

Date: 27/11/2023

To,

The Member Secretary,

Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10A,
Gandhinagar-382010.
GPCB ID: 22986

Subject: Half Yearly Environment Clearance Condition's Compliance Report for the period April' 2023 to September' 2023.

Ref: Environment Clearance letter no. SEIAA/GUJ/EC/5(F)/B74/2021 dated 17th June, 2021.

Respected Sir,

We are pleased to submit the Compliance Report (monitoring period April' 2023 to September' 2023.) as per condition no. 143 mentioned in environmental clearance letter no. SEIAA/GUJ/EC/5(F)/B74/2021 dated 17th June, 2021 for our project 'Expansion of Pharmaceutical/Drug, API & API Intermediate manufacturing unit by M/s. Aarti Pharamalabs 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 Pharamalabs Limited

A. M. N. N. N.
(Custom Synthesis Division)

Authorized Signatory

RECEIVED
Sign: *Q. P. H.*
Date: 29/11/2023
G.P.C. Board, VAPI.

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.aarti-pharmalabs.com | CIN : U24100GJ2019PLC110964 | E: info@arti-pharmalabs.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 47976666 F: +91 022 25653234

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 April. 2023 to Sept. 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.

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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 pucca 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="852 338 1399 736"> <thead> <tr> <th>Months</th> <th>Water Consumption (KL)</th> </tr> </thead> <tbody> <tr> <td>April-23</td> <td>7785</td> </tr> <tr> <td>May-23</td> <td>8044</td> </tr> <tr> <td>June-23</td> <td>8259</td> </tr> <tr> <td>July-23</td> <td>8253</td> </tr> <tr> <td>Aug-23</td> <td>8893</td> </tr> <tr> <td>Sept-23</td> <td>8354</td> </tr> </tbody> </table>	Months	Water Consumption (KL)	April-23	7785	May-23	8044	June-23	8259	July-23	8253	Aug-23	8893	Sept-23	8354							
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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="845 913 1399 1285"> <thead> <tr> <th>Months</th> <th>Effluent Generation(KL)</th> </tr> </thead> <tbody> <tr> <td>April-23</td> <td>5373.29</td> </tr> <tr> <td>May-23</td> <td>5169.78</td> </tr> <tr> <td>June-23</td> <td>5888.91</td> </tr> <tr> <td>July-23</td> <td>6536.68</td> </tr> <tr> <td>Aug-23</td> <td>6767.80</td> </tr> <tr> <td>Sept-23</td> <td>7179.36</td> </tr> </tbody> </table>	Months	Effluent Generation(KL)	April-23	5373.29	May-23	5169.78	June-23	5888.91	July-23	6536.68	Aug-23	6767.80	Sept-23	7179.36							
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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="852 1534 1399 1960"> <thead> <tr> <th>Months</th> <th>High COD/TDS (KL)</th> <th>Low COD/TDS (KL)</th> </tr> </thead> <tbody> <tr> <td>April-23</td> <td>2330.29</td> <td>3412</td> </tr> <tr> <td>May-23</td> <td>2327.78</td> <td>3410</td> </tr> <tr> <td>June-23</td> <td>2832.91</td> <td>3056</td> </tr> <tr> <td>July-23</td> <td>2670.68</td> <td>3866</td> </tr> <tr> <td>Aug-23</td> <td>2816.80</td> <td>3951</td> </tr> <tr> <td>Sept-23</td> <td>2605.36</td> <td>4574</td> </tr> </tbody> </table>	Months	High COD/TDS (KL)	Low COD/TDS (KL)	April-23	2330.29	3412	May-23	2327.78	3410	June-23	2832.91	3056	July-23	2670.68	3866	Aug-23	2816.80	3951	Sept-23	2605.36	4574
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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>April-23</td> <td>24.90</td> </tr> <tr> <td>May-23</td> <td>23.64</td> </tr> <tr> <td>June-23</td> <td>23.12</td> </tr> <tr> <td>July-23</td> <td>24.56</td> </tr> <tr> <td>Aug-23</td> <td>23.19</td> </tr> <tr> <td>Sept-23</td> <td>24.20</td> </tr> </tbody> </table>	Months	Avg. Sewage Generation(KLD)	April-23	24.90	May-23	23.64	June-23	23.12	July-23	24.56	Aug-23	23.19	Sept-23	24.20	
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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(April.23 to Sept.23)</th> </tr> </thead> <tbody> <tr> <td>Natural Gas</td> <td>368162 SCM</td> </tr> <tr> <td>Diesel</td> <td>4848 Lit</td> </tr> <tr> <td>Steam</td> <td>23482 MT</td> </tr> </tbody> </table>	Fuel Consumption(April.23 to Sept.23)		Natural Gas	368162 SCM	Diesel	4848 Lit	Steam	23482 MT							
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Sr.No	Source of emission With Capacity	Type of Fuel															
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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	
	1	Stack attached to Block - I reactor scrubber	HCl	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	
	3	Stack attached to Block - III reactor scrubber	SO2 HCl HBr NOx	
	4	Stack attached to Block - IV reactor scrubber	SO2 HCl	
	5	Stack attached to Block - V reactor scrubber	HCl NOx	
	6	Stack attached to Block - VI reactor scrubber	HCl NOx	
	7	Stack attached to Pilot Plant Scrubber	HCl	
	8	Stack attached to Block - II reactor scrubber	NH3	
	9	Stack attached to Block - V reactor scrubber	NH3	
	10	Stack attached to Block - I reactor scrubber	HCl	
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 .

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.

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>

M/s. Aarti Pharmed Labs 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.

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 (April. 23 to Sept-23)
	1	ETP Sludge	2000	1	ETP Sludge	73.03
	2	MEE Salt	5400	2	MEE Salt	232.14
	3	Spent Carbon	300	3	Spent Carbon	20.66
	4	Distillation residue	1043.76	4	Distillation residue	39.77
	5	Spent Solvent	5682.72	5	Spent Solvent	818.38
	6	Discarded containers/ bags	290	6	Discarded containers/ bags	46.71
	7	Used oil	82.00	7	Used oil	3.70
	8	Spent catalyst	68.64	8	Spent catalyst	17.272
	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 .			

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.

	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 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.

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.

	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 :	

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.

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.

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.

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.

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.

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.

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.

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. 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.

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.

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.

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.

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 Pharmed Labs 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 May 2023.
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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Fax : (079) 23232156

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/DIHL	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-glucano-1,5 lactone)	1
26	PR-184 (THF) (2,3,4,6-Tetrakis-O-trimethylsilyl-D-glucano-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-dihydropyridin2(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-fluoro4(methylcarbamoyl)phenyl)amin o] -2-methyl propanoic acid	1
51	(ENZ-IV) Methyl[4-cyano-3- (trifluoromethyl)phenyl] carbamodithioate	1
52	RIV0-3 (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.

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.

Outward No: 66007/22/04/2022

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 Connected to
GPCB

Aarti Pharmalabs Limited (Custom Synthesis Division)

Valsad, Gujarat DRUGS AND PHARMACEUTICALS

Data Last Received On 20, November, 2023	Configuration Updated On	Calibration of	CEMS 0	CEMS 1	AQMS 0	Total Sensors 1
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Live Readings

Emission Effluent Ambient

RI

Help

RO_Permeate

14.0 m³/hr

RO_Permeate - Flow

15 Min Avg: 13.96 m³/hr

Units: m³/hr Range: 0 - 20

Last Received: 3 minutes ago

Annexure-III

Ambient air

Monitoring



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000003177F	Issue Date : 22-04-2023
ULR No : TC588523000003177F	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 : 14-04-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 15-04-2023	Date of Completion : 17-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : 0423/AA03177
Sampling Method : WI/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
SW-->NE	Sunny	Max. : 37 Min. : 26

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/I)	EP/HOJ/HC-115/I	150802D020	29-04-2022	28-04-2023
Respirable Dust Sample (EP/HOJ/HC-116/J)	EP/HOJ/HC-116/J	150403D072	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	89.3	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	45.9	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	28.2	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	35.6	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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ETL232401



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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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000003178F	Issue Date : 22-04-2023
ULR No : TC588523000003178F	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 : 14-04-2023 Packing / Seal : Sealed
 Sample Received Date : 15-04-2023 Protocol / Purpose : Ambient Air Analysis
 Date of Starting of Test : 15-04-2023 Date of Completion : 17-04-2023
 Sampling Method : WI/AA/A Sample ID : 0423/AA03178
 Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
SW-->NE	Sunny	Max. : 37	Min. : 26

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/J)	EP/HOJ/HC-115/J	150802D022	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/K)	EP/HOJ/HC-116/K	190303U028	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	82.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	40.5	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	18.5	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	25.3	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)

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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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000004499F	Issue Date : 03-06-2023
ULR No : TC588523000004499F	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 : Vihang Patel

Date of Sampling : 26-05-2023

Sample Received Date : 27-05-2023

Date of Starting of Test : 27-05-2023

Sampling Method : WI/AA/A

Duration Sampling : 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Ambient Air Analysis

Date of Completion : 29-05-2023

Sample ID : 0523/AA04499

Atmospheric Condition

Wind Direction

Weather Condition

Temperature (°C)

SW-->NE

Sunny

Max. : 39

Min. : 27

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	25-04-2023	24-04-2024
Respirable Dust Sampler (EP/HOJ/HC-116/O)	EP/HOJ/HC-116/O	190303U030	25-04-2023	24-04-2024

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	48.4	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	25.3	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	32.5	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)

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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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000004500F	Issue Date : 03-06-2023
ULR No : TC588523000004500F	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		Qty / Nos of Sample : 1 / 1 No.
Sampling By : Vihang Patel		Packing / Seal : Sealed
Date of Sampling : 26-05-2023		Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 27-05-2023		Date of Completion : 29-05-2023
Date of Starting of Test : 27-05-2023		Sample ID : 0523/AA04500
Sampling Method : WI/AA/A		
Duration Sampling : 24 Hrs.		

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
SW-->NE	Sunny	Max. : 39 Min. : 27

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	25-04-2023	24-04-2024
Respirable Dust Sampler (EP/HOJ/HC-116/P)	EP/HOJ/HC-116/P	150403D003	25-04-2023	24-04-2024

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	88.6	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	12.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	20.4	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)

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ENPRO
Environment,
Energy, Water
Project Consultant

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000005417F	Issue Date : 28-06-2023
ULR No : TC588523000005417F	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 : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 21-06-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 22-06-2023	Date of Completion : 24-06-2023
Date of Starting of Test : 22-06-2023	Sample ID : 0623/AA05417
Sampling Method : W/AA/A	
Duration Sampling : 24 Hrs.	

Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
SW-->NE	Sunny	Max. : 37 Min. : 27

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sample (EP/HOJ/HC-115/T)	EP/HOJ/HC-115/T	201002136	25-04-2023	24-04-2024
Respirable Dust Sampler (EP/HOJ/HC-122)	EP/HOJ/HC-122	DEES.RDS.004	15-08-2022	14-08-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	83.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	40.1	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	20.5	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	27.7	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
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY
Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1



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Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000005418F	Issue Date : 28-06-2023
ULR No : TC588523000005418F	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		Qty / Nos of Sample : 1 / 1 No.
Sampling By : Vihang Patel	Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Date of Starting of Test : 22-06-2023	Protocol / Purpose : Ambient Air Analysis
Sampling Method : W/AA/A	Duration Sampling : 24 Hrs.	Date of Completion : 24-06-2023
		Sample ID : 0623/AA05418

Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
SW->NE	Sunny	Max. : 37 Min. : 27

DETAILS OF INSTRUMENT USED FOR MONITORING


Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-120)	EP/HOJ/HC-120	DEES.FPS.012	15-08-2022	14-08-2023
Respirable Dust Sampler (EP/HOJ/HC-123)	EP/HOJ/HC-123	DEES.RDS.005	15-08-2022	14-08-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	76.7	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	36.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	15.5	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	24.2	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)

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Page 1 of 1

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000006124F	Issue Date : 24-07-2023
ULR No : TC588523000006124F	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 : Near DG Area	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 14-07-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 15-07-2023	Date of Completion : 17-07-2023
Date of Starting of Test : 15-07-2023	Sample ID : 0723/AA06124
Sampling Method : WI/AA/A	
Duration Sampling : 24Hrs.	

Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
SW-->NE	Cloudy	Max. : 29 Min. : 25

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sample (EP/HOJ/HC-115/T)	EP/HOJ/HC-115/T	201002136	25-04-2023	24-04-2024
Respirable Dust Sampler (EP/HOJ/HC-122)	ER/HOJ/HC-122	DEES.RDS.004	15-08-2022	14-08-2023

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	66.3	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	36.6	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)

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*** End of Report ***

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Test Report

Format No : QR/7.8/02	Test Report No : TC588523000006125F	Issue Date : 24-07-2023
ULR No : TC588523000006125F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Ambient Air Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/AA/A	Sample ID : 0723/AA06125
Duration Sampling : 24Hrs.	


Atmospheric Condition		
Wind Direction	Weather Condition	Temperature (°C)
SW-->NE	Cloudy	Max. : 29 Min. : 25

DETAILS OF INSTRUMENT USED FOR MONITORING				
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HG-120)	EP/HOJ/HG-120	DEES:FPS.012	15-08-2022	14-08-2023
Respirable Dust Sampler (EP/HOJ/HG-123)	EP/HOJ/HG-123	DEES.RDS.005	15-08-2022	14-08-2023

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	60.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	31.6	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	10.4	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	16.8	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)


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000007075F	Issue Date : 28-08-2023
ULR No : TC588523000007075F	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 : Near DG Area	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Ambient Air Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/AA07075
Sampling Method : WI/AAA	
Duration Sampling : 24Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)
SW->NE	Cloudy	Max. : 32 Min. : 25

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-29)	EP/HOJ/HC-29	DEES.FDS.002	05-05-2023	04-05-2024
Respirable Dust Sampler (EP/HOJ/HC-41/F)	EP/HOJ/HC-41/F	2609-DTH-2019	25-02-2023	24-02-2024

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	69.5	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	39.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	15.1	80	IS 5182 (Part 2/Sec 1):2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	21.3	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

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000007076F	Issue Date : 28-08-2023
ULR No : TC588523000007076F	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 : Near ETP Outlet tank ST-01	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Ambient Air Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/AA/A	Sample ID : 0823/AA07076
Duration Sampling : 24Hrs.	

