

Ref. No.: AARTI/VAPI/ENV/NAS/2024-2025/038

Date: 21.11.2024

To,  
Deputy Director General,  
Forest (Central) Regional Office - Gandhinagar,  
A Wing - 407 & 409, Aryan Bhawan,  
Near CH-3 Circle, Sector - 10A,  
Gandhinagar - 382010.

**Subject: Half-yearly environment clearance conditions compliance report for the period April 2024 to September 2024.**

Ref. : EC No. SEIAA/GUJ/EC/5(f)/1558/2021 Dtd. on 14/10/2021

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of April-2024 to September-2024 in respect to the above mentioned references of Environment Clearance for Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No.24,25 Phase-1, GIDC Vapi, Dist. Valsad, Gujarat.  
Unit has obtained EC letter No. SEIAA/GUJ/EC/5(f)/1558/2021 dated 14/10/2021, Plot No. 24, 25 Phase-1, GIDC, Vapi, Dist. Valsad, Gujarat.

Thank you.

Yours Faithfully,

**For Aarti Industries Limited (Nascent Division)**



**Authorized Signatory**

**COPY TO**

1) Email to  
Central Pollution Control Board,  
Vadodara,

2) Email to SEIAA, Gujarat

3) The Member Secretary  
Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector - 10 / A  
Gandhinagar - 382010

4) Uploaded in Parivesh, MoEF&CC  
Portal


**M/s. Aarti Industries Limited (Nascent division), Plot no. 24,25 Phase-1, GIDC Vapi, Dist: Valsad.**

**Compliance report of Environmental Clearance File No. SEIAA/GUJ/EC/5(f)/1558/2021 on 14/10/2021**

**Period April-2024 to September-2024**

	Name of product	Capacity in MT/ Annum	As on Actual MT/Month		Remarks																
1	Mono Chloro Benzene (MCB)	28800	<div>Complied</div> <table><thead><tr><th>Name of product</th><th>Total Qty. for Apr - 2024 to Sept - 2024</th></tr></thead><tbody><tr><td>Monochloro Benzene(MCB)</td><td rowspan="4">12148.4</td></tr><tr><td>Ortho Dichloror Benzene (ODCB)</td></tr><tr><td>Para Dichloro Benzene (PDCB)</td></tr><tr><td>DCB Mixture</td></tr><tr><td>Trichloro Benzene</td><td rowspan="2">277.575</td></tr><tr><td>Meta Dichloro Benzene (MDCB)</td></tr><tr><td>123 Trichloro Benzene (123 TCB)</td><td>0.000</td></tr><tr><td>2,4 DichlorofluoroBenzene (2,4 DCFB)</td><td rowspan="3">186.1</td></tr><tr><td>2,4Difluoro Chloro Benzene ( 2,4 DFCB)</td></tr><tr><td>2,6 Dichloro fluoro Benzene (2,6 DCFB)</td></tr></tbody></table>		Name of product	Total Qty. for Apr - 2024 to Sept - 2024	Monochloro Benzene(MCB)	12148.4	Ortho Dichloror Benzene (ODCB)	Para Dichloro Benzene (PDCB)	DCB Mixture	Trichloro Benzene	277.575	Meta Dichloro Benzene (MDCB)	123 Trichloro Benzene (123 TCB)	0.000	2,4 DichlorofluoroBenzene (2,4 DCFB)	186.1	2,4Difluoro Chloro Benzene ( 2,4 DFCB)	2,6 Dichloro fluoro Benzene (2,6 DCFB)	<p>The unit having a valid CCA is attached as <a href="#">Annexure-A1</a> and CCA amendment is attached as <a href="#">Annexure-A2</a>.</p> <p>The unit having a valid EC is attached as <a href="#">Annexure-B</a>.</p> <p>Note: Unit is partially convert EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB &amp; 2 6 DCFB, 2 4 6 TFCB, PDCB Only Flaking Rest of products will be covered during Phase-2. And 1) Ranolazine &amp; Niraparib Hydrochloride product quantity will be applied during CCA amendment phase-2 application. 2) We received a CCA amendment for 2000 MT against 6000 MT during the CCA amendment phase-2 application for TCB group. 3) Calcium Chloride Solution @ 12000 MT will be applied during CCA amendment phase-2.</p>
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	Crude Dichloro Benzene (Crude DCB)																				
3	Trichloro Benzene (TCB) OR	6000																			
	Crude Trichloro Benzene (TCB)																				
4	Meta Dichloro Benzene (MDCB)	2400																			
5	2,4 DichloroFluoro Benzene(2,4 DCFB)	2400																			
6	2,4 DifluoroCholoro Benzene (2,4 DFCB) OR																				
	2,6 DicholoroFlouro Benzene (2,6 DCFB)																				
7	2,4,6 Trifluoro Chloro Benzene (2,4,6 TFCB)	0																			
8	PDCB (Only Flaking)	21600																			
9	Ranolazine	240																			

10	Niraparib Hydrochloride			
11	Calcium Chloride Solution	12000		
Total		73440 MT/Year	Total production is 12612.075 MT in the period April 2024 to September 2024	

