાલીખાડી નજીક મોટી ભરતીના પાણીમાં એક મૃત વહેલ માછલીનો શરીરના અવશેષો તણાઈને કિનારે આવતાં તેને જોવા મોટી સંખ્યામાં કિનારે રહેતા લોકોના ટોળા ઉમટી પડ્યા હતાં. તણાઈ આવેલ માછલીનો ભાગ

ખરેક કૂટ જેટલી લંબાઈ પણવતો હતો અને તદ્દન શાકાદિયા હતા જાણ વતાં જ વન વિભાગના કર્મચારીઓ દોડી આવ્યા હતા અને કિનારે જ ખાડો ખોદીને દાટી દેવામાં આવી હતી. જોડા કિવસો અગાઉ નારગોલ દરિયા કિનારેથી પણ વહેલ માછલીનો માથેથી અડધો ભાગ તણાઈને આવ્યો હતો.

વલસાડમાં ત્રીજી લહેર સંક્રમિત ન થાય તેના

વલસાડ, તા. ૨૫ : કોરોના મહામારીમાં બીજા વેવમાં અતિ ભયંકર પરિણામોનો સમગ્ર દેશ સામનો કરી રહ્યો છે, ત્યારે આગામી સંભવિત ત્રીજી લહેરમાં બાળકો સંક્રમિત ન થાય તેના આયોજન માટે મુજરાત રાજ્ય ભાજપ અધિકાર સંરક્ષણ આયોગ દ્વારા આયોજના સચિવ પી.બી. દડરની અધ્યક્ષતામાં મીટિંગ કમ સેમિનાર યોજાયો હતો.

આ બેઠકમાં સચિવશ્રીએ કોરોનાની આગામી ત્રીજી લહેરમાં જો બાળકો સંક્રમિત થાય તો તે બાળકોની સારવાર માટે તથા તેમના હોમ ક્વોરોન્ટાઇન માટે કઈ કઈ સ્વવસ્થાઓ કેવી રીતે બેઠકવામાં આવશે, તેના વિશે વિસ્તૃત માર્ગદર્શન આપ્યું હતું.

આ સેમિનારમાં આયોજના દિપકભાઈ જોષી અને શતાબ્દીબેન પંડેએ ઉપસ્થિત અધિકારીઓ અને પદાધિકારીઓને જરૂરી કિશ્કવ્યનો કથાં હતા તેમજ તમમ તાલુકા



પંચાયતના પ્રમુખ ઉપપ્રમુખઓની હાજરીમાં વલસાડ જિલ્લાના તાલુકા કક્ષાના તમમ અધિકારીઓ અને પદાધિકારીઓની સાથે સંકલન અને ચર્ચા કરવામાં આવી હતી.

આ કાર્યક્રમમાં જિલ્લા પંચાયતના પ્રમુખશ્રી અણાબેન એચ. સાહ, વલસાડ જિલ્લાના જિલ્લા પુરવઠા અધિકારીશ્રી વી.સી. આગુલ, જિલ્લા સમાજ સુરક્ષા અધિકારી બી.પી. મુક્તસમા, જિલ્લા બાળ સુરક્ષા અધિકારી કુ.જે.એમ. પંચાલ, જિલ્લા બાળ

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સર્વોચ્ચ પર્યાવરણીય મંજૂરી

આથી પણ ઘટનામાં સામે છે કે, રાજ્ય પર્યાવરણ અંતર એસોસિએટ અધિકાર, ગુજરાતએ મે/એસ. આરતી ઈન્ડસ્ટ્રીઝ લિમિટેડ (કરમ સિન્થેસિસ ડિવિઝન), ૨૨/સી/૧ અને ૨, હુમાઈડીસી એસ્ટેટ, પ્રથમ તબક્કો, વાપી તાલુકા અને જિલ્લા વલસાડ, ગુજરાતને દવાઓ મદ્યાર્થી અને વિશેષતઃના ટસાયલોન સુધિત દિવાદાનના વિસ્તરણ માટે પર્યાવરણ મંજૂરી ફાઈલ નં. SEIAVGUJEC/5(F)/B74/2021, તારીખ ૧૬ જુન, ૨૦૨૧ના રોજ માન્યતા આપી દીધી છે. મંજૂરી પત્રની નકલ ગુજરાત પ્રમુખ નિવંરણ બોર્ડ (વાપી અને ગોઈનગર) તથા પર્યાવરણ વન અને દવામાન પરિવર્તન મંત્રાલય, ભોવાલની ડેવેરી પર મુકવામાં આવેલ છે. મંજૂરી પત્રની નકલ રાજ્ય સારે પર્યાવરણ અંતર એસોસિએટ અધિકાર (SEIAA), ગુજરાતની વેબસાઈટ <https://seiaa.gujarat.gov.in> પર પણ જોઈ શકાયો.

સહી/-
આરતી ઈન્ડસ્ટ્રીઝ લિમિટેડ
(કરમ સિન્થેસિસ ડિવિઝન)

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Minimum 2 to 10 year experience

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Add. 46/6, Damanganga Ind. Park, Vapi.
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9924647991 / 9924789891

ફ્લેટ વેચવાનો છે

3BHK, ફુલ્લી ફર્નિચ્ડ,
હવા ઉપાસવાનો ફ્લેટ વેચવાનો છે.

જલાધામ એપાર્ટમેન્ટ,
જલારામ મંદિર પાસે, ને.હા.નં.૮, વાપી.

Mob. 98251 57344