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
SW-->NE	Cloudy	Max. : 32	Min. : 25

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/E)	EP/HOJ/HC-115/E	190202U001	24-04-2023	23-04-2024
Respirable Dust Sampler (EP/HOJ/HC-116/F)	EP/HOJ/HC-116/F	150403D040	24-04-2023	23-04-2024

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	63.8	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	34.2	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	20.1	80	IS 5182 (Part 2/Sec 1):2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	26.3	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)


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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000007786F	Issue Date : 22-09-2023
ULR No : TC588523000007786F	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 : Near DG Area

Sampling By : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 15-09-2023

Sampling Method : WI/AA/A

Sample ID : 0923/AA07786

Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
SW-->NE	Cloudy	Max. : 33	Min. : 27

DETAILS OF INSTRUMENT USED FOR MONITORING

Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-29)	EP/HOJ/HC-29	DEES.FDS.002	05-05-2023	04-05-2024
Respirable Dust Sampler (EP/HOJ/HC-41/F)	EP/HOJ/HC-41/F	2609-DTH-2019	25-02-2023	24-02-2024

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	73.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	42.5	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	22.6	80	IS 5182 (Part 2/Sec 1):2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	29.1	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

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/02	Test Report No : TC588523000007787F	Issue Date : 22-09-2023
ULR No : TC588523000007787F	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 : Near ETP Outlet tank ST-01

Sampling By : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 15-09-2023

Sampling Method : WI/AA/A

Sample ID : 0923/AA07787

Duration Sampling : 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temperature (°C)	
SW-->NE	Cloudy	Max. : 33	Min. : 27

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/E)	EP/HOJ/HC-115/E	190202U001	24-04-2023	23-04-2024
Respirable Dust Sampler (EP/HOJ/HC-116/F)	EP/HOJ/HC-116/F	150403D040	24-04-2023	23-04-2024

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m ³	67.3	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m ³	39.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	12.6	80	IS 5182 (Part 2/Sec 1):2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	20.8	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)

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CHECKED BY
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*** End of Report ***

Page 1 of 1

Annexure-IV
EMS Adequacy
Monitoring
Report

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	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	
Wind Speed (Km/Hr) : 16.2		

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


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(AUTHORIZED SIGNATORY)



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

TEST REPORT
AMBIENT AIR ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC86262200000574F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/701
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-22-144	
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.

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.....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.

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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/2022/703
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


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.....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.

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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/2022/704a
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 : 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.

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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.

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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/2022/705a
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.

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/2022/707a
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.

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/2022/708
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	NH ₃ (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.

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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.

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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.

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.....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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.....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.

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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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GPCB Approved Schedule-II Environmental Auditor

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ECS

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC86262200000581F
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 RPORT
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.) 4500NH3-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 SO4-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 REPORT
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

ECO-CLEAN Consulting Services

Laboratory Testing

GPCB Approved Schedule-II Environmental Auditor

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20-21, 2nd Floor, Surat-Navsari Main Road,
Near Dena Bank, Bhestan Char Rasta,
Bhestan, Surat-395023, (Gujarat) INDIA.

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	Pl.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



.....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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(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/2022/719
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.

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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/2022/720
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)	$\mu\text{g}/\text{m}^3$	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	Quantity/ No. of Sample : 01 no. of Filter Paper	
Wind Speed (Km/Hr) : 16.1		

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.

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/2022/722
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.

FOR ECO-CLEAN CONSULTING SERVICES



M. G. SHAIKH
(AUTHORIZED SIGNATORY)

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

TEST REPORT
VOC LEVEL MONITORING 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.	Test Report No. : ECS/2022/723 Issue Date : 24/09/2022 Report Page (s) : 1 of 1
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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
GIDC 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

Workplace

Monitoring



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

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: 12 / 04 / 23
Sampling Duration : 8 Hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02	60	63	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol			35							
01.	First Floor	Acetone	Benzene Sampler	02	39	37	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol			08							
01.	Second Floor	Acetone	Handy Sampler	02	07	09	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Methanol			N.T.							
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T.	N.T.	1 ppm					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. S. Patel
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

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: **12 / 04 / 23** Sampling Duration : **8 Hrs.(09:25 AM to 05:25 PM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02	13	15	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	P.M.R	PIYUSH RATHOD
				17								
02.		Ethyl Acetate		02	10	8.0	150 ppm					
					6.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	P.M.R	PIYUSH RATHOD
				N.T.								
02.		Ethyl Acetate		02	N.T.	N.T.	150 ppm					
					N.T.							

Note : N.T. --Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. S. Doshi
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

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

3. Particulars of sampling: **SRP Plant**, Date: **12 / 04 / 23** Sampling Duration : **8 hrs.(05:20 PM to 01:20 AM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02.	72	75	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--	<i>Patel P.A.</i>	PRASHANT PATEL
		78										
02.		Methanol		02.	49	46	200 ppm					
				43								
03.		Acetone		02.	30	33	250 ppm					
					36							
01.	First Floor	Ethyl Acetate	Handy Sampler	02.	21	23	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>Patel P.A.</i>	PRASHANT PATEL
		25										
02.		Methanol		02.	19	16	200 ppm					
				13								
03.		Acetone		02.	13	11	250 ppm					
					09							

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Patel
Authorized Signatory

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

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

3. Particulars of sampling: **Block-4**, Date: **12 / 04 / 23** Sampling Duration : **8 hrs. .(05:20 PM to 01:20 AM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/WP04

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	Handy Sampler	02	44	40	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	V. M. Patel	VIRANG PATEL
02.		Methanol			47							
01.	First Floor	Acetone	Handy Sampler	02	16	17	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	V. M. Patel	VIRANG PATEL
02.		Methanol			N.T.							
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	V. M. Patel	VIRANG PATEL
02.		Methanol			N.T.							
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	V. M. Patel	VIRANG PATEL
02.		Methanol			N.T.							

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.

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: **13 / 04 / 23** Sampling Duration : **8 hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	Benzene Sampler	02	13	15	150 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	---	<i>V.M. Patel</i>	VHANG PATEL
		17										
02.		Acetone		02	12	10						
	08											
03.	Methanol	02	13	15	200 ppm							
	17											
01.	First Floor	Ethyl Acetate	Benzene Sampler	02		N.T.	N.T.	150 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	3	---	<i>V.M. Patel</i>
		N.T.										
02.		Acetone		02	10	13	250 ppm					
	16											
03.	Methanol	02	10	11	200 ppm							
	12											
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02		N.T.	N.T.	150 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	1	---	<i>V.M. Patel</i>
		N.T.										
02.		Acetone		02	N.T.	N.T.	250 ppm					
	N.T.											
03.	Methanol	02	N.T.	N.T.	200 ppm							
	N.T.											

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C.A. Daga
Authorized Signatory

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

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: **13 / 04 / 23** Sampling Duration : **8 hrs. (09:15 AM to 05:15 PM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02	NT	NT	20 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	---	Patel P.A.	PRASHANT PATEL
02.		NT										
03.		Ammonia		02	12.5	11.7	20 ppm					
04.		Toluene			10.9		200 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	4	---	Patel P.A.	PRASHANT PATEL
02.		Ammonia			11.2							
03.		Toluene		02	9.0	NT	20 ppm					
04.		Methanol			12		14					
		16										
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	---	Patel P.A.	PRASHANT PATEL
02.		Ammonia			4.3							
03.		Toluene		02	4.9	NT	20 ppm					
04.		Methanol			NT		NT					
		NT										

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd

C. K. 2023
Authorized Signatory

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

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: **13 / 04 / 23** Sampling Duration : **8 hrs.(05:15 PM to 01:15 AM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	Patel P. A.	PRASHANT PATEL
		NT										
02.		Toluene		02	9.0	11	20 ppm					
		13										
03.	Methanol	02	35	32	200 ppm							
	29											
04.	Chloroform	02	NT	NT	2 ppm							
	NT											
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	Patel P. A.	PRASHANT PATEL	
		NT										
02.		Toluene		02	NT	NT						20 ppm
		NT										
03.	Methanol	02	21	19	200 ppm							
	17											
04.	Chloroform	02	NT	NT	2 ppm							
	NT											
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	Patel P. A.	PRASHANT PATEL	
		NT										
02.		Toluene		02	NT	NT						20 ppm
		NT										
03.	Methanol	02	NT	NT	200 ppm							
	NT											
04.	Chloroform	02	NT	NT	2 ppm							
	NT											

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd

C. A. Desai
Authorized Signatory

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

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: **13 / 04 / 23** Sampling Duration : **8 hrs. (05:15 PM to 01:15 AM)**

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02	NT	NT	1 mg/m ³	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>V. M. Patel</i>	VIHANG PATEL
					NT							
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.068	0.066	0.1 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
					0.064							
03.	Near HCl Tank	HCl	Handy Sampler	02	1.2	1.4	5 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
					1.6							
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	5.0	4.8	25 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
					4.6							

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. A. Desai
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Gate No. 3,
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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) (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: **14 / 04 / 23**

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

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	Benzene Sampler	02	0.020	0.022	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	<i>Prashant Patel</i>	PRASHANT PATEL
		0.024										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											
01.	Second Floor	Bromine	Benzene Sampler	02	0.014	0.014	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Prashant Patel</i>	PRASHANT PATEL
		0.014										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Doshi
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

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: **14 / 04 / 23**

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

ISSUE DATE	22 / 04 / 23
REF. NO.	EP/AILCS/0423/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	02	NT	NT	0.1 ppm	SOP No.- WL/AA/14-01 Ref: IS-5182 P-11:2006	3	-	P.M.R	PIYUSH RATHOD
		NT										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Doshi
Authorized Signatory

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



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

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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 / 05 / 23**

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

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	53	55	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	2	--	V. M. Patel	VIHANG PATEL
02.		Methanol		02	19		200 ppm					
					21							
01.	First Floor	Acetone	Benzene Sampler	02	33	31	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	3	--	V. M. Patel	VIHANG PATEL
02.		Methanol		02	20		18					
					16							
01.	Second Floor	Acetone	Handy Sampler	02	11	12	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	4	--	V. M. Patel	VIHANG PATEL
02.		Methanol		02	N.T.		N.T.					
					N.T.							
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T.	N.T.	1 ppm					

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. P. Ga.
Authorized Signatory

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

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

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

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



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

3. Particulars of sampling: **Block -2**, Date: **24 / 05 / 23** Sampling Duration : **8 Hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	18	20	200 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>Refer P.A</i>	PRASHANT PATEL
02.		Ethyl Acetate			5.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Refer P.A</i>	PRASHANT PATEL
02.		Ethyl Acetate			N.T.							

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. P. Daga
Authorized Signatory

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ENPRO Enviro Tech and Engineers Pvt. Ltd.

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

3. Particulars of sampling: **SRP Plant**, Date: **24 / 05 / 23** Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	67	65	150 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	—	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol			52							
03.		Acetone		23	18	21	250 ppm					
01.	First Floor	Ethyl Acetate	Handy Sampler	02	18	19	150 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	—	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol			13							
03.		Acetone		08	04	06	250 ppm					

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Dasa
Authorized Signatory

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

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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



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 / 05 / 23** Sampling Duration : **8 hrs. .(05:10 PM to 01:10 AM)**

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	Handy Sampler	02	33	30	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--	Prashant P. A.	PRASHANT PATEL
02.		Methanol			41							
01.	First Floor	Acetone	Handy Sampler	02	10	12	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--		
02.		Methanol			N.T.							
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	--		
02.		Methanol			N.T.							
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	5	--		
02.		Methanol			N.T.							

Note : N.T. -Not Traceable

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C.A.D.R.A.
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).

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 / 05 / 23** Sampling Duration : **8 hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	Benzene Sampler	02	06	08	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>Y. M. Patel</i>	YIHANG PATEL
02.		Acetone			02							
03.		Methanol		02		20	19					
01.	First Floor	Ethyl Acetate	Benzene Sampler		02	N.T.		N.T.	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2		
02.		Acetone		02		08	09					
03.		Methanol			02	16		14				
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02		N.T.	N.T.		SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3		
02.		Acetone			02	N.T.		N.T.				
03.		Methanol		02		NT	NT					

Note: N.T. - Not Traceable.

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C. P. Desai
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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: **25 / 05 / 23**

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

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammonia			NT							
03.		Toluene		7.5 9.1	8.3	20 ppm						
04.		Methanol		14 18	16	200 ppm						
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>Patel P.A.</i>	PRASHANT PATEL
02.		Ammonia			8.2 7.0							
03.		Toluene		NT	NT	20 ppm						
04.		Methanol		16 14	15	200 ppm						
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Ammonia			4.0 3.6							
03.		Toluene		NT	NT	20 ppm						
04.		Methanol		NT	NT	200 ppm						

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 / 05 / 23**

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

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Toluene		02	14	16	20 ppm					
03.		Methanol		02	33	36	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>V. M. Patel</i>	VIHANG PATEL
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	13	11	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	NT	NT	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					

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: **25 / 05 / 23** Sampling Duration : **8 hrs. (05:20 PM to 01:20 AM)**

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	NT NT	NT	1 mg/m ³	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	--	<i>Patel P. A</i>	PRASHANT PATEL
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.058 0.054	0.056	0.1 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	--		
03.	Near HCl Tank	HCl	Handy Sampler	02	1.8 1.4	1.6	5 ppm	USEPA	2	--		
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	5.5 5.1	5.3	25 ppm	Ref: IS-5182	2	--		

Note : N.T. -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 _ 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: **26 / 05 / 23**

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

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	Benzene Sampler	02	0.025	0.025	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-	<i>V. M. Patel</i>	VIHANG PATEL
		0.025										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											
01.	Second Floor	Bromine	Benzene Sampler	02	0.020	0.019	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>V. M. Patel</i>	VIHANG PATEL
		0.018										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

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V. M. Patel
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).

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: **26 / 05 / 23**

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

ISSUE DATE	03 / 06 / 23
REF. NO.	EP/AILCS/0523/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	02	NT	NT	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-	<i>P. A.</i>	PRASHANT PATEL
		NT										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

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 Pharamalabs 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: 19 / 06 / 23

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

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	02	55	52	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	P.M.R	PIYUSH RATHOD
02.		Methanol			27							
01.	First Floor	Acetone	Benzene Sampler	02	25	26	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	P.M.R	PIYUSH RATHOD
02.		Methanol			17							
01.	Second Floor	Acetone	Handy Sampler	02	05	07	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-	P.M.R	PIYUSH RATHOD
02.		Methanol			N.T.							
03.	Second Floor (Near Phionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T	N.T	1 ppm	P-11:2006			P.M.R	PIYUSH RATHOD

Note : N.T. -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 Pharamalabs 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 / 06 / 23** Sampling Duration : **8 Hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/WP02

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	Methanol	Handy Sampler	02	14	12	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>V.M. Patel</i>	VIHANG PATEL
02.		Ethyl Acetate			9.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>V.M. Patel</i>	VIHANG PATEL
02.		Ethyl Acetate			N.T.							