Sr. No.	EC conditions	Compliance status
<b>A.1 SPECIFIC CONDITIONS:</b>		
1	PP shall not carry out sand blasting activities within premises which are prohibited activities and as per the notarized undertaking submitted.	<p><b>Complied</b></p> <p>The unit does not carry out sand blasting activities within premises which are prohibited activities and as per the notarized undertaking submitted.</p>
2	Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB direction to all SPCB vide letter no B-29016/04/06PCI-1/5401 dated 05/02/2014 for effluent discharge and Air Emission as per pollutants 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 [For small/Large/Medium (Red category) & Whichever (Air emission & Effluent discharge) is applicable].	<p><b>Complied</b></p> <p>We have installed and connected the OCEMS system to CPCB and GPCB server as per CPCB guideline for ETP treated water and 6 TPH boiler.</p> <p>The unit has initiated the procedure to integrate OCEMS connectivity to GLens - GPCB and RTDMS-CPCB portals for the CEMS system.</p> <p>Screenshot is attached below:</p> 

3	All measures shall be taken to prevent soil and groundwater contamination.	<b>Complied</b>  The unit has taken all necessary precautions and monitored the soil from time to time to eliminate soil & water contamination, all process areas are provided with proper flooring and catchment pit so that spills, if any, gets collected, transferred and properly treated in inhouse treatment systems. PCC flooring is provided for prevention of Soil contamination.
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4	The National Ambient Air quality Emission standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
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**Complied**

The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (ENPRO). The results of the analysis are provided in the table. A copy of the analysis report has been attached as **Annexure-1**.

**ENPRO NABL Certification No.: TC-5885**

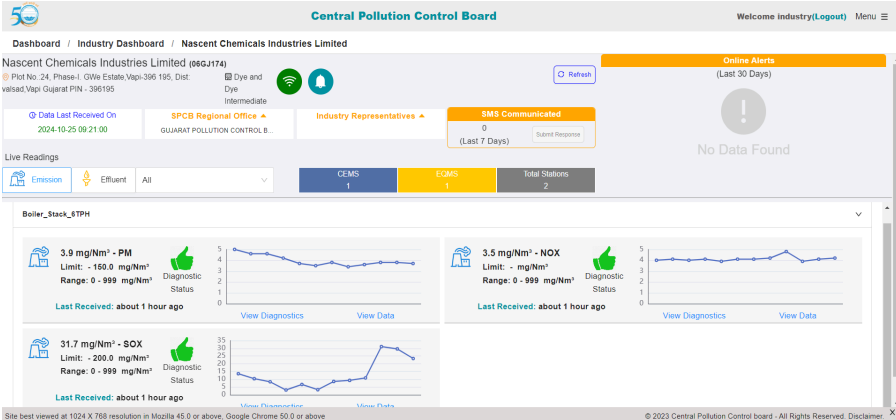
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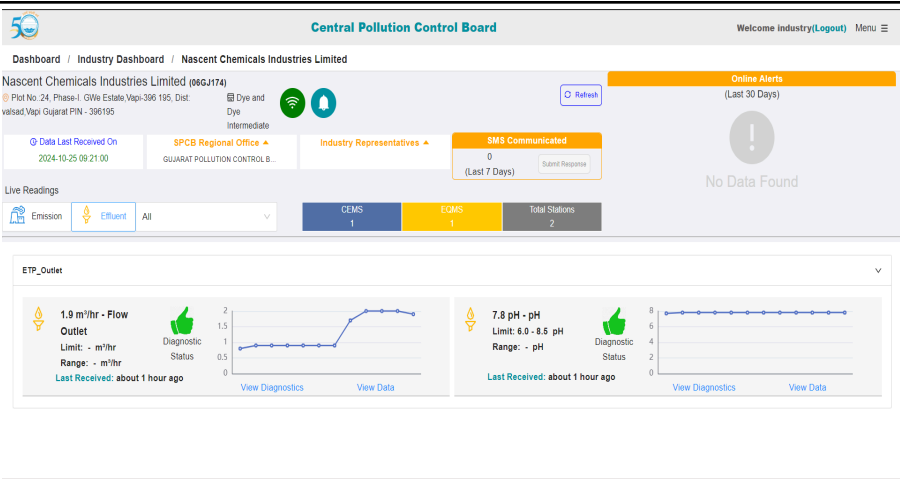
5	National Emission standards for organic Chemical manufacturing industries issued by the ministry vide G.R.S. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<p><b>Complied</b></p> <p>National Emissions Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.</p> <p>All process vents are in a closed loop. We continuously monitor VOC by portable instruments in the plant area. We are also conducting monitoring and analysis by NABL/MOEF &amp; CC / GPCB authorized parties (Unistar Environment &amp; Research Labs Pvt. Ltd.) on a monthly basis for the same. Also the unit has applied for partial EC to CCA for phase-1.</p>
6	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 & consistence with the same.	<p><b>Complied</b></p> <p>The unit has taken all necessary precautions and monitored the soil from time to time to eliminate soil &amp; water contamination, all process areas are provided with proper flooring and catchment pit so that spills, if any, gets collected, transferred and properly treated in inhouse treatment systems. PCC flooring is provided for prevention of Soil contamination.</p>
7.	The project proponent must strictly adhere to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.	<p><b>Complied</b></p> <p>The unit is strictly adhered to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.</p>
8.	The PP shall develop Green belt (2018 sq m (9.3%) within premises + 2149 sq m (9.90%) in outside periphery of the unit + 4920 Sq m (22.60%) in GIDC Vapi area =9087 sq m i.e 41.80% of the Total plot area) as committed before SEAC. Green belt 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 3 years of operation phase in consultation with GPCB.	<p><b>Partially Complied</b></p> <p>The unit has developed greenbelt 1249 sq m (7% Inside) within premises +1391 (8% outside) premises. The rest part will be converted during phase-2 expansion activity.</p> <p>Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB &amp; 2 6 DCFB. Rest of products will be covered during Phase-2.</p>
9	<b><u>Safety &amp; Health:</u></b>	
a	PP shall obtain PESO permission for the storage and handling of hazardous chemicals.	<p><b>Complied</b></p> <p>The unit has valid PESO permission for the storage and handling of hazardous chemicals attached as <a href="#">Annexure-2</a>.</p>