Note : N.T. -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) (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: **19 / 06 / 23** Sampling Duration : 8 hrs.(05:25 PM to 01:25 AM)

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	02	73	70	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-	<i>P.M.R</i>	PIYUSH RATHOD
02.		Methanol			67							
03.		Acetone		02	45	25	250 ppm					
		41										
					22							
					28							
01.	First Floor	Ethyl Acetate	Handy Sampler	02	10	13	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-	<i>P.M.R</i>	PIYUSH RATHOD
02.		Methanol			16							
03.		Acetone		02	20	09	250 ppm					
		16										
					11							
					07							

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

3. Particulars of sampling: **Block-4**, Date: **19 / 06 / 23** Sampling Duration : 8 hrs. (05:25 PM to 01:25 AM)

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/WP04

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	Handy Sampler	02	43	45	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Methanol			47							
01.	First Floor	Acetone	Handy Sampler	02	08	10	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol			N.T.							
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol			N.T.							
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Methanol			N.T.							

N. M. Patel

VIHANG PATEL

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. DCC
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
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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: – and finished products: – involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **20 / 06 / 23** Sampling Duration : **8 hrs.(09:10 AM to 05:10 PM)**

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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								
01.	Ground Floor	Ethyl Acetate	Benzene Sampler	02	11	13	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	P.M.R	PIYUSH RATHOD		
02.		15												
03.		20												
		Acetone		02	14	17	250 ppm							
		Methanol		02	11	12	200 ppm							
					13									
01.	First Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---				
02.		N.T.												
03.		13												
		Acetone		02	09	11	250 ppm							
		Methanol		02	11	09	200 ppm							
					07									
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---				
02.		N.T.												
03.		N.T.												
		Acetone		02	N.T.	N.T.	250 ppm							
		Methanol		02	NT	NT	200 ppm							
					N.T.									

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. D. Co.:
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).

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: **MES-II** involving in the process.

3. Particulars of sampling: **Block-5,** Date: **20/06/23** Sampling Duration : **8 hrs. (09:10 AM to 05:10 PM)**

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Ammونيا		02	NT	NT	25 ppm					
03.		Toluene		02	11.3 9.7	10.5	20 ppm					
04.		Methanol		02	12 08	10	200 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammونيا		02	13.1 11.7	12.4	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	10 16	13	200 ppm					
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Ammونيا		02	6.1 4.5	5.3	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	NT	NT	200 ppm					

V. M. Patel

VIHANG PATEL

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. P. Dooa
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).

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 / 06 / 23**

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

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Toluene		02	10	13	20 ppm					
03.		Methanol		02	27	26	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	P.M.P.	PIYUSH RATHOD
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	12	14	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	NT	NT	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. P. Desai
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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: **20 / 06 / 23** Sampling Duration : **8 hrs. (05:05 PM to 01:05 AM)**

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	02	NT	NT	1 mg/m ³	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>V. M. Patel</i>	VIRANG PATEL
					NT							
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.060	0.062	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
					0.064							
03.	Near HCl Tank	HCl	Handy Sampler	02	1.1	1.2	5 ppm	USEPA	1	---		
					1.3							
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	5.4	5.6	25 ppm	Ref: IS-5182	4	---		
					5.8							

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. R. Dasa
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 = 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 / 06 / 23** Sampling Duration : **8 hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	Benzene Sampler	02	0.029	0.028	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>R.M.R.</i>	PIYUSH RATHOD
02.					0.027							
03.		MTBE		NT	NT	50 ppm						
04.				NT								
05.		Toluene		NT	NT	20 ppm						
06.				NT								
01.	Second Floor	Bromine	Benzene Sampler	02	0.010	0.012	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-	<i>R.M.R.</i>	PIYUSH RATHOD
02.					0.014							
03.		MTBE		NT	NT	50 ppm						
04.				NT								
05.		Toluene		NT	NT	20 ppm						
06.				NT								
01.	Methanol	NT	NT	200 ppm								
02.		NT										
03.	Acetone	NT	NT	250 ppm								
04.		NT										
05.	Ethyl Acetate	NT	NT	150 ppm								
06.		NT										

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. P. 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).

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

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

Date: **21 / 06 / 23**

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

ISSUE DATE	28 / 06 / 23
REF. NO.	EP/AILCS/0623/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	02	NT	NT	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>V. M. Patel</i>	VIHANG PATEL
		NT										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

V. M. Patel
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 -- **Acetone, Methanol**, by-products: -- and finished products: **ZN- VII** involving in the process.

3. Particulars of sampling: **Block-3 (FDP-II & FDP III)**, Date: 12 / 07 / 23
Sampling Duration : 8 Hrs.(09:10 AM to 05:10 PM)

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	02	60	58	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	3	---	V.M. Patel	VIHANG PATEL
02.		Methanol			02							
01.	First Floor	Acetone	Benzene Sampler	02	31	34	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	5	---	V.M. Patel	VIHANG PATEL
02.		Methanol			02							
01.	Second Floor	Acetone	Handy Sampler	02	10	9.0	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	1	---	V.M. Patel	VIHANG PATEL
02.		Methanol			02							
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T.	N.T.	1 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	1	---	V.M. Patel	VIHANG PATEL

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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).

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: **12 / 07 / 23** Sampling Duration : **8 Hrs.(09:10 AM to 05:10 PM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/WP02

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	Methanol	Handy Sampler	02	20	16	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-	P.M.R	PIYUSH RATHOD
		12										
02.		Ethyl Acetate		02	3.0	5.0	150 ppm					
					7.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	-	P.M.R	PIYUSH RATHOD
		N.T.										
02.		Ethyl Acetate		02	N.T.	N.T.	150 ppm					
					N.T.							

Note : N.T. -Not Traceable

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

3. Particulars of sampling: **SRP Plant**, Date: **12 / 07 / 23** Sampling Duration : **8 hrs.(05:15 PM to 01:15 AM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	02	65	63	150 ppm	SOP No.- WEAA/14-01 Ref: IS-5182 P-11:2006	2	--	V. N. Patel	VIHANG PATEL
02.		Methanol			50							
03.		Acetone		31	30	250 ppm						
01.	First Floor	Ethyl Acetate	Handy Sampler	02	20	22	150 ppm	SOP No.- WEAA/14-01 Ref: IS-5182 P-11:2006	4	--	V. N. Patel	VIHANG PATEL
02.		Methanol			10							
03.		Acetone		14	12	250 ppm						
					29							

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


3. Particulars of sampling: **Block-4**, Date: **12 / 07 / 23** Sampling Duration : **8 hrs. (05:15 PM to 01:15 AM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	Handy Sampler	02	33	35	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol			40							
01.	First Floor	Acetone	Handy Sampler	02	16	15	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Methanol			N.T.							
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	P.M.R	PIYUSH RATHOD
02.		Methanol			N.T.							
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol			N.T.							

Note : N.T. -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 = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: **MEE Plant**, Date: **13 / 07 / 23** Sampling Duration : **8 hrs.(09:25 AM to 05:25 PM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	Benzene Sampler	02	11	10	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	V.M. Patel	VHANG PATEL
02.		Acetone			9.0							
03.		Methanol		13	11	250 ppm						
01.	First Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	V.M. Patel	VHANG PATEL
02.		Acetone			10							
03.		Methanol		15	12	200 ppm						
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	V.M. Patel	VHANG PATEL
02.		Acetone			N.T.							
03.		Methanol		N.T.	N.T.	200 ppm						

Note: N.T. - Not Traceable.

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Authorized Signatory

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

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: **13 / 07 / 23**


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

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	-		
02.		Ammonia		02	NT	NT	25 ppm					
03.		Toluene		02	11.6 15.8	13.7	20 ppm					
04.		Methanol		02	15 11	13	200 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-	P.M.R	PIYUSH RATHOD
02.		Ammonia		02	9.8 8.6	9.2	25 ppm					
03.		Toluene		02	NT NT	NT	20 ppm					
04.		Methanol		02	19 15	17	200 ppm					
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-		
02.		Ammonia		02	3.4 2.4	2.9	25 ppm					
03.		Toluene		02	NT NT	NT	20 ppm					
04.		Methanol		02	NT NT	NT	200 ppm					

Note : NT- Not Traceable

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

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (ii) (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: **13 / 07 / 23** Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---			
02.		Toluene		02	11	9.0	10						20 ppm
03.		Methanol		02	32	28	30						200 ppm
04.		Chloroform		02	NT	NT	NT						2 ppm
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	V.M. Patel	VIHANG PATEL	
02.		Toluene		02	NT	NT	NT						20 ppm
03.		Methanol		02	18	16	17						200 ppm
04.		Chloroform		02	NT	NT	NT						2 ppm
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---			
02.		Toluene		02	NT	NT	NT						20 ppm
03.		Methanol		02	NT	NT	NT						200 ppm
04.		Chloroform		02	NT	NT	NT						2 ppm

Note : NT- Not Traceable

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

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: **13 / 07 / 23** Sampling Duration : **8 hrs. (05:10 PM to 01:10 AM)**

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AILCS/0723/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	02	NT	NT	1 mg/m ³	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	P.M.R	PIYUSH RATHOD
					NT							
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.067	0.065	0.1 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
					0.063							
03.	Near HCl Tank	HCl	Handy Sampler	02	1.7	1.5	5 ppm	USEPA	4	---		
					1.3							
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	4.0	4.3	25 ppm	Ref: IS-5182	1	---		
					4.7							

Note : N.T. -Not Traceable

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

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-1, 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: **14/07/23**

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

ISSUE DATE	24/07/23
REF. NO.	EP/AILCS/0723/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	Benzene Sampler	02	0.023	0.020	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>V. M. Patel</i>	VIHANG PATEL	
		0.017											
02.		MTBE		02	NT	NT							50 ppm
		NT											
03.		Toluene		02	NT	NT							20 ppm
		NT											
04.	Methanol	02	NT	NT	200 ppm								
	NT												
05.	Acetone	02	NT	NT	250 ppm								
	NT												
06.	Ethyl Acetate	02	NT	NT	150 ppm								
	NT												
01.	Second Floor	Bromine	Benzene Sampler	02	0.013	0.016	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	<i>V. M. Patel</i>	VIHANG PATEL	
		0.019											
02.		MTBE		02	NT	NT							50 ppm
		NT											
03.		Toluene		02	NT	NT							20 ppm
		NT											
04.	Methanol	02	NT	NT	200 ppm								
	NT												
05.	Acetone	02	NT	NT	250 ppm								
	NT												
06.	Ethyl Acetate	02	NT	NT	150 ppm								
	NT												

Note : NT- Not Traceable

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V. M. Patel
Authorized Signatory

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

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: **14 / 07 / 23**

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

ISSUE DATE	24 / 07 / 23
REF. NO.	EP/AIL/CS/0723/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	02	NT	NT	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	-	<i>P.M.R</i>	PIYUSH RATHOD
02.		NT										
03.		MTBE		02	NT	NT	50 ppm					
04.		NT										
05.		Toluene		02	NT	NT	20 ppm					
06.		NT										
	Methanol	02	NT	NT	200 ppm							
	NT											
	Acetone	02	NT	NT	250 ppm							
	NT											
	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

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C. K. ...
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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	:	Vihang Patel	
Date of Monitoring	:	19 / 08 / 23	Issue Date : 28 / 08 / 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)	82.9	54.5	28.4
2.	Noise Monitoring (DG 625 KVA)	83.9	58.2	25.7
3.	Noise Monitoring (DG 610 KVA)	83	57.1	25.9

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ANALYSED BY


CHECKED BY

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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: **17 / 08 / 23**

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

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	02	53	50	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		ARJUN NIKAM
02.		Methanol		02	37 33							
01.	First Floor	Acetone	Benzene Sampler	02	29 31	30	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
02.		Methanol		02	8.0 12							
01.	Second Floor	Acetone	Handy Sampler	02	13 9.0	11	250 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		ARJUN NIKAM
02.		Methanol		02	N.T. N.T.							
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T. N.T.	N.T.	1 ppm		2	---		ARJUN NIKAM

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: **17 / 08 / 23** Sampling Duration : **8 Hrs.(09:05 AM to 05:05 PM)**

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	02	17	19	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>V. M. Patel</i>	VIBANG PATEL
02.		Ethyl Acetate			10.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>V. M. Patel</i>	VIBANG PATEL
02.		Ethyl Acetate			N.T.							

Note : N.T. -Not Traceable

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C. R. Desai
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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: **17 / 08 / 23** Sampling Duration : 8 hrs.(05:00 PM to 01:00 AM)

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	02	68	67	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-		ARJUN NIKAM
		66										
02.		Methanol		02	43	40	200 ppm					
		37										
03.	Acetone	02	20	22	250 ppm							
			24									
01.	First Floor	Ethyl Acetate	Handy Sampler	02	14	16	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	-		ARJUN NIKAM
		18										
02.		Methanol		02	8.0	10	200 ppm					
		12										
03.	Acetone	02	6.0	8.0	250 ppm							
			10									

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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: **17 / 08 / 23** Sampling Duration : **8 hrs. .(05:00 PM to 01:00 AM)**

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	Handy Sampler	02	43	41	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Methanol		02	39							
01.	First Floor	Acetone	Handy Sampler	02	20	18	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Methanol		02	N.T.							
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol		02	N.T.							
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Methanol		02	N.T.							

Note : N.T. -Not Traceable

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(Signature)
Authorized Signatory

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



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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: **18 / 08 / 23** Sampling Duration : **8 hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	Benzene Sampler	02	20	16	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
		12										
02.		Acetone		02	15	13	250 ppm					
	11											
03.	Methanol	02	10	11	200 ppm							
	12											
01.	First Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
		N.T.										
02.		Acetone		02	6.0	5.0	250 ppm					
	4.0											
03.	Methanol	02	18	16	200 ppm							
	14											
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
		N.T.										
02.		Acetone		02	N.T.	N.T.	250 ppm					
	N.T.											
03.	Methanol	02	NT	NT	200 ppm							
	N.T.											

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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

ENPRO
Environment,
Energy, Water
Project Consultant

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: **18 / 08 / 23**

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

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Ammونيا		02	NT	NT	25 ppm					
03.		Toluene		02	10.2 8.4	9.3	20 ppm					
04.		Methanol		02	10 20	15	200 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---		
02.		Ammونيا		02	7.7 6.1	6.9	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	10 14	12	200 ppm					
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Ammونيا		02	4.5 3.7	4.1	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	NT	NT	200 ppm					

V.M. Patel

VIHANG PATEL

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

V.M. Patel
Authorized Signatory

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



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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ENPRO
Environment,
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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 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: **18 / 08 / 23**

Sampling Duration : **8 hrs.(05:15 PM to 01:15 AM)**

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Toluene		02	17	15	20 ppm					
03.		Methanol		02	30	34	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	8.0	10	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		
02.		Toluene		02	NT	NT	20 ppm					
03.		Methanol		02	NT	NT	200 ppm					
04.		Chloroform		02	NT	NT	2 ppm					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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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 –**Phosphoric Acid, Bromine, HCL, Ammonia** by-products: = and finished products: =

3. Particulars of sampling: - Date: **18 / 08 / 23** Sampling Duration : **8 hrs. (05:15 PM to 01:15 AM)**

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	02	NT	NT	1 mg/m ³	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
					NT							
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.061	0.059	0.1 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	-	---		
					0.057							
03.	Near HCl Tank	HCl	Handy Sampler	02	1.3	1.1	5 ppm	USEPA	2	---		
					0.9							
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	2.7	2.9	25 ppm	Ref: IS-5182	3	---		
					3.1							

V. M. Patel
VIHANG PATEL

Note : N.T. –Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. A. Patel
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).

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: **19 / 08 / 23**

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

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AILCS/0823/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	Benzene Sampler	02	0.021 0.026	0.024	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---		ARJUN NIKAM
02.		MTBE		02	NT NT	NT	50 ppm					
03.		Toluene		02	NT NT	NT	20 ppm					
04.		Methanol		02	NT NT	NT	200 ppm					
05.		Acetone		02	NT NT	NT	250 ppm					
06.		Ethyl Acetate		02	NT NT	NT	150 ppm					
01.	Second Floor	Bromine	Benzene Sampler	02	0.021 0.016	0.018	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		ARJUN NIKAM
02.		MTBE		02	NT NT	NT	50 ppm					
03.		Toluene		02	NT NT	NT	20 ppm					
04.		Methanol		02	NT NT	NT	200 ppm					
05.		Acetone		02	NT NT	NT	250 ppm					
06.		Ethyl Acetate		02	NT NT	NT	150 ppm					

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: **19 / 08 / 23**

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

ISSUE DATE	28 / 08 / 23
REF. NO.	EP/AI/CS/0823/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	02	NT	NT	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	-	<i>V. M. Patel</i>	VIHANG PATEL
02.		MTBE		02	NT	NT	50 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	NT	NT	200 ppm					
05.		Acetone		02	NT	NT	250 ppm					
06.		Ethyl Acetate		02	NT	NT	150 ppm					

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

V. M. Patel
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).

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: **11 / 09 / 23**

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

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	02	50	54	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	1	---	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol			33							
01.	First Floor	Acetone	Benzene Sampler	02	24	27	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	1	---	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol			17							
01.	Second Floor	Acetone	Handy Sampler	02	6.0	8.0	250 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	4	---	<i>V. M. Patel</i>	VIHANG PATEL
02.		Methanol			N.T.							
03.	Second Floor (Near Pthionile Chloride Addition Area)	thionyl Chloride	Handy Sampler	02	N.T.	N.T.	1 ppm	SOP No.- WI/AA/14-01 Ref: IS- 5182 P-11:2006	4	---	<i>V. M. Patel</i>	VIHANG PATEL

Note : N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

V. M. Patel
Authorized Signatory

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

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 process.

3. Particulars of sampling: **Block -2**, Date: **11 / 09 / 23** Sampling Duration : **8 Hrs.(09:15 AM to 05:15 PM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/ATLCS/0923/WP02

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	Methanol	Handy Sampler	02	14	13	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	--	P.M.R	PIYUSH RATHOD
		12										
02.		Ethyl Acetate		02	8.0	7.0	150 ppm					
					6.0							
01.	First Floor	Methanol	Handy Sampler	02	N.T.	N.T.	200 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	--	P.M.R	PIYUSH RATHOD
		N.T.										
02.		Ethyl Acetate		02	N.T.	N.T.	150 ppm					
					N.T.							

Note : N.T. –Not Traceable

ENPRO Enviro Tech and Engineers Pvt. L.

C. K. D. V. S.

Authorized Signatory

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

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: **11 / 09 / 23** Sampling Duration : **8 hrs.(05:10 PM to 01:10 AM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	02	63	60	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	<i>U. M. Patel</i>	VIHANG PATEL
		57										
02.		Methanol		02	45	43	200 ppm					
		41										
03.	Acetone	02	28	26	250 ppm							
			24									
01.	First Floor	Ethyl Acetate	Handy Sampler	02	22	19	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---	<i>U. M. Patel</i>	VIHANG PATEL
		16										
02.		Methanol		02	17	16	200 ppm					
		15										
03.	Acetone	02	4.0	5.0	250 ppm							
			6.0									

ENPRO Enviro Tech and Engineers Pvt. Ltd.

U. M. Patel

Authorized Signatory

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

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: **11 / 09 / 23** Sampling Duration : **8 hrs. .(05:10 PM to 01:10 AM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	Handy Sampler	02	35	38	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---	P.M.P	PIYUSH RATHOD		
02.		Methanol			02								43	40
01.	First Floor	Acetone	Handy Sampler	02		13	11						250 ppm	
02.		Methanol			02	N.T.								N.T.
						N.T.								
01.	Second Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm	SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---				
02.		Methanol			02								N.T.	N.T.
						N.T.								
01.	Third Floor	Acetone	Benzene Sampler	02	N.T.	N.T.	250 ppm						SOP No.-WI/AA/14-01 Ref: IS-5182 P-11:2006	4
02.		Methanol			02			N.T.	N.T.	200 ppm				
						N.T.								

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.

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 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: **MEE Plant**, Date: **12 / 09 / 23** Sampling Duration : **8 hrs.(09:20 AM to 05:20 PM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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						
01.	Ground Floor	Ethyl Acetate	Benzene Sampler	02	15	12	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Acetone			9.0							
03.		Methanol		02	18 14 16 10	16 13	250 ppm 200 ppm					
01.	First Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---		
02.		Acetone			11 9.0							
03.		Methanol		02	10 12	11	200 ppm					
01.	Second Floor	Ethyl Acetate	Benzene Sampler	02	N.T.	N.T.	150 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Acetone			N.T.							
03.		Methanol		02	N.T.	N.T.	200 ppm					

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. A. Ojha
Authorized Signatory

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

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: **12 / 09 / 23**

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

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AI/LCS/0923/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						
01.	First Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	P.M.P	PIYUSH RATHOD
02.		Ammونيا		02	NT	NT	25 ppm					
03.		Toluene		02	12.0 11.0	11.5	20 ppm					
04.		Methanol		02	13 9.0	11	200 ppm					
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---		
02.		Ammونيا		02	8.6 8.0	8.3	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	19 13	16	200 ppm					
01.	Third Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	4	---		
02.		Ammونيا		02	3.5 3.9	3.7	25 ppm					
03.		Toluene		02	NT	NT	20 ppm					
04.		Methanol		02	NT	NT	200 ppm					

Note : NT- 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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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

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: **12 / 09 / 23** Sampling Duration : **8 hrs.(05:25 PM to 01:25 AM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	5	---	V. N. Patel	VIHANG PATEL				
02.		Toluene		02	10	12	20 ppm									
03.		Methanol		02	27	24	200 ppm									
04.		Chloroform		02	NT	NT	2 ppm									
01.	Second Floor	Acetonitrile	Handy Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---			V. N. Patel	VIHANG PATEL		
02.		Toluene		02	NT	NT	20 ppm									
03.		Methanol		02	15	13	200 ppm									
04.		Chloroform		02	NT	NT	2 ppm									
01.	Third Floor	Acetonitrile	Benzene Sampler	02	NT	NT	20 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	3	---					V. N. Patel	VIHANG PATEL
02.		Toluene		02	NT	NT	20 ppm									
03.		Methanol		02	NT	NT	200 ppm									
04.		Chloroform		02	NT	NT	2 ppm									

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

(Signature)

Authorized Signatory

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

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).

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: **12 / 09 / 23** Sampling Duration : **8 hrs. (05:25 PM to 01:25 AM)**

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	02	NT	NT	1 mg/m ³	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	P.M.R.	PIYUSH RATHOD
					NT							
02.	Bromine Storage Area	Bromine	Handy Sampler	02	0.050	0.052	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	-	-		
					0.054							
03.	Near HCl Tank	HCl	Handy Sampler	02	1.0	1.3	5 ppm	USEPA	3	---		
					1.6							
04.	Near Ammonia Scrubber	Ammonia	Handy Sampler	02	3.6	3.5	25 ppm	Ref: IS-5182	2	---		
					3.4							

Note : N.T. –Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

P. M. R.
Authorized Signatory

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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) (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: **13 / 09 / 23**

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

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	Benzene Sampler	02	0.023	0.027	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	V. M. Patel	VHANG PATEL
		0.030										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											
01.	Second Floor	Bromine	Benzene Sampler	02	0.013	0.011	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	1	---	V. M. Patel	VHANG PATEL
		0.009										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							
	NT											

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C.R. 00101
Authorized Signatory

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

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: **13 / 09 / 23**

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

ISSUE DATE	22 / 09 / 23
REF. NO.	EP/AILCS/0923/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	02	NT	NT	0.1 ppm	SOP No.- WI/AA/14-01 Ref: IS-5182 P-11:2006	2	---	<i>P.M.R</i>	PIYUSH RATHOD
		NT										
02.		MTBE		02	NT	NT	50 ppm					
		NT										
03.		Toluene		02	NT	NT	20 ppm					
		NT										
04.	Methanol	02	NT	NT	200 ppm							
	NT											
05.	Acetone	02	NT	NT	250 ppm							
	NT											
06.	Ethyl Acetate	02	NT	NT	150 ppm							

Note : NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C. K. D. 09/23

Authorized Signatory

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

Annexure-VII

District

Collector

Office Letter

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
આલ્પત્રી ઠાકુર
કલેક્ટર કચેરી

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

Ambient Noise

Monitoring



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000003180F	Issue Date : 22-04-2023
ULR No : TC588523000003180F	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 : 10-04-2023 to 12-04-2023 Duration of Sampling : 8 hr / Location
 Description of Location : As per Table Given Below Sample ID : 0423/N03180
 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	63.2	59.1
2	Nr. Parking Area	63.4	64.0
3	Nr. Block I	72.5	69.2
4	Nr. Block II	71.5	66.5
5	Nr. Block III	70.3	65.2
6	Nr. Block IV	69.0	65.3
7	Nr. Block V	72.7	69.3
8	Nr. R & D Lab	71.5	67.7
9	Nr. ETP	69.3	65.1
10	Nr. Admin Office	64.3	62.4
11	Nr. Block -6	69.2	66.1
12	Nr. Boiler Area	63.2	58.2
	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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Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000003181F	Issue Date : 22-04-2023
ULR No : TC588523000003181F	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 : 13-04-2023 to 14-04-2023	Duration of Sampling : 8 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0423/N03181
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)	80.9	75.9
2	Nr. Vacuum Line (Behind Block -4)	75.1	72.8
3	MEE Plant Area	70.2	66.4
4	ETP Plant Area	72.6	69.6
5	Nr.Utility Area	71.2	67.3
	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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Sachin-Palsana Road, Sachin, Surat - 394 230. Gujarat, INDIA.

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

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Environment,
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Project Consultant

TEST REPORT

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 Monitoring	:	DG Noise Comparison	
Monitoring By	:	Prashant Patel	
Date of Monitoring	:	14 / 04 / 23	Issue Date : 22 / 04 / 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)	83.6	57.8	25.8
2.	Noise Monitoring (DG 625 KVA)	88.1	62.1	26
3.	Noise Monitoring (DG 610 KVA)	86.3	59.5	26.8

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ANALYSED BY


CHECKED BY

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



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Environmental Testing Laboratory

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TC - 5885

TEST REPORT

Format No : QR/7.8/03	Test Report No.:TC588523000004532F	Issue Date: 03-06 -2023
ULR No : TC588523000004532F	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	Vihang Patel	Sampling & Test Method	WI/N/01
Date of Sampling	22-05-2023 to 24-05-2023	Duration of Sampling	08 hr/Location
Description of Location	As per Table Given Below	Sample ID	0523/N04532
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	66.9	62.5
2.	Nr. Parking Area	69.5	65.8
3.	Nr. Block I	71.3	66.1
4.	Nr. Block II	72.8	69.5
5.	Nr. Block III	72.0	68.1
6.	Nr. Block IV	66.3	62.5
7.	Nr. Block V	69.8	65.8
8.	Nr. R & D Lab	72.3	68.3
9.	Nr. ETP	71.1	66.9
10.	Nr. Admin Office	66.8	63.5
11.	Nr. Block 6	71.4	68.1
12.	Nr. Boiler Area	58.5	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

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

CHECKED BY
Sweety Patel (Dy. TM)

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



TC - 5885

TEST REPORT

Format No : QR/7.8/03	Test Report No.:TC588523000004533F	Issue Date: 03-06 -2023
ULR No : TC588523000004533F	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	Vihang Patel	Sampling & Test Method	WI/N/03
Date of Sampling	25-05-2023 to 26-05-2023	Duration of Sampling	08 hr/Location
Description of Location	As per Table Given Below	Sample ID	0523/N04533
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)	84.6	81.3
2.	Nr. Vacuum Line (Behind Block -4)	78.9	75.4
3.	MEE Plant Area	73.6	70.1
4.	ETP Plant Area	69.8	65.5
5.	Nr. Utility Area	73.2	69.8
LIMIT		TLV - 85	TLV - 85

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)

AUTHORIZED SIGNATORY
Chintan Desai (TM)

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

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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	:	Vihang Patel	
Date of Monitoring	:	26 / 05 / 23	Issue Date : 03 / 06 / 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)	82.5	56.0	26.5
2.	Noise Monitoring (DG 625 KVA)	87.3	60.1	27.2
3.	Noise Monitoring (DG 610 KVA)	82.8	57.0	25.8

ENPRO Enviro Tech and Engineers Pvt. Ltd.