b	PP shall provide Occupational Health Center (OHC) as per provisions under the Gujarat Factories Rule 68-U.	<b>Complied</b>  The unit has developed an OHC with all medical facilities, including a Factory Medical Officer and Staff Nurse. Currently, Dr. Hiral Dalal is working as the Unit OHC Doctor, and Mr. Rushtam Janjar is working as the Unit OHC Nurse
c	PP shall obtain fire safety certificate/Fire No-Objection certificate (NOC) from the concerned authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.	<b>Noted &amp; Complied</b>  We conducted fire adequacy for the unit.
d	Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes	<b>Complied</b>  The unit has an automation system and the whole process has been controlled by the DCS system.
e	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.	<b>Complied</b>  We are ensuring to carry out mock drills within the premises as per the prevailing guidelines of safety and we have also displayed a proper evacuation plan in the manufacturing area in case of any emergency or accident.
f	PP shall install an adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.	<b>Complied</b>  We are ensuring to install an adequate fire hydrant system with foam trolley attachment within premises and separate storage of water.
g	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.	<b>Complied</b>  Separate Hazardous materials storage areas with dyke walls are provided.
h	PP shall take all the necessary steps for human safety within premises to ensure that no harm is caused to any worker/employee or labor within premises.	<b>Complied</b>  The unit has provided Proper PPE to the worker/employee and regular training is provided.
I	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	<b>Complied</b>  The unit has installed flameproof electrical fittings in the plant premises.
j	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	<b>Noted &amp; Complied</b>
k	Unit shall provide effective isolation for the Process area and storage of hazardous chemicals.	<b>Complied</b>

		The unit has a proper isolated tank farm area for the storage of the Hazardous chemical and also the dyke pit constructed to control spillage of any chemicals.
L	(1) unit shall provide effective fire hydrants, water monitors & foam Application system at solvent storage tank farm area.(2) Unit shall provide adequate safety system such as a water sprinklers, water curtains, form pouring system etc. to restrict cascade fire emergency in solvent tank farm.	<b>Noted &amp; Complied</b>
10	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.	<b>Noted &amp; Complied</b>
11	Unit shall stand in compliance to office Memorandum (OM ) vide Letter No.22-23/2018 - IA.III (Pt) dated 31/10/2019 regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (published on 23/08/2019) in Original Application No. 1038/2018.	<b>Noted &amp; Complied</b>
12.	No project/activity in contradiction to the orders passed by the Hon'ble National Green Tribunal (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.	<b>Noted</b>
13.	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.( if there is in-house solvent recovery and in-house distillation)	<b>Not applicable</b>
14.	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR logbooks shall be maintained.	<p><b>Complied</b></p> <p>The unit has implemented the LDAR program during plant operation as per CPCB guidelines. The unit will ensure the below listed conditions for the LDAR program.</p> <ol style="list-style-type: none"> <li>1. Approaches for controlling fugitive emissions from equipment leaks shall have proper selection, installation and maintenance of non-leaking or leak-tight equipment. Following initial testing after commissioning, the monitoring for leak detection is to be carried out as a permanent on-going Leak Detection and Repair (LDAR) programme. Finally detected leaks are to be repaired within an allowable time frame.</li> <li>2. Monitoring Requirements and Repair Schedule: Following frequency of monitoring of leaks and schedule for repair of leaks shall be followed:</li> </ol>

			Components	Frequency of monitoring	Repair Schedule
				Quarterly (semiannual after two consecutive periods with < 2% leaks and annual after 5 periods with 2% leaks)	Repair will be started within 5 working days and shall be completed within 15 working days after detection of leak for general hydrocarbons.  In the case of benzene, the leak shall be attended immediately for repair.
			Pump Seals	Quarterly	
			Compressor Seals	Quarterly	
			Pressure Relief Devices	Quarterly	
			Pressure Relief Devices (after venting)	Within 24 hours	
			Heat Exchanger	Quarterly	
			Process drains	Annually	
			Components that are difficult to monitor	Annually	
			Pumps seals with visible liquids dripping	Immediately	Immediately
			Any components with visible leaks	Immediately	Immediately
			Any components after repair/replacement	Within Five days	-