ANALYSED BY


CHECKED BY

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



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Environmental Testing Laboratory

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Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588523000005419F	Issue Date : 28-06-2023
ULR No : TC588523000005419F	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	: Noise Level Monitoring		
Sampling By	: Vihang Patel	Sampling & Test Method	: W/N/01
Date of Sampling	: 16-06-2023 to 19-06-2023	Duration of Sampling	: 8 hr / Location
Description of Location	: As per Table Given Below	Sample ID	: 0623/N05419
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	68.5	64.2
2	Nr. Parking Area	65.7	60.4
3	Nr. Block I	69.1	65.5
4	Nr. Block II	70.4	66.3
5	Nr. Block III	69.5	64.8
6	Nr. Block IV	70.2	66.5
7	Nr. Block V	71.1	67.6
8	Nr. R & D Lab	69.8	65.3
9	Nr. ETP	68.4	64.9
10	Nr. Admin Office	63.9	58.2
11	Nr. Block -6	70.5	65.4
12	Nr. Boiler Area	61.3	56.7
	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)

Sweety Patel
CHECKED BY
Sweety Patel (Dy.TM)

C. A. 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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Page 1 of 1



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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	:	Vihang Patel	
Date of Monitoring	:	21 / 06 / 23	Issue Date : 28 / 06 / 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)	84.5	58.7	25.8
2.	Noise Monitoring (DG 625 KVA)	85.9	59.2	26.7
3.	Noise Monitoring (DG 610 KVA)	84.7	58.9	25.8

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ANALYSED BY


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

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000006126F	Issue Date : 24-07-2023
ULR No : TC588523000006126F	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 : Vihang Patel Sampling & Test Method : WI/N/01
 Date of Sampling : 10-07-2023 to 12-07-2023 Duration of Sampling : 8 hr / Location
 Description of Location : As per Table Given Below Sample ID : 0723/N06126
 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	64.3	60.1
2	Nr. Parking Area	68.9	64.3
3	Nr. Block I	73.6	68.5
4	Nr. Block II	68.2	61.3
5	Nr. Block III	71.3	66.5
6	Nr. Block IV	64.5	60.1
7	Nr. Block V	68.3	64.8
8	Nr. R & D Lab	67.5	62.3
9	Nr. ETP	70.2	66.9
10	Nr. Admin Office	65.3	61.3
11	Nr. Block -6	68.1	63.9
12	Nr. Boiler Area	63.7	59.7
	LIMIT	75	70

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

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AUTHORISED SIGNATORY
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Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000006127F	Issue Date : 24-07-2023
ULR No : TC588523000006127F	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 : Vihang Patel	Sampling & Test Method : WI/N/03
Date of Sampling : 13-07-2023 14-07-2023	Duration of Sampling : 1 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0723/N06127
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)	79.3	75.8
2	Nr. Vacuum Line (Behind Block -4)	83.6	80.1
3	MEE Plant Area	71.9	67.3
4	ETP Plant Area	72.5	69.5
5	Nr. Utility Area	80.1	76.3
	LIMIT	TLV - 85	TLV - 85

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TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000007078F	Issue Date : 28-08-2023
ULR No : TC588523000007078F	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 : Vihang Patel Sampling & Test Method : WI/N/01
 Date of Sampling : 15-08-2023 to 17-08-2023 Duration of Sampling : 8 hr / Location
 Description of Location : As per Table Given Below Sample ID : 0823/N07078
 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	67.1	63.5
2	Nr. Parking Area	66.3	62.1
3	Nr. Block I	70.8	66.3
4	Nr. Block II	72.6	68.7
5	Nr. Block III	68.5	64.1
6	Nr. Block IV	67.1	63.9
7	Nr. Block V	70.3	66.3
8	Nr. R & D Lab	65.1	61.7
9	Nr. ETP	72.7	68.3
10	Nr. Admin Office	60.3	56.9
11	Nr. Block -6	66.5	62.1
12	Nr. Boiler Area	60.9	57.8
	LIMIT	75	70

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

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TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000007081F	Issue Date : 28-08-2023
ULR No : TC588523000007081F	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 : 18-08-2023 to 19-08-2023 Duration of Sampling : 8 hr / Location
 Description of Location : As per Table Given Below Sample ID : 0823/N07081
 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)	77.3	73.1
2	Nr. Vacuum Line (Behind Block -4)	80.1	77.6
3	MEE Plant Area	75.6	71.4
4	ETP Plant Area	69.9	65.5
5	Nr. Utility Area	78.5	73.9
	LIMIT	TLV - 85	TLV - 85

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TEST REPORT

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 Monitoring	:	DG Noise Comparison	
Monitoring By	:	Vihang Patel	
Date of Monitoring	:	19 / 08 / 23	Issue Date : 28 / 08 / 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)	82.9	54.5	28.4
2.	Noise Monitoring (DG 625 KVA)	83.9	58.2	25.7
3.	Noise Monitoring (DG 610 KVA)	83	57.1	25.9

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TC - 5885

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Test Report

Format No : QR/7.8/03	Test Report No : TC588523000007788F	Issue Date : 22-09-2023
ULR No : TC588523000007788F	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 : Vihang Patel

Sampling & Test Method : WI/N/03

Date of Sampling : 12-09-2023 to 13-09-2023

Duration of Sampling : 8 hr / Location

Description of Location : As per Table Given Below

Sample ID : 0923/N07788

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)	81.6	77.2
2	Nr. Vacuum Line (Behind Block -4)	82.4	79.6
3	MEE Plant Area	73.1	69.3
4	ETP Plant Area	71.5	68.5
5	Nr.Utility Area	81.3	78.1
	LIMIT	TLV - 85	TLV - 85

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

AUTHORISED SIGNATORY
Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000007789F	Issue Date : 22-09-2023
ULR No : TC588523000007789F	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 : Vihang Patel	Sampling & Test Method : WI/N/01
Date of Sampling : 09-09-2023 to 11-09-2023	Duration of Sampling : 8 hr / Location
Description of Location : As per Table Given Below	Sample ID : 0923/N07789
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	69.4	65.1
2	Nr. Parking Area	64.9	60.3
3	Nr. Block I	72.5	67.1
4	Nr. Block II	69.8	65.9
5	Nr. Block III	65.2	61.7
6	Nr. Block IV	69.5	65.3
7	Nr. Block V	72.7	69.5
8	Nr. R & D Lab	69.3	65.7
9	Nr. ETP	71.6	66.3
10	Nr. Admin Office	63.9	59.1
11	Nr. Block -6	69.3	65.9
12	Nr. Boiler Area	65.7	61.4
	LIMIT	75	70

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

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TEST REPORT


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	:	Vihang Patel	
Date of Monitoring	:	13 / 09 / 23	Issue Date : 22 / 09 / 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)	80.6	53.9	26.7
2.	Noise Monitoring (DG 625 KVA)	82.4	55.0	27.4
3.	Noise Monitoring (DG 610 KVA)	81.9	56.7	25.2

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Annexure-IX

Stack

Monitoring



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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003165F	Issue Date : 22-04-2023
ULR No : TC588523000003165F	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 : 14-04-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-04-2023	Date of Completion : 18-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : 0423/ST03165
Sampling Method : W/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	1.00	-	-
3	Flue Gas Temperature	°C	149	-	-
4	Velocity	m/s	8.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	22313	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	17.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	9.9	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	12.6	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7):2005

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

Sweety Patel
CHECKED BY

Sweety Patel (Dy.TM)

Chintan Desai
AUTHORISED SIGNATORY

Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003166F	Issue Date : 22-04-2023
ULR No : TC588523000003166F	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 : 14-04-2023 Packing / Seal : Sealed
 Sample Received Date : 15-04-2023 Protocol / Purpose : Stack Gas Analysis
 Date of Starting of Test : 15-04-2023 Date of Completion : 18-04-2023
 Sampling Method : WI/ST/A Sample ID : 0423/ST03166
 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	110	-	
4	Velocity	m/s	8.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	653	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	82.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	28.6	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.3	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 : TC588523000003167F	Issue Date : 22-04-2023
ULR No : TC588523000003167F	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 : 14-04-2023

Packing / Seal : Sealed

Sample Received Date : 15-04-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-04-2023

Date of Completion : 18-04-2023

Sampling Method : WI/ST/A

Sample ID : 0423/ST03167

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	122	-	-
4	Velocity	m/s	8.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	690	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	82.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	26.8	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.7	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7):2005

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Chintan Desai (TM)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003168F	Issue Date : 22-04-2023
ULR No : TC588523000003168F	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 : 14-04-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-04-2023	Date of Completion : 18-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : 0423/ST03168
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	113	-	
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	567	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	75.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	24.7	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	16.9	50	IS 11255 (Part-2):1985 IS 11255 (Part-7):2005

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AUTHORISED SIGNATORY

Chintan Desai (TM)

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Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003169F	Issue Date : 22-04-2023
ULR No : TC588523000003169F	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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 14-04-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-04-2023	Date of Completion : 18-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : 0423/ST03169
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	86	-	
4	Velocity	m/s	6.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8201	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	7.8	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	11.8	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	18.5	50	IS 11255 (Part-2):1985
					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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003170F	Issue Date : 22-04-2023
ULR No : TC588523000003170F	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 : 14-04-2023	Packing / Seal : Sealed
Sample Received Date : 15-04-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-04-2023	Date of Completion : 18-04-2023
Sampling Method : WI/ST/A	Sample ID : 0423/ST03170
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):1986
3	Oxides of Nitrogen (as NO _x)	ppm	15.6	50	IS 11255 (Part-7):2005

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AUTHORISED SIGNATORY

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000797/23-	Issue Date : 22-04-2023
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 : 14-04-2023	Packing / Seal : Sealed
Sample Received Date : 15-04-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-04-2023	Date of Completion : 18-04-2023
Sampling Method : WI/ST/A	Sample ID : 0423/ST03170
Duration Sampling : 60 min	Fuel : --

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	9.0	USEPA (Part-0050)

Note : BDL :- Below Detectable Limit (HBr<5 mg/Nm³)

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003171F	Issue Date : 22-04-2023
ULR No : TC588523000003171F	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 : 14-04-2023	Packing / Seal : Sealed
Sample Received Date : 15-04-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-04-2023	Date of Completion : 18-04-2023
Sampling Method : WI/ST/A	Sample ID : 0423/ST03171
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	7.3	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000798/23-	Issue Date : 22-04-2023
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 : 14-04-2023

Packing / Seal : Sealed

Sample Received Date : 15-04-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-04-2023

Date of Completion : 18-04-2023

Sampling Method : WI/ST/A

Sample ID : 0423/ST03171

Duration Sampling : 60 min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.10	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003172F	Issue Date : 22-04-2023
ULR No : TC588523000003172F	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 : 14-04-2023	Packing / Seal : Sealed
Sample Received Date : 15-04-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-04-2023	Date of Completion : 18-04-2023
Sampling Method : WI/ST/A	Sample ID : 0423/ST03172
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	22.6	40	IS 11255 (Part-6):1999 Clause 5

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003173F	Issue Date : 22-04-2023
ULR No : TC588523000003173F	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	: 14-04-2023	Packing / Seal	: Sealed
Sample Received Date	: 15-04-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 15-04-2023	Date of Completion	: 18-04-2023
Sampling Method	: WI/ST/A	Sample ID	: 0423/ST03173
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	7.9	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000799/23-	Issue Date : 22-04-2023
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 Block-V Reactor Scrubber	Qty / Nos of Sample	: 1 / 1 No.
Sampling By	: Prashant Patel	Packing / Seal	: Sealed
Date of Sampling	: 14-04-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-04-2023	Date of Completion	: 18-04-2023
Date of Starting of Test	: 15-04-2023	Sample ID	: 0423/ST03173
Sampling Method	: W/ST/A	Fuel	: --
Duration Sampling	: 15 min		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.60	20	USEPA (Part-0050)

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003174F	Issue Date : 22-04-2023
ULR No : TC588523000003174F	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 Stack attached to Block-III Reactor Scrubber
 Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
 Date of Sampling : 14-04-2023 Packing / Seal : Sealed
 Sample Received Date : 15-04-2023 Protocol / Purpose : Stack Gas Analysis
 Date of Starting of Test : 15-04-2023 Date of Completion : 18-04-2023
 Sampling Method : WI/ST/A Sample ID : 0423/ST03174
 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	10.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	19.5	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/002399/23-	Issue Date : 22-04-2023
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 Stack attached to Block-III Reactor Scrubber
 Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No.
 Date of Sampling : 14-04-2023 Packing / Seal : Sealed
 Sample Received Date : 15-04-2023 Protocol / Purpose : Stack Gas Analysis
 Date of Starting of Test : 15-04-2023 Date of Completion : 18-04-2023
 Sampling Method : WI/ST/A Sample ID : 0423/ST03174
 Duration Sampling : 60 min Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.70	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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003175F	Issue Date : 22-04-2023
ULR No : TC588523000003175F	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 : 14-04-2023	Packing / Seal : Sealed
Sample Received Date : 15-04-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-04-2023	Date of Completion : 18-04-2023
Sampling Method : WI/ST/A	Sample ID : 0423/ST03175
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Oxides of Nitrogen (as NO ₂)	ppm	12.3	50	IS 11255 (Part-7):2005

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


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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000800/23-	Issue Date : 22-04-2023
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	: 14-04-2023	Packing / Seal	: Sealed
Sample Received Date	: 15-04-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 15-04-2023	Date of Completion	: 18-04-2023
Sampling Method	: W/ST/A	Sample ID	: 0423/ST03175
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)

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


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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000003176F	Issue Date : 22-04-2023
ULR No : TC588523000003176F	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 : 14-04-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-04-2023	Date of Completion : 18-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : 0423/ST03176
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	22.2	40	IS 11255 (Part-6):1999 Clause 5

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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 : ETL/000801/23-	Issue Date : 22-04-2023
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 : 14-04-2023

Packing / Seal : Sealed

Sample Received Date : 15-04-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-04-2023

Date of Completion : 18-04-2023

Sampling Method : WI/ST/A

Sample ID : ETL/000801/23-

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	3.60	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000802/23-	Issue Date : 22-04-2023
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 : Prashant Patel	Packing / Seal : Sealed
Date of Sampling : 14-04-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-04-2023	Date of Completion : 18-04-2023
Date of Starting of Test : 15-04-2023	Sample ID : ETL/000802/23-
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	2.90	20	USEPA (Part-0050)

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ETL232401 **1946**

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004487F	Issue Date : 03-06-2023
ULR No : TC588523000004487F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04487
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	1.00	-	-
3	Flue Gas Temperature	°C	138	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	20265	-	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	7.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	14.8	50	IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004488F	Issue Date : 03-06-2023
ULR No : TC588523000004488F	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 DG Set 320 KVA

Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04488
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	7.70	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	587	-	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	22.9	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	15.2	50	IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004489F	Issue Date : 03-06-2023
ULR No : TC588523000004489F	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 DG Set 625 KVA	Qty / Nos of Sample : 1 / 1 No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 26-05-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 27-05-2023	Date of Completion : 29-05-2023
Date of Starting of Test : 27-05-2023	Sample ID : 0523/ST04489
Sampling Method : W/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	8.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	644	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	84.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	33.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	26.7	50	IS 11255 (Part-7):2005

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004490F	Issue Date : 03-06-2023
ULR No : TC588523000004490F	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 DG Set 610 KVA

Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04490
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	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	602	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	78.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	26.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	20.3	50	IS 11255 (Part-7):2005

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5311

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004491F	Issue Date : 03-06-2023
ULR No : TC588523000004491F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04491
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	90	-	-
4	Velocity	m/s	7.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	9120	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	9.6	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	16.2	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	24.4	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7):2005

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C. D. Desai
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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004492F	Issue Date : 03-06-2023
ULR No : TC588523000004492F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04492
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	6.1	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	17.9	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001238/23-	Issue Date : 03-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04492
Duration Sampling : 60 min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	1.90	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 : TC588523000004493F	Issue Date : 03-06-2023
ULR No : TC588523000004493F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04493
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	9.2	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003398/23-	Issue Date : 03-06-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 26-05-2023

Packing / Seal : Sealed

Sample Received Date : 27-05-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 27-05-2023

Date of Completion : 29-05-2023

Sampling Method : WI/ST/A

Sample ID : 0523/ST04493

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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004494F	Issue Date : 03-06-2023
ULR No : TC588523000004494F	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 : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 26-05-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 27-05-2023	Date of Completion : 29-05-2023
Date of Starting of Test : 27-05-2023	Sample ID : 0523/ST04494
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	25.3	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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Environmental Testing Laboratory

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000004495F	Issue Date : 03-06-2023
ULR No : TC588523000004495F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04495
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	7.6	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/003399/23-	Issue Date : 03-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04495
Duration Sampling : 15 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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852300004496F	Issue Date : 03-06-2023
ULR No : TC58852300004496F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04496
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	12.9	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001240/23-	Issue Date : 03-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04496
Duration Sampling : 60 min	Fuel : --


RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.20	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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852300004497F	Issue Date : 03-06-2023
ULR No : TC58852300004497F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 26-05-2023

Packing / Seal : Sealed

Sample Received Date : 27-05-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 27-05-2023

Date of Completion : 29-05-2023

Sampling Method : WI/ST/A

Sample ID : 0523/ST04497

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	15.2	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000127/23-	Issue Date : 03-06-2023
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 : Vihang Patel Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023 Packing / Seal : Sealed
Sample Received Date : 27-05-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023 Date of Completion : 29-05-2023
Sampling Method : WI/ST/A Sample ID : 0523/ST04497
Duration Sampling : 60 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

Format No : QR/7.8/01	Test Report No : TC588523000004498F	Issue Date : 03-06-2023
ULR No : TC588523000004498F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : 0523/ST04498
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	18.6	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000128/23-	Issue Date : 03-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 26-05-2023	Packing / Seal : Sealed
Sample Received Date : 27-05-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 27-05-2023	Date of Completion : 29-05-2023
Sampling Method : WI/ST/A	Sample ID : ETL/000128/23-
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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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005405F	Issue Date : 28-06-2023
ULR No : TC588523000005405F	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 Boiler (12 TPH)	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05405
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	1.00	-	-
3	Flue Gas Temperature	°C	135	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	18899	-	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	11.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO _x)	ppm	18.5	50	IS 11255 (Part-7):2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005406F	Issue Date : 28-06-2023
ULR No : TC588523000005406F	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 DG Set 320 KVA	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : W/ST/A	Sample ID : 0623/ST05406
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	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	588	-	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	26.5	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	18.0	50	IS 11255 (Part-7):2005

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Page 1 of 1

Format No : QR/7.8/01	Test Report No : TC588523000005407F	Issue Date : 28-06-2023
ULR No : TC588523000005407F	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, Di. Valsad.		
Description of Sample : As per table given below		
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.	
Date of Sampling : 21-06-2023	Packing / Seal : Sealed	
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023	
Sampling Method : W/ST/A	Sample ID : 0623/ST05407A 0623/ST05407B	
Duration Sampling : 60 min	Fuel : Diesel	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT		GPCB LIMIT	METHOD REFERENCE
			DG Set 625 KVA	DG Set 610 KVA		
1	Stack Height	m	11	11	-	-
2	Stack Diameter	m	0.15	0.15	-	-
3	Flue Gas Temperature	°C	116	110	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	7.6	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	606	604	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	79.0	72	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	mg/Nm ³	35.9	22.9	100	IS 11255 (Part 2):1985
8	Oxides of Nitrogen (as NO _x)	mg/Nm ³	28.6	14.8	50	IS 11255 (Part 7) :2005

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TC - 5885

Test Report

Format No : QR/7.8/03	Test Report No : TC588523000005408F	Issue Date : 28-06-2023
ULR No : TC588523000005408F	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 : Vihang Patel	Sampling & Test Method : W/N/03	
Date of Sampling : 20-06-2023 to 21-06-2023	Duration of Sampling : 8 hr / Location	
Description of Location : As per Table Given Below	Sample ID : 0623/N05408	
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)	82.3	77.5
2	Nr. Vacuum Line (Behind Block -4)	81.7	78.7
3	MEE Plant Area	77.1	74.3
4	ETP Plant Area	74.5	70.2
5	Nr.Utility Area	76.3	72.9
	LIMIT	TLV - 85	TLV - 85

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005409F	Issue Date : 28-06-2023
ULR No : TC588523000005409F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05409
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	82	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8244	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	6.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	7.9	100	IS 11255 (Part-2):1985
8	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 : TC588523000005410F	Issue Date : 28-06-2023
ULR No : TC588523000005410F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05410
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	5.7	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	12.3	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/001577/23-	Issue Date : 28-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05410
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	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 : TC588523000005411F	Issue Date : 28-06-2023
ULR No : TC588523000005411F	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	: Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 21-06-2023	Packing / Seal	: Sealed
Sample Received Date	: 22-06-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 22-06-2023	Date of Completion	: 24-06-2023
Sampling Method	: WI/ST/A	Sample ID	: 0623/ST05411
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	11.4	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001578/23-	Issue Date : 28-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05411
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.60	20	USEPA (Part-0050)

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Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005412F	Issue Date : 28-06-2023
ULR No : TC588523000005412F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : W/ST/A	Sample ID : 0623/ST05412
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	28.1	40	IS 11255 (Part-6):1999 Clause 5

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005413F	Issue Date : 28-06-2023
ULR No : TC588523000005413F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : W/ST/A	Sample ID : 0623/ST05413
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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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001579/23-	Issue Date : 28-06-2023
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 Block-V Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05413
Duration Sampling : 15 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.70	20	USEPA (Part-0050)

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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC58852300005414F	Issue Date : 28-06-2023
ULR No : TC58852300005414F	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-III Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05414
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	5.7	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO _x)	ppm	15.1	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001580/23-	Issue Date : 28-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05414
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	4.30	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 : TC588523000005415F	Issue Date : 28-06-2023
ULR No : TC588523000005415F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : 0623/ST05415
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	9.7	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001581/23-	Issue Date : 28-06-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 21-06-2023

Packing / Seal : Sealed

Sample Received Date : 22-06-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 22-06-2023

Date of Completion : 24-06-2023

Sampling Method : WI/ST/A

Sample ID : 0623/ST05415

Duration Sampling : 60 min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	4.50	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000005416F	Issue Date : 28-06-2023
ULR No : TC588523000005416F	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-If Reactor Scrubber	
Sampling By	: Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling	: 21-06-2023	Packing / Seal : Sealed
Sample Received Date	: 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 22-06-2023	Date of Completion : 24-06-2023
Sampling Method	: WI/ST/A	Sample ID : 0623/ST05416
Duration Sampling	: 60 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	14.7	40	IS 11255 (Part-6) 1999 Clause 5

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001642/23-	Issue Date : 28-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : W/ST/A	Sample ID : ETL/001642/23-
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	2.70	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001643/23-	Issue Date : 28-06-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 21-06-2023	Packing / Seal : Sealed
Sample Received Date : 22-06-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 22-06-2023	Date of Completion : 24-06-2023
Sampling Method : WI/ST/A	Sample ID : ETL/001643/23-
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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TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006112F	Issue Date : 24-07-2023
ULR No : TC588523000006112F	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	: Vihang Patel	Qty / Nos of Sample
Date of Sampling	: 14-07-2023	: 1 / 1No
Sample Received Date	: 15-07-2023	Packing / Seal
Date of Starting of Test	: 15-07-2023	: Sealed
Sampling Method	: WI/ST/A	Protocol / Purpose
Duration Sampling	: 60min	: Stack Gas Analysis
		Date of Completion
		: 17-07-2023
		Sample ID
		: 0723/ST06112
		Fuel
		: Natural Gas

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	143	-	-
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	21265	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	13.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	6.2	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO _x)	ppm	9.7	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7) 2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006113F	Issue Date : 24-07-2023
ULR No : TC588523000006113F	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 DG 320 KVA		
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.	
Date of Sampling : 14-07-2023	Packing / Seal : Sealed	
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis	
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023	
Sampling Method : W/ST/A	Sample ID : 0723/ST06113	
Duration Sampling : 60min	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	97	-	-
4	Velocity	m/s	8.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	612	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	80.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	29.4	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO _x)	ppm	21.9	50	IS 11255 (Part-2):1985 IS 11255 (Part-7):2005


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Page 1 of 1



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ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006114F	Issue Date : 24-07-2023
ULR No : TC588523000006114F	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 DG 625 KVA	Qty / Nos of Sample	: 1 / 1No.
Sampling By	: Vihang Patel	Packing / Seal	: Sealed
Date of Sampling	: 14-07-2023	Protocol / Purpose	: Stack Gas Analysis
Sample Received Date	: 15-07-2023	Date of Completion	: 17-07-2023
Date of Starting of Test	: 15-07-2023	Sample ID	: 0723/ST06114
Sampling Method	: WI/ST/A	Fuel	: Diesel
Duration Sampling	: 60min		

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	-	-
4	Velocity	m/s	8.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	677	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	81.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	28.5	100	IS 11255 (Part-1) 1985
8	Oxides of Nitrogen (as NO ₂)	ppm	20.8	50	IS 11255 (Part-2):1985 IS 11255 (Part-7):2005

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Page 1 of 1


Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006115F	Issue Date : 24-07-2023
ULR No : TC588523000006115F	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 DG 610 KVA	Qty / Nos of Sample : 1 / 1No.	
Sampling By : Vihang Patel	Packing / Seal : Sealed	
Date of Sampling : 14-07-2023	Protocol / Purpose : Stack Gas Analysis	
Sample Received Date : 15-07-2023	Date of Completion : 17-07-2023	
Date of Starting of Test : 15-07-2023	Sample ID : 0723/ST06115	
Sampling Method : WI/ST/A	Fuel : Diesel	
Duration Sampling : 60min		

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	-	-
4	Velocity	m/s	8.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	651	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	76.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	28.8	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO _x)	ppm	21.7	50	IS 11255 (Part-2):1985 IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006116F	Issue Date : 24-07-2023
ULR No : TC588523000006116F	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. - Vaisad.

Description of Sample : Common Stack Thermopack-1 & 2 (2 Lakh Kcal/hr)	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 14-07-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-07-2023	Date of Completion : 17-07-2023
Date of Starting of Test : 15-07-2023	Sample ID : 0723/ST06116
Sampling Method : WI/ST/A	Fuel : Natural gas
Duration Sampling : 60min	

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	88	-	-
4	Velocity	m/s	6.70	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	8054	-	IS 11255 (Part-3):2021
6	Particulate Matter (PM)	mg/Nm ³	11.3	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO ₂)	ppm	9.6	100	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	17.4	50	IS 11255 (Part-2):1985
					IS 11255 (Part-7) 2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006117F	Issue Date : 24-07-2023
ULR No : TC588523000006117F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/ST/A	Sample ID : 0723/ST06117
Duration Sampling : 60min	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	7.1	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	9.5	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001905/23-	Issue Date : 24-07-2023
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 : Vihang Patel

Date of Sampling : 14-07-2023

Sample Received Date : 15-07-2023

Date of Starting of Test : 15-07-2023

Sampling Method : WI/ST/A

Duration Sampling : 60min

Qty / Nos of Sample : 1 / 1No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 17-07-2023

Sample ID : 0723/ST06117

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	2.10	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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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006118F	Issue Date : 24-07-2023
ULR No : TC588523000006118F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 14-07-2023

Packing / Seal : Sealed

Sample Received Date : 15-07-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-07-2023

Date of Completion : 17-07-2023

Sampling Method : WI/ST/A

Sample ID : 0723/ST06118

Duration Sampling : 60min

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	14.2	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/000220/23-	Issue Date : 24-07-2023
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 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 14-07-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-07-2023	Date of Completion : 17-07-2023
Date of Starting of Test : 15-07-2023	Sample ID : 0723/ST06118
Sampling Method : W/ST/A	Fuel : --
Duration Sampling : 60min	

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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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006119F	Issue Date : 24-07-2023
ULR No : TC588523000006119F	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 : Vihang Patel Qty / Nos of Sample : 1 / 1No

Date of Sampling : 14-07-2023 Packing / Seal : Sealed

Sample Received Date : 15-07-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-07-2023 Date of Completion : 17-07-2023

Sampling Method : W/ST/A Sample ID : 0723/ST06119

Duration Sampling : 15min 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	21.7	40	IS 11255 (Part-6):1999 Clause 5

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006120F	Issue Date : 24-07-2023
ULR No : TC588523000006120F	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 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 14-07-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 15-07-2023	Date of Completion : 17-07-2023
Date of Starting of Test : 15-07-2023	Sample ID : 0723/ST06120
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 60min	