15.	Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sanding to CHWIF/TSDf sites respectively.	<p><b>Complied</b></p> <p>The unit is ensuring to explore the possibilities for environment friendly methods for disposal of Incinerable &amp; land fillable wastes before sanding to CHWIF/TSDf sites respectively.</p>
16.	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 pollutant 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]	<p><b>Complied</b></p> <p>The unit has installed an OCEMS system for ETP treated water discharge and 6 TPH boiler. The unit is in the process of installing a CEMS system for air emissions with a CPCB server.</p> <p>Screenshot is attached for reference purpose.</p> 

		
17.	All measures shall be taken to prevent soil and groundwater contamination.	<b>Complied</b>  All measures are taken to prevent soil and groundwater contamination.
18.	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.	<b>Complied</b>  The unit is complying with The National Ambient Air Quality Emission standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009.
19.	National Emission standard for Organic Chemicals Manufacturing Industries issued by the Ministry vide G.S.R. No. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<b>Complied</b>
20.	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 & consistence with the same.	<b>Complied</b>
21.	Unit shall provide CCTV Camera at strategic location within premises with lab 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).	<b>Complied</b>  The unit has provided (Internet Protocol) cameras having PAN, Tilt, Zoom (PTZ) CCTV cameras at strategic locations within premises with a lab link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises.
22.	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.	<b>Complied</b>  Schedule-2 Environmental auditor is allotted by GPCB from recognized



auditors M/s. Green Circle Inc. for third party Environment audit.

**A. 2 WATER:**

23. Total water requirement for the project shall not exceed 921.80 KLD Unit shall reuse 119 KLD of treated industrial effluent within premises Hence, fresh water requirement shall not exceed 802.80 KLD and it shall be met through GIDC water supply only Prior permission from concerned authority for withdrawal of water shall be obtained for withdrawal of water.

**Compiled**

Total Water Requirement is not exceeding 921.80 KL/Day and fresh water requirement is not exceeding 802.80 KL/Day. Water consumption is under the prescribed limit.

Particular	Unit	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24
Fresh Water Consumptions	Total KL/ Month	8007	9258	8743	8257	7177	6370

The water consumption is within the prescribed limit.

In addition to this, the unit is also maintaining a logbook for the water consumption day-to-day basis.

Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB & 2 6 DCFB. Rest of products will be covered during Phase-2.

24. The industrial effluent generation from the project shall not exceed 166.40 KLD.

**Complied**

The Industrial effluent generation has not exceeded 166.40 KLD.

MONTH	Industrial Effluent generation
	KL/Month
Apr-24	813
May-24	961

		<table><tr><td>Jun-24</td><td>971</td></tr><tr><td>Jul-24</td><td>880</td></tr><tr><td>Aug-24</td><td>831</td></tr><tr><td>Sep-24</td><td>842</td></tr></table> <p>All discharge quantities are within the permissible limit.</p> <p>Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB &amp; 2 6 DCFB. Rest of products will be covered during Phase-2.</p>	Jun-24	971	Jul-24	880	Aug-24	831	Sep-24	842																
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25	<p>Industries effluent shall be segregated into two streams.(1) High COD and TDS Effluent (2) Low COD and TDS effluent and its shall be managed as below.</p> <p><b>High COD and TDS Effluent (54.57 KLD)</b></p> <ul style="list-style-type: none"><li>➤ 35.40 KLD , High COD and TDS Effluent from Process &amp; Scrubber and 19.17 KLD ,RO reject after neutralization shall be treated in MEE. 49.70 KLD. MEE condensate shall be reused within premises. In case of shutdown/maintenance of MEE, 54.57 KLD, High COD Effluent shall be sent to CMEE - BEIL for further treatment &amp; Disposal.</li></ul> <p><b>Low COD and TDS Effluent (131 KLD)</b></p> <ul style="list-style-type: none"><li>➤ 16 KLD, Low COD Effluent from process &amp; scrubber and 115 KLD, Low COD effluent from Utility &amp; Washing shall be treated in ETP consists of primary &amp; tertiary treatment units.</li><li>➤ Out of 131 KLD, Treated effluent 54.53KLD shall be sent to CETP -VGEL, Vapi for further treatment &amp; disposal and 76.47 KLD shall be treated in In-house Ro.</li><li>➤ 57.30 KLD, RO permeate shall be reused within premises.</li></ul>	<p><b>Complied</b></p> <p>The unit has installed MVR &amp; ATFD for treatment of high TDS effluent.</p> <table><tr><th>Particular</th><th>Unit</th><th>Apr-24</th><th>May-24</th><th>Jun-24</th><th>Jul-24</th><th>Aug-24</th><th>Sep-24</th></tr><tr><td>High COD &amp; TDS Effluent</td><td>Total KL/Mon th</td><td>55.26</td><td>272.12</td><td>206.96</td><td>147.39</td><td>153.12</td><td>228.78</td></tr><tr><td>Low COD and TDS Effluent</td><td>Total KL/Mon th</td><td>813</td><td>961</td><td>971</td><td>881</td><td>833</td><td>860</td></tr></table> <p>Note: Unit is partially converted EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB &amp; 2 6 DCFB. Rest of products will be covered during Phase-2.</p>	Particular	Unit	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	High COD & TDS Effluent	Total KL/Mon th	55.26	272.12	206.96	147.39	153.12	228.78	Low COD and TDS Effluent	Total KL/Mon th	813	961	971	881	833	860
Particular	Unit	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24																			
High COD & TDS Effluent	Total KL/Mon th	55.26	272.12	206.96	147.39	153.12	228.78																			
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26.	Unit shall feed wastewater to in-house MEE only after ensuring content of Effluent for COD/VOC so as not to get airborne during evaporation in order to achieve no adverse impacts on Environment and Human Health.	<b>Noted &amp; will be Complied</b>  The unit has installed an MVR system to ensure content of effluent for COD/VOC so as not to be airborne during evaporation to ensure no adverse impacts on Environment and Human Health.
27	Project proponent (PP) shall adopt appropriate methods for segregation of waste water streams based on characteristics at source and its sound management keeping in view direction under section 18 (1) (b) of the Water (prevention and control of pollution ) act 1974 issued by CPCB regarding compliance of CETP.	<b>Complied</b>  The unit has proper segregations methods/ Separate tanks for collection of wastewater streams.
28	Treated wastewater shall be sent to CETP-VGEL-Vapi and common MEE-BEIL only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human health and Environment.	<b>Complied</b>
29	Domestic wastewater generation shall not exceed 12 KL/Day for proposed projects and it shall be treated in STP. It shall not be disposed off through a soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purposes within premises after achieving on-land discharge norms prescribed by the GPCB.	<b>Noted &amp; Complied</b>  The unit has installed STP for domestic wastewater and treated sewage is utilized for gardening and plantation purposes within premises-
30	During monsoon season when treated sewage may not be required for plantation/Gardening/Green belt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case.	<b>Noted &amp; Complied</b>  Unit will ensuring during monsoon season when treated sewage may not be required for plantation/Gardening/Green belt purpose, it shall be stored within premise
31	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days and during any shut down of in-house MEE.	<b>Noted &amp; Complied</b>  The unit has provided a buffer water storage tank of adequate capacity for storage of treated wastewater.
32	The unit shall provide metering facilities at the inlet and outlet of ETP, MEE,RO & STP and maintain records for the same.	<b>Complied</b>  The unit shall provide metering facilities at the inlet and outlet of ETP.
33	Proper logbooks of ETP,MEE,RO & STP;reuse/recycle of treated/untreated effluent;chemical consumption in effluent treatment; quantity & quality of treated effluent;power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	<b>Complied</b>  The unit has maintained records for proper logbooks of ETP, Chemical consumption in effluent treatment, quantity & quality of treated effluent and power consumption records.

**A.3 AIR:**

34	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.	<b>Complied</b>  Flue gas emission & process gas emissions have conformed to the standards prescribed by the GPCB/CPCB/MoEF&CC.																																																			
35	Unit shall not exceed fuel consumption for boilers, thermopacks and D G Sets as mentioned below: <table><tr><th>Sr . No</th><th>Source of Emission</th><th>Stack Height( meter)</th><th>Fuel Type</th><th>Quant ity of Fuel</th><th>Types of Pollution</th><th>Air pollution control Measures (APCM)</th></tr><tr><td>1</td><td>Boiler-I (10 T/Hr)</td><td>Height: 30 Meter Dia: 0.8 Meter</td><td>Impo rted Coal</td><td>2085 kg/Hr</td><td>PM,SOX, NOX</td><td>ESP+Lime dosing along with coal with 30m stack height &amp; OCEMS will be provided.</td></tr><tr><td>2</td><td>Boiler-II (10 T/Hr)</td><td>Height: 30 Meter Dia: 0.8 Meter</td><td>Impo rted Coal</td><td>2085 kg/Hr</td><td>PM,SOX, NOX</td><td>ESP+Lime dosing along with coal with 30m stack height &amp; OCEMS will be provided.</td></tr><tr><td>3</td><td>Thermopac k (6 Lakh Kcal/Hr)</td><td>Height: 27.5 Meter Dia:0.4 01 Meter</td><td>Impo rted Coal</td><td>100 kg/Hr</td><td>PM,SOX, NOX</td><td>Bag filter+Lime dosing along with coal with 27.5 m stack height will be provided.</td></tr><tr><td>4</td><td>Thermopac k</td><td>Height: 16.5</td><td>HSD</td><td>35 kg/Hr</td><td>PM,SOX, NOX</td><td>16.5 m stack height will be</td></tr></table>	Sr . No	Source of Emission	Stack Height( meter)	Fuel Type	Quant ity of Fuel	Types of Pollution	Air pollution control Measures (APCM)	1	Boiler-I (10 T/Hr)	Height: 30 Meter Dia: 0.8 Meter	Impo rted Coal	2085 kg/Hr	PM,SOX, NOX	ESP+Lime dosing along with coal with 30m stack height & OCEMS will be provided.	2	Boiler-II (10 T/Hr)	Height: 30 Meter Dia: 0.8 Meter	Impo rted Coal	2085 kg/Hr	PM,SOX, NOX	ESP+Lime dosing along with coal with 30m stack height & OCEMS will be provided.	3	Thermopac k (6 Lakh Kcal/Hr)	Height: 27.5 Meter Dia:0.4 01 Meter	Impo rted Coal	100 kg/Hr	PM,SOX, NOX	Bag filter+Lime dosing along with coal with 27.5 m stack height will be provided.	4	Thermopac k	Height: 16.5	HSD	35 kg/Hr	PM,SOX, NOX	16.5 m stack height will be	<b>Complied</b>  The data of the last six months are given in the following table. <table><tr><th colspan="2">Coal Consumption</th></tr><tr><th>Month</th><th>Total Consumption (MT/Month)</th></tr><tr><td><b>Apr-24</b></td><td>732.96</td></tr><tr><td><b>May-24</b></td><td>1739.22</td></tr><tr><td><b>Jun-24</b></td><td>1583.60</td></tr><tr><td><b>Jul-24</b></td><td>1674.70</td></tr><tr><td><b>Aug-24</b></td><td>1290.67</td></tr><tr><td><b>Sep-24</b></td><td>1533.50</td></tr></table> <div>Note: 1. Unit is partially converted EC TO CCA for Phase-1 only for products MCB, ODCB, PDCB, MDCB, Crude DCB, TCB, Crude TCB, MDCB, 2 4 DCFB, 2 4 DFCB &amp; 2 6 DCFB. Rest of products will be covered during Phase-2. 2. The unit has not installed DG sets having capacity of 1500 KVA &amp; 2000KVA.</div>	Coal Consumption		Month	Total Consumption (MT/Month)	<b>Apr-24</b>	732.96	<b>May-24</b>	1739.22	<b>Jun-24</b>	1583.60	<b>Jul-24</b>	1674.70	<b>Aug-24</b>	1290.67	<b>Sep-24</b>	1533.50
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		(2 Lakh Kcal/Hr)	Meter Dia:0.401 Meter				provided.		
	5	DG Set (2000 KVA)	Height: 30 Meter	HSD	600 lit/hr	PM,SOX, NOX	30 m stack height will be provided.		
	6	DG Set (Stand By) (1500 KVA)	Height: 30 Meter	HSD	450 lit/ hr	PM,SOX, NOX	30 m stack height will be provided.		
	<ul style="list-style-type: none"><li>Note-12 MT/Hr Steam generated from the proposed Boilers will be sent to Aarti Industries Limited (Custom Synthesis Division) And 50% of the steam condensate will be received back to the Aarti Industries Limited (Nascent Division) from AIL(CSD).</li><li>Unit will replace existing boilers (3 T/Hr &amp; 6 T/Hr),Thermopacks (2 Lakh Kcal/Hr &amp; 3.5 Lakh Kcal/Hr) and DG Sets (2nos. &amp; 380 KVA ) after proposed expansion.Unit will install two boilers having capacity of 10 TPH (each), two Thermopacks (6 Lakh Kcal/Hr &amp; 2 Lakh Kcal/Hr) and two DG Sets (2000 KVA &amp; 1500 KVA) as mentioned above.</li></ul>								
36	Unit shall provide adequate APCM with flue gas generation sources as mentioned above.							<b>Complied</b> The Unit has installed adequate APCM with Flue gas generation sources, a condition no 35.	
37	Unit shall provide adequate APCM with process gas generation sources as mentioned below.							<b>Complied</b> The unit has adequate APCM with process gas generation sources.	
	Sr No	Sp. Source of Emission (Name of the product & process)	Type of Emission	Stack/vent Height(meter)	Air pollutant control measures (APCM )				
	1	Two stage	Cl2, HCL	Height :12 Meter	Two stage	Month	Three stage scrubber of DFCB Plant(mg/Nm3)	Three stage scrubber of MDCB Plant(mg/Nm3)	Two stage scrubber of MCB Plant (mg/Nm3)
						Apr-24	NOX: 18.1	NOX: 17.8	CL2:6.8

		scrubber of MCB plant (Existing)		Dia: 50mm	water Absorber followed by caustic scrubber		CL2: 4.2	CL2: 3.6	HCL:3.10
	2	Three stage scrubber of MDCB plant (Existing)	Cl <sub>2</sub> , NO <sub>x</sub> , HCl	Height :12 Meter Dia: 150mm	Three stage water Scrubber followed by caustic scrubber	<b>May-24</b>	NOX:15.2 CL2:3.9	NOX:21.5 CL2:4.2	CL2:7.4 HCL:3.4
	3	Three stage scrubber of DFCB plant (Existing)	Cl <sub>2</sub> , NO <sub>x</sub> , HCl	Height :12 Meter Dia: 200mm	Three stage water Scrubber followed by caustic scrubber	<b>Jun-24</b>	NOX:12. CL2:4.2	NOX:17.7 CL2:3.3	CL2:6.9 HCL:2.9
	4	Single stage scrubber of chlorine shed	Cl <sub>2</sub>	Height :12 Meter Dia: 150mm	Single Stage Caustic Scrubber	<b>Jul-24</b>	NOX:11.6 CL2:3.5	NOX:14.9 CL2:2.9	CL2:6.3 HCL:2.5
	5	Single stage scrubber of ETP & Cacl <sub>2</sub>	HCl, NO <sub>x</sub>	Height :12 Meter Dia: 150mm	Single Stage Caustic Scrubber	<b>Aug-24</b>	NOX:17.3 CL2:3.9	NOX:19.3 CL2:3.4	CL2:7.0 HCL:3.1
	6	Two stage scrubber of HCL storage	HCl	Height :12 Meter Dia: 150mm	Water Scrubber followed by Caustic Scrubber	<b>Sep-24</b>	NOX:15.1 CL2:3.2	NOX:16.9 CL2: 3	CL2: 6.5 HCL:3.4
38.	There shall be no process gas emission from manufacturing process and other ancillary operation.					<b>Complied</b>			
39	<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 (eg. Directors of Industrial Safety Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.</p> <ul style="list-style-type: none"> <li>Internal roads shall be either concrete or asphalt or paved properly to reduce the fugitive emission during vehicular movement.</li> </ul>					<b>Complied</b> <p>The unit has followed below guidelines to reduce the fugitive emissions in the work zone.</p> <ul style="list-style-type: none"> <li>➤ Internal roads have been concreted.</li> <li>➤ Water sprinklers have been provided at suitable locations in the plant.</li> </ul>			

	<ul style="list-style-type: none"><li>Air borne dust shall be controlled with water sprinklers at suitable locations in the plant</li><li>A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive &amp; transport dust emission</li></ul>	<p>➤ Green belt has been developed in and around the plant boundary and roads to mitigate fugitive &amp; transport dust emission.</p>																											
40	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	<p><b>Complied</b></p> <p>The fugitive emissions in the work zone environment are monitored by in house facilities as well as done by a third party consultant M/S Enpro Envirotech and Engineers Pvt. Ltd.</p> <table><tr><th colspan="4">Workplace Monitoring Report (Total Dust)</th></tr><tr><th>MONTH</th><th>Coal yard (mg/Nm3)</th><th>PDCB Flaker (mg/Nm3)</th><th>Limit (As given in Schedule-II as per Factories Act 1948) (mg/m3)</th></tr><tr><td>Apr-24</td><td>1.3</td><td>0.84</td><td rowspan="6">10</td></tr><tr><td>May-24</td><td>1.9</td><td>0.89</td></tr><tr><td>Jun-24</td><td>1.5</td><td>0.81</td></tr><tr><td>Jul-24</td><td>1.2</td><td>0.73</td></tr><tr><td>Aug-24</td><td>1.6</td><td>0.77</td></tr><tr><td>Sep-24</td><td>1.9</td><td>0.84</td></tr></table>	Workplace Monitoring Report (Total Dust)				MONTH	Coal yard (mg/Nm3)	PDCB Flaker (mg/Nm3)	Limit (As given in Schedule-II as per Factories Act 1948) (mg/m3)	Apr-24	1.3	0.84	10	May-24	1.9	0.89	Jun-24	1.5	0.81	Jul-24	1.2	0.73	Aug-24	1.6	0.77	Sep-24	1.9	0.84
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41	Regular monitoring of ground level concentration of PM10, PM2.5, SOx, NOx, HCL, Cl2 and VOCs shall be carried out in the impact zone and its record shall be mentioned.Ambient Air Quality level shall not exceed the standards stipulated by GPCB.if at any stage these levels are found to exceed the prescribe limits, necessary additional control measures shall be taken immediately. The location of the station and frequency of monitoring shall be decided in consultation with the GPCB.	<p><b>Compiled.</b></p> <p>We are conducting Ambient air quality monitoring on a weekly basis. We have decided 3 nos. Monitoring stations (main gate, near ETP area and near MCDB control room area) to monitor concentration of PM10, PM2.5, SOX, NOX etc. We have found all parameters are well within permissible limits.</p> <p>We have also provided adequate control measures are described below,</p> <p>➤ Closed handling and charging systems have been provided for chemicals.</p>																											



- > Pumps have been provided with mechanical seals to prevent leakages.
- > Unit has provided an enclosure system for air borne dust at all transfer operations