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	7.5	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001906/23-	Issue Date : 24-07-2023
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	: Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling	: 14-07-2023	Packing / Seal : Sealed
Sample Received Date	: 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 15-07-2023	Date of Completion : 17-07-2023
Sampling Method	: WI/ST/A	Sample ID : 0723/ST06120
Duration Sampling	: 60min	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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Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006121F	Issue Date : 24-07-2023
ULR No : TC588523000006121F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/ST/A	Sample ID : 0723/ST06121
Duration Sampling : 60min	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	9.9	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO _x)	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/001908/23-	Issue Date : 24-07-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/ST/A	Sample ID : 0723/ST06121
Duration Sampling : 60min	Fuel : -

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.60	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 : TC588523000006122F	Issue Date : 24-07-2023
ULR No : TC588523000006122F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/ST/A	Sample ID : 0723/ST06122
Duration Sampling : 60min	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	10.9	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001909/23-	Issue Date : 24-07-2023
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	: Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling	: 14-07-2023	Packing / Seal : Sealed
Sample Received Date	: 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test	: 15-07-2023	Date of Completion : 17-07-2023
Sampling Method	: WI/ST/A	Sample ID : 0723/ST06122
Duration Sampling	: 60min	Fuel : --

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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Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000006123F	Issue Date : 24-07-2023
ULR No : TC588523000006123F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 14-07-2023

Packing / Seal : Sealed

Sample Received Date : 15-07-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-07-2023

Date of Completion : 17-07-2023

Sampling Method : W/ST/A

Sample ID : 0723/ST06123

Duration Sampling : 15min

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	20.3	40	IS 11255 (Part-6):1999 Clause 5

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Chintan Desai (TM)

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Environmental Testing Laboratory

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000221/23-	Issue Date : 24-07-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 14-07-2023	Packing / Seal : Sealed
Sample Received Date : 15-07-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 15-07-2023	Date of Completion : 17-07-2023
Sampling Method : WI/ST/A	Sample ID : ETL/000221/23-
Duration Sampling : 30min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	3.00	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/001913/23-	Issue Date : 24-07-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 14-07-2023

Packing / Seal : Sealed

Sample Received Date : 15-07-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 15-07-2023

Date of Completion : 17-07-2023

Sampling Method : W/ST/A

Sample ID : ETL/001913/23-

Duration Sampling : 30min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	HCl	mg/Nm ³	3.00	20	USEPA (Part-0050).

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007063F	Issue Date : 28-08-2023
ULR No : TC588523000007063F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07063
Duration Sampling : 60min	Fuel : Natural Gas

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	130	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	10669	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	17.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	8.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	12.5	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007064F	Issue Date : 28-08-2023
ULR No : TC588523000007064F	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 DG 320 KVA

Sampling By : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 19-08-2023

Packing / Seal : Sealed

Sample Received Date : 21-08-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-08-2023

Date of Completion : 23-08-2023

Sampling Method : W/ST/A

Sample ID : 0823/ST07064

Duration Sampling : 60min

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	110	-	IS 11255.(Part-3):2021
4	Velocity	m/s	8.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	404	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	74.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	20.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	14.2	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007065F	Issue Date : 28-08-2023
ULR No : TC588523000007065F	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 DG 625 KVA	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/ST07065
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60min	

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	113	-	IS.11255 (Part-3):2021
4	Velocity	m/s	8.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	421	-	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	31.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	23.8	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007066F	Issue Date : 28-08-2023
ULR No : TC588523000007066F	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 DG 610 KVA	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/ST07066
Sampling Method : WI/ST/A	Fuel : Diesel
Duration Sampling : 60min	

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	121	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	345	-	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	20.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	12.9	50	- IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007067F	Issue Date : 28-08-2023
ULR No : TC588523000007067F	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)	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/ST07067
Sampling Method : WI/ST/A	Fuel : Natural Gas
Duration Sampling : 60min	

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	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	6095	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	8.6	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	11.7	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	19.9	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007068F	Issue Date : 28-08-2023
ULR No : TC588523000007068F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07068
Duration Sampling : 60min	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	16.4	50	IS 11255 (Part-7):2005

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

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

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002310/23-	Issue Date : 28-08-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 19-08-2023

Packing / Seal : Sealed

Sample Received Date : 21-08-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-08-2023

Date of Completion : 23-08-2023

Sampling Method : WI/ST/A

Sample ID : 0823/ST07068

Duration Sampling : 60min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	1.70	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 : TC588523000007069F	Issue Date : 28-08-2023
ULR No : TC588523000007069F	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 Stack attached to Block-IV Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07069
Duration Sampling : 60min	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	10.2	40	IS 11255 (Part 2):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/002311/23-	Issue Date : 28-08-2023
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 Stack attached to Block-IV Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07069
Duration Sampling : 60min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.30	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007070F	Issue Date : 28-08-2023
ULR No : TC588523000007070F	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 Stack attached to Block-V Reactor Scrubber

Sampling By : Vihang Patel

Qty / Nos of Sample : 1/ 1No.

Date of Sampling : 19-08-2023

Packing / Seal : Sealed

Sample Received Date : 21-08-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-08-2023

Date of Completion : 23-08-2023

Sampling Method : W/ST/A

Sample ID : 0823/ST07070

Duration Sampling : 15min

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	24.2	40	IS 11255 (Part-6):1999 Clause 5

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007071F	Issue Date : 28-08-2023
ULR No : TC588523000007071F	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 Stack attached to Block-V Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07071
Duration Sampling : 60min	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	7.0	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/004758/23-	Issue Date : 28-08-2023
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 Stack attached to Block-V Reactor Scrubber	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07071
Duration Sampling : 60min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.30	20	USEPA (Part-0050)

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Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007072F	Issue Date : 28-08-2023
ULR No : TC588523000007072F	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 Stack attached to Block-III Reactor Scrubber	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/ST07072
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 60min	

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	7.3	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	10.9	50	IS 11255 (Part-7):2005

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CHECKED BY
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AUTHORISED SIGNATORY
Chintan Desai (TM)

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Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002313/23-	Issue Date : 28-08-2023
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 Stack attached to Block-III Reactor Scrubber	Qty / Nos of Sample : 1 / 1No.
Sampling By : Vihang Patel	Packing / Seal : Sealed
Date of Sampling : 19-08-2023	Protocol / Purpose : Stack Gas Analysis
Sample Received Date : 21-08-2023	Date of Completion : 23-08-2023
Date of Starting of Test : 21-08-2023	Sample ID : 0823/ST07072
Sampling Method : WI/ST/A	Fuel : --
Duration Sampling : 60min	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.00	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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*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007073F	Issue Date : 28-08-2023
ULR No : TC588523000007073F	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 Stack attached to Block-VI Reactor Scrubber

Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : 0823/ST07073
Duration Sampling : 60min	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	12.6	50	IS 11255 (Part-7):2005

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Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002314/23-	Issue Date : 28-08-2023
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 Stack attached to Block-VI Reactor Scrubber		
Sampling By	: Vihang Patel	Qty / Nos of Sample	: 1 / 1No.
Date of Sampling	: 19-08-2023	Packing / Seal	: Sealed
Sample Received Date	: 21-08-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 21-08-2023	Date of Completion	: 23-08-2023
Sampling Method	: WI/ST/A	Sample ID	: 0823/ST07073
Duration Sampling	: 60min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	3.60	20	USEPA (Part-0050)

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Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007074F	Issue Date : 28-08-2023
ULR No : TC588523000007074F	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 Stack attached to Block-II Reactor Scrubber		
Sampling By	: Vihang Patel	Qty / Nos of Sample	: 1 / 1No.
Date of Sampling	: 19-08-2023	Packing / Seal	: Sealed
Sample Received Date	: 21-08-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 21-08-2023	Date of Completion	: 23-08-2023
Sampling Method	: WI/ST/A	Sample ID	: 0823/ST07074
Duration Sampling	: 15min	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	12.1	40	IS 11255 (Part-6):1999 Clause 5

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/000274/23-	Issue Date : 28-08-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1No.

Date of Sampling : 19-08-2023

Packing / Seal : Sealed

Sample Received Date : 21-08-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-08-2023

Date of Completion : 23-08-2023

Sampling Method : WI/ST/A

Sample ID : ETL/000274/23-

Duration Sampling : 30min

Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Diameter	m	5.00	-	-
2	HCl	mg/Nm ³	2.20	20	USEPA (Part-0050)

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : ETL/004760/23-	Issue Date : 28-08-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1No.
Date of Sampling : 19-08-2023	Packing / Seal : Sealed
Sample Received Date : 21-08-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 21-08-2023	Date of Completion : 23-08-2023
Sampling Method : WI/ST/A	Sample ID : ETL/004760/23-
Duration Sampling : 30min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	HCl	mg/Nm ³	3.50	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007774F	Issue Date : 22-09-2023
ULR No : TC588523000007774F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07774

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	1.00	-	-
3	Flue Gas Temperature	°C	137	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	9900	-	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	10.5	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	14.9	50	IS 11255 (Part-7):2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007775F	Issue Date : 22-09-2023
ULR No : TC588523000007775F	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 DG 320 KVA

Sampling By : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07775

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	94	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	393	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	84.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	23.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	17.8	50	IS 11255 (Part-7):2005

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Page 1 of 1



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Environmental Testing Laboratory

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007776F	Issue Date : 22-09-2023
ULR No : TC588523000007776F	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 DG 625 KVA

Sampling By : Vihang Patel

Qty / Nos of Sample : 1 / 1 No

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07776

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	118	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	353	-	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	25.4	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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Page 1 of 1

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

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

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007777F	Issue Date : 22-09-2023
ULR No : TC588523000007777F	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 DG 610 KVA	
Sampling By : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : W/ST/A	Sample ID : 0923/ST07777
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	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	375	-	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	24.7	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	17.1	50	IS 11255 (Part-7):2005

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Page 1 of 1

Test Report


Format No : QR/7.8/01	Test Report No : TC58852300007778F	Issue Date : 22-09-2023
ULR No : TC58852300007778F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07778
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	7.00	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm ³ /hr	5765	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	10.2	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	14.5	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	22.9	50	IS 11255 (Part-7):2005

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Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007779F	Issue Date : 22-09-2023
ULR No : TC588523000007779F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07779
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	5.6	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	12.1	50	IS 11255 (Part-7):2005

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Page 1 of 2

Test Report

Format No : QR/7.8/01	Test Report No : ETL/002665/23-	Issue Date : 22-09-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07779
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	2.30	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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Page 2 of 2

Test Report


Format No : QR/7.8/01	Test Report No : TC588523000007780F	Issue Date : 22-09-2023
ULR No : TC588523000007780F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07780
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	7.9	40	IS 11255 (Part 2):1985

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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

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/002666/23-	Issue Date : 22-09-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07780

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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CHECKED BY

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 2 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007781F	Issue Date : 22-09-2023
ULR No : TC588523000007781F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07781

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	27.9	175	IS 11255 (Part-6) 1999 Clause 5

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

CHECKED BY

Sweety Patel (Dy. TM)

AUTHORISED SIGNATORY

Chintan Desai (TM)

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

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

*** End of Report ***

Page 1 of 1

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007782F	Issue Date : 22-09-2023
ULR No : TC588523000007782F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07782
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	6.2	50	IS 11255 (Part-7) 2005

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


CHECKED BY
Sweety Patel (Dy.TM)


AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

Page 1 of 2



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

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/002668/23-	Issue Date : 22-09-2023
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	: Vihang Patel	Qty / Nos of Sample	: 1 / 1 No.
Date of Sampling	: 13-09-2023	Packing / Seal	: Sealed
Sample Received Date	: 14-09-2023	Protocol / Purpose	: Stack Gas Analysis
Date of Starting of Test	: 14-09-2023	Date of Completion	: 16-09-2023
Sampling Method	: WI/ST/A	Sample ID	: 0923/ST07782
Duration Sampling	: 60 min	Fuel	: --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCl	mg/Nm ³	2.60	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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*** End of Report ***

Page 2 of 2

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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

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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007783F	Issue Date : 22-09-2023
ULR No : TC588523000007783F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07783

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	8.5	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO ₂)	ppm	14.7	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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Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/005114/23-	Issue Date : 22-09-2023
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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07783
Duration Sampling : 60 min	Fuel : --

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCl	mg/Nm ³	3.90	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)

AUTHORISED SIGNATORY
Chintan Desai (TM)

CHECKED BY
Sweety Patel (Dy.TM)

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*** End of Report ***

Page 2 of 2



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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



TC - 5885

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007784F	Issue Date : 22-09-2023
ULR No : TC588523000007784F	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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07784

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	8.4	50	IS 11255 (Part-7):2005

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

AUTHORISED SIGNATORY

Chintan Desai (TM)

CHECKED BY

Sweety Patel (Dy.TM)

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Page 1 of 2



ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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

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Test Report

Format No : QR/7.8/01	Test Report No : ETL/005115/23-	Issue Date : 22-09-2023
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 : Vihang Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 13-09-2023

Packing / Seal : Sealed

Sample Received Date : 14-09-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 14-09-2023

Date of Completion : 16-09-2023

Sampling Method : WI/ST/A

Sample ID : 0923/ST07784

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)

C. R. Desai

AUTHORISED SIGNATORY

Chintan Desai (TM)

Sweety Patel

CHECKED BY

Sweety Patel (Dy.TM)

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

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*** End of Report ***

Page 2 of 2

Test Report

Format No : QR/7.8/01	Test Report No : TC588523000007785F	Issue Date : 22-09-2023
ULR No : TC588523000007785F	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 : Vihang Patel	Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 13-09-2023	Packing / Seal : Sealed
Sample Received Date : 14-09-2023	Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 14-09-2023	Date of Completion : 16-09-2023
Sampling Method : WI/ST/A	Sample ID : 0923/ST07785
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	16.5	40	IS 11255 (Part-6):1999 Clause 5

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

Annexure-X
Medical Report
For Employees

Dr. AGRAWAL DIAGNOSTIC CENTRE
ALAKNANDA BUILDING D-3/304, LOKGRAM, Kalyan (E) -421306. [Thane-M.S]

COMPANY : AARTI PHARMALABS LTD (CSD) DATE : 04\07\2023
 CUSTOM SYNTHESIS DIVISION, VAPI CODE : 56000637 BL II

NAME : UMESH TYAMBAK BHONDE AGE : 27 yrs. NO : 98
HEIGHT : 172 c.m. SEX : M WEIGHT : 59 kg.

Present Complaints: No complaints.

Past History : Non significant.

Personal History : Non significant.

Family History : Non significant.