#### A.4 SOLID/HAZARDOUS WASTE:

42 All the hazardous/ solid waste management shall be taken care of as mentioned below.

S r. N o	Type/N ame of Hazard ous waste	Spe cific Sou rce of gen erati on	Ca teg ory - sc he dul e	Quantity (MT/Annum)			Management of HW
				Exist ing	Pro pos ed	Total	
1	ETP Sludge	From ETP	35.3	7.44 MT/ Year	147.56 MT/ Year	155 MT/ Year	Collected Storage, Transportation and sent to TSDF for Landfilling.,
2	Used or Spent Oil	From Plant and machineries	5.1	0.100 MT/Y ear	9.9 MT/Y ear	10 MT/Ye ar	Collected Storage, Transportation and sent to Registered Refiners/ Recycles,
3	Discarded Container (Drums/ Carboys/ bottles/ bags)	From Raw material Packaging	33.3	2.491 MT/Y ear	47.5 09M T/Ye ar	50 MT/Ye ar	Collection, storage, Decontamination transportation, and sent to authorized recyclers/ TSDF/ Send to Co-processing.
4	Evaporator Salt	From Evaporator	35.3	0	1767 MT/Y ear	1767 MT/Ye ar	Collected Storage, Transportation and sent to TSDF for Landfilling.,
5	Process residue	From Proce	26.1	4.8 MT/Y	808.2	813 MT/Ye	Collected Storage, Transportation and sent

**Complied.**

The solid waste & residue disposed of to BEIL, Dahej, & HCL & NSA (Process Waste) is being sent to under Rule-9 for utilization as raw material in their process through manifest system and GPS.

Month	ETP Sludge (35.3) (MT)	Process Residue (26.1) (MT)	Discarded Bags/ container (33.1) (MT)	Nitrosyl sulfuric acid (B15)	Hydrochloric acid (B15)
Apr-24	14.1	0	0	492.78	2119.32
May-24	85.35	0	0	259.22	2436.35
Jun-24	75.89	0	0	231.58	2246.56
Jul-24	72.21	0	0	0.000	2459.240
Aug-24	28.36	0	0	37.220	1170.740
Sep-24	30.74	20.86	0	360.59	2037.21

**All the disposed quantity are within the prescribed limit**

**The unit is strictly complying with all the regulations mentioned in Hazardous waste rule, 2016 (Manifest-Form 10/Labeling-Form 8/ TREM Card- Form 9/Maintain Records- Form 3/ Annual return submission- Form 4 etc.**

		ss		ear	MT/Y ear	ar	to CHWIF for incineration/ sent to cement Co processing unit.
6	Sodium hypochlo rite	From proce ss	-	0	1292 1 MT/Y ear	12921 MT/Ye ar	Collection, storage Transportation, sold to SPCB or GPCB Approved Units Through Menifest system only.
7	Nitrosyls ulfuric acid	From proce ss	B15	5718. 12 MT/Y ear	1395 1.88 MT/Y ear	19670 MT/Ye ar	Collection, storage Transportation, sold to SPCB or GPCB Approved Units Through Menifest system only.
8	Hydrochl oric acid	From proce ss	B15	2726 4 MT/Y ear	2976 3 MT/Y ear	57027 MT/Ye ar	Collection, storage Transportation, sold to SPCB or GPCB Approved Units Through Menifest system only.
9	Process sludge	From Produ ction of calciu m chlori de.	26.1	0	672 MT/Y ear	672 MT/Ye ar	Collected Storage, Transportation and sent to TSDF for Landfilling.,
10	Mixed Solvent	From proce ss	26.4	0	653 MT/Y ear	653 MT/Ye ar	Collection, storage Transportation, send to CHIWF for Incineration/send to cement industry for co-processing/ Authorized solvent

								recyclers	
	11	Acetone	From process	26.4	0	1791 MT/Year	1791 MT/Year	Recovered and reused within same process	
	12	Methanol	From process	26.4	0	3628 MT/Year	3628 MT/Year	Recovered and reused within same process	
	13	Off Specification Waste	From manufacturing Process/ plant	A4030	0	12MT/Year	12MT/Year	Collection,storage, Transportation and send to CHWTSDf for incineration	
	14	Spent Carbon	From ETP	35.3	–	12MT/Year	12MT/Year	Collection,storage, Transportation and send to cement industry for Co-processing /or send to CHWTSDf for incineration	
	15	Fly Ash	Boiler/ Thermopach	–	90 MT/Year	3650 MT/Year	3740 MT/Year	Collection,Storage,Transportation sell to Brick Manufacturer/ Send to cement Co processing /sent road construction Activity.	
	16	Sewage sludge	From STP		–	5 MT/Year	5 MT/Year	Collection and reused as fertilize/ manure and gardening activity.	
43	<p>Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.</p>								<p><b>Complied</b></p> <p>The unit is selling hazardous waste to authorized end-users having valid permission for utilization as raw material in their process through manifest system and AIS-140 based GPS tracking. Also we have intimated GPCB for the same. Passbook for end user permission</p>

		attached as <a href="#">Annexure-3</a>																												
44	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.	<b>Compiled</b>  The unit is exploring all the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable and land fillable wastes. The unit is in the process of making an agreement with M/s. Ambuja Cement for incinerable to co-processing waste.																												
45	The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to the commencement of production in the absence of potential buyers of these items the unit shall restrict the production of the respective items