GENERAL EXAMINATION :
Temp : Afebrile Pulse : 94 /min Regular BP:120/70 mm of Hg.
Pallor, Icterus, Cyanosis, Clubbing : No

CARDIO VASCULAR SYSTEM : Nad
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 No
 Right N6 6\6 GLASSES No
 Left N6 6\6 GLASSES No
 Colour Vision : Acceptable

E.N.T. : Nad

OTHER FINDINGS : Nil

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : UMESH TYAMBAK BHONDE

NO : 98

LABORATORY INVESTIGATIONS

HAEMATOLOGY :

PATIENT'S VALUE :		NORMAL RANGE	
Total RBC Count	: 5.00 millions	4 to 5	millions.
Total WBC Count	: 7.800 Thousand	4 to 10	Thousand.
Total PLATELET	: 3.37 LACS	1.5 to 4.5	LACS.
Haemoglobin	: 14.90 gm %	14 to 16	gm% [M]
		12 to 14	gm% [F]

Differential Count

Neutrophils	: 57 %	45 to 65	%
Lymphocytes	: 36 %	30 to 45	%
Monocytes	: 3 %	01 to 04	%
Eosinophils	: 4 %	1 to 3	%
Basophils	: 0 %	0 to 1	%

ESR	: 06 mm.	0 to 10	mm. - Male
[Western Green Method]		0 to 20	mm. - Female

BLOOD SUGAR : (GOD-POD)
RANDOM SAMPLE : 82 mg% (Normal Range: 70 - 160 mg %)

Sr_creatine : 0.82 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 : AB+
EXT_TEST\COMMENT : No

URINE EXAMINATION :

PHYSICAL EXAMINATION :

Quantity	: 15 c.c.	Deposit	: No.
Colour	: Pale	Reaction	: acidic
Appearance	: Clear	Specific Gravity	: 1.010

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 : UMESH TYAMBAK BHONDE

SR. NO : 98

X-RAY CHEST (DIGITAL) : No abnormality is detected.

O2 SATURATION (SPO2) : 98 (NORMAL-MORE THAN 95%)

PFT-SPIROMETRY : With in normal limits.

AUDIOMETRY :

Freq. KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB) :	25	25	10	25	30	25	15	10	25
Left (DB) :	25	30	25	15	20	30	25	30	15

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)

Sr. No. : 98

Date : 04-Jul-2023

ID : 265 Height : 172 cms Ethnic Group : Indian
 Name : UMESH TYAMBAK BHONDE Weight : 59 kgs Predicted : Indian
 Age & Sex : 27 yrs old MALE BSA : 1.68 sqr mtr.

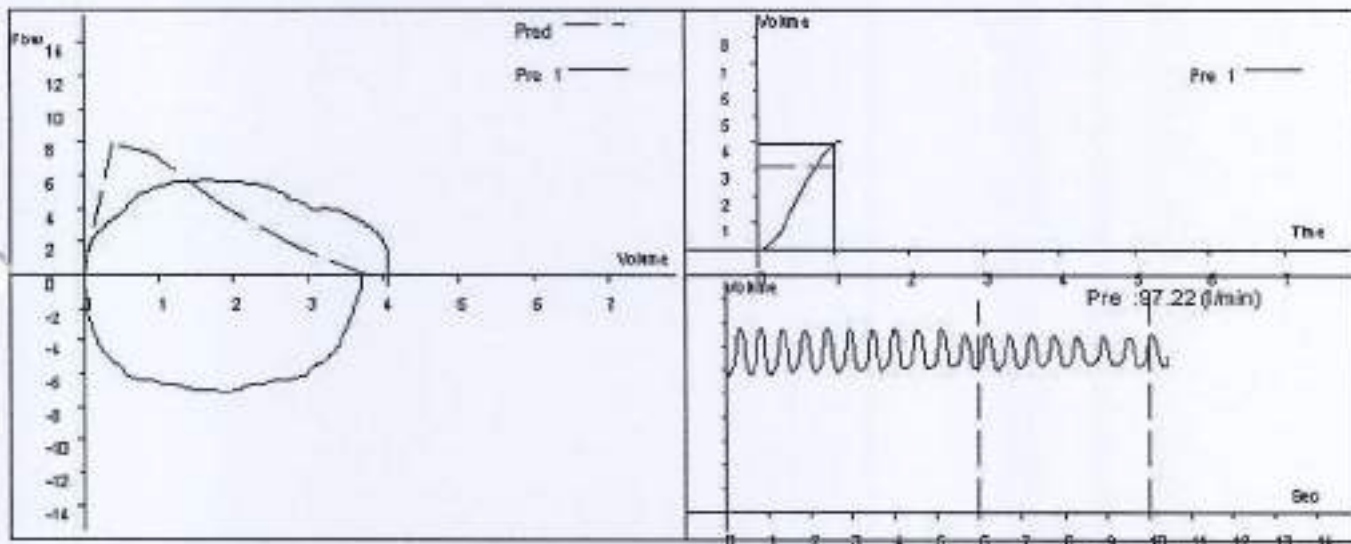
Smoker : No
 History :
 Medication :
 Comment :
 Operator : Administrator

Spirometry Test Parameters

Abbr.	Unit	Pred.	Pre-Medication Obs. %Pred.	Post-Medication Obs. %Pred.
Best FVC	l	3.77	4.06 108	0.00 000
Best FEV1	l	3.11	3.96 127	0.00 000
Best PEF	l/s	7.95	5.81 073	0.00 000

Abbr.	Unit	Pred.	Pre-Med. Obs. %Pred.	Imp
FVC	l	3.77	4.06 108.00	---
FEV 1	l	3.11	3.96 127.00	---
FEV 1/FVC	%	82.49	97.56 118.00	---

Abbr.	Unit	Pred.	Pre-Med. Obs. %Pred.	Imp
MVV	l	115.67	97.22 84.00	---



Agarwal

Referring Doctor :

()

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME : PAWAN KUMAR SHUKLA

NO : 199

LABORATORY INVESTIGATIONS

HAEMATOLOGY :

PATIENT'S VALUE :

NORMAL RANGE

Total RBC Count	: 4.55	millions	4 to 5	millions.
Total WBC Count	: 8.400	Thousand	4 to 10	Thousand.
Total PLATELET	: 2.31	LACS	1.5 to 4.5	LACS.
Haemoglobin	:13.40	gm %	14 to 16	gm% [M]
			12 to 14	gm% [F]

Differential Count

Neutrophils	:65 %	45 to 65	%
Lymphocytes	:30 %	30 to 45	%
Monocytes	:1 %	01 to 04	%
Eosinophils	:4 %	1 to 3	%
Basophils	:0 %	0 to 1	%

ESR	:06	mm.	0 to 10	mm. - Male
[Western Green Method]			0 to 20	mm. - Female

BLOOD SUGAR	: (GOD-POD)			
RANDOM SAMPLE	: 95	mg%	(Normal Range: 70 - 160	mg %)

Sr_creatine	: 0.79	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_TEST\COMMENT	: No

URINE EXAMINATION :

PHYSICAL EXAMINATION :

Quantity	: 15 c.c.	Deposit	: No.
Colour	: Pale	Reaction	: acidic
Appearance	: Clear	Specific Gravity:	1.010

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 : PAWAN KUMAR SHUKLA

SR. NO : 199

X-RAY CHEST (DIGITAL) : No abnormality is detected.

O2 SATURATION (SPO2) : 97 (NORMAL-MORE THAN 95%)

PFT-SPIROMETRY : With in normal limits.


AUDIOMETRY :

Freq. KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB) :	15	25	15	20	20	25	30	35	30
Left (DB) :	25	15	30	25	30	35	25	30	25

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)

Sr. No. : 199

Date : 04-Jul-2023

ID : 369
 Name : PAWAN KUMAR SHUKLA
 Age & Sex : 24 yrs old MALE

Height : 169 cms
 Weight : 66 kgs
 BSA : 1.76 sqr mtr.
 Ethnic Group : Indian
 Predicted : Indian

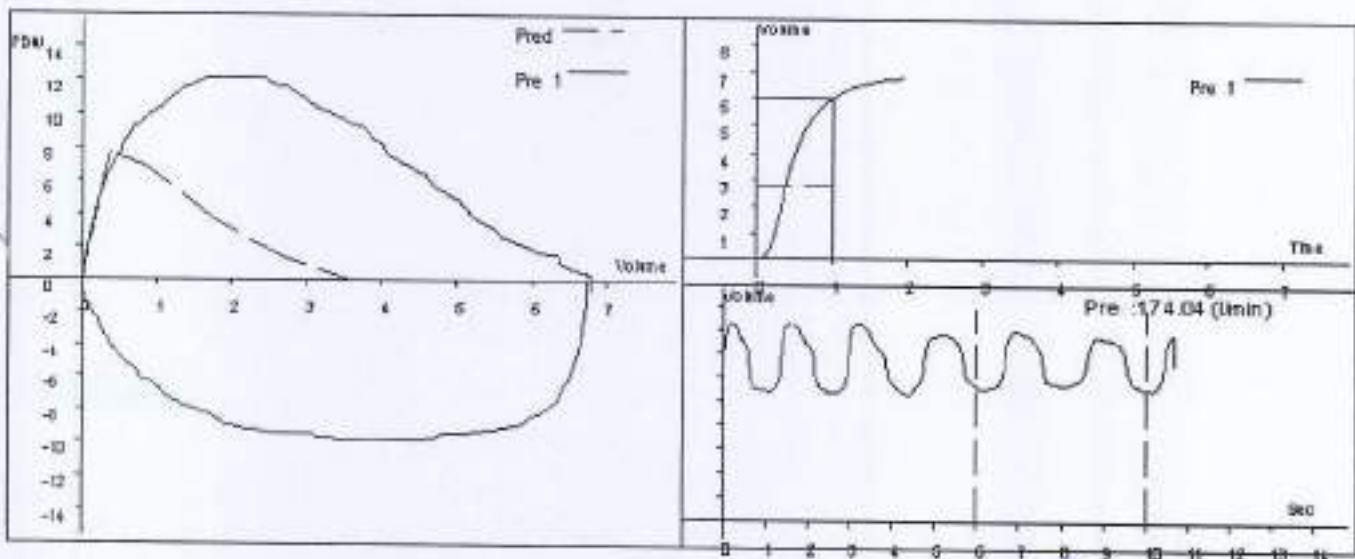
Smoker : No
 History :
 Medication :
 Comment :
 Operator : Administrator

Spirometry Test Parameters

Abbr.	Unit	Pred.	Pre-Medication		Post-Medication	
			Obs.	%Pred.	Obs.	%Pred.
Best FVC	l	3.63	6.78	187	0.00	000
Best FEV1	l	2.76	6.00	217	0.00	000
Best PEF	l/s	7.67	12.14	158	0.00	000

Abbr.	Unit	Pred.	Pre-Med		imp
			Obs.	%Pred.	
FVC	l	3.63	6.78	187.00	--
FEV 1	l	2.76	6.00	217.00	--
FEV 1/FVC	%	76.03	88.45	116.00	--
FEF 50	l/s	3.59	9.77	272.00	--

Abbr.	Unit	Pred.	Pre-Med		imp
			Obs.	%Pred.	
MVV	l	107.83	174.04	161.00	--



Agarwal

Referring Doctor :

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Annexure-XI

Advertisement

In Newspaper

કારોબારોની વલસાડ જિલ્લા કોંગ્રેસ પ્રમુખ દિનેશભાઈ બાણભાઈ પટેલની અધ્યક્ષતા હેઠળ એક બેઠકનું આયોજન

૨૦૨૨ માં વિધાનસભાની ચૂંટણી અંગે વિસ્તૃત કાર્યકાર્યોની અને પદાધિકારીઓ તથા ચૂંટાયેલા પ્રતિનિધિઓ સાથે ચર્ચા વિચારણા

કાર્યકાર્યો વધાવી કાર્યક્રમને આગમન આપ્યું હતો.

- અનુસંધાન પાના ૭ પર પહેલા પાનાનું ચાલુ..

વકસીનકાન 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 પાલીબાડી 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 શાકાદા દેખાતા હતા જણાવતાં જ વન વિભાગના કર્મચારીઓ દોડી આવ્યા હતા અને કિનારે જ પાકો ખોદીને છાટી 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 ભયકર 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.

પંચાયતના પ્રમુખ ઉપપ્રમુખઓની હાજરીમાં વલસાડ જિલ્લાના તાલુકા કક્ષાના તમામ અધિકારીઓ અને પદાધિકારીઓની સાથે સંકલન અને ચર્ચા કરવામાં આવી હતી.

આ સેમિનારમાં આયોજના દિપકભાઈ જોષી અને શતાબ્દીબેન પંડેએ ઉપસ્થિત અધિકારીઓ અને પદાધિકારીઓને જરૂરી કિશોરવ્યવસ્થા કર્યા હતા તેમજ તમામ તાલુકા

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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કાર્યાવરણીય મંજૂરી

આથી પણ ઘટનામાં સામે છે કે, રાજ્ય પર્યાવરણ અંતર એકોસમેન્ટ અધિકાર, ગુજરાતએ મે/એચ. આરતી ઈન્ડસ્ટ્રીઝ લિમિટેડ (કરતમ સિન્થેસિસ ડિવિઝન), ૨૨/સી/૧ અને ૨, હુઆઈડીસી એસ્ટેટ, પ્રથમ તબક્કો, વાપી તાલુકા અને જિલ્લા વલસાડ, ગુજરાતને દવાઓ મદ્યાર્થી અને વિશેષતાના ટસાયલોન સુધિત દિવાદાનના વિસ્તરણ માટે પર્યાવરણ મંજૂરી ફાઈલ નં. SEIAAVGUJEC/5(F)/B74/2021, તારીખ ૧૬ જુન, ૨૦૨૧ના રોજ માન્યતા આપી દીધી છે. મંજૂરી પત્રની નકલ ગુજરાત પ્રમુખ નિવંત્રણ બોર્ડ (વાપી અને ગોઈનગર) તથા પર્યાવરણ વન અને હવામાન પરિવર્તન મંત્રાલય, ભોપાલની ઈ-ગેટી પર મુકવામાં આવેલ છે. મંજૂરી પત્રની નકલ રાજ્ય સારે પર્યાવરણ અંતર એકોસમેન્ટ અધિકાર (SEIAA), ગુજરાતની ઈલેક્ટ્રોનિક્સ <https://seiaa.gujarat.gov.in> પર પણ જોઈ શકાયો.

સહી/-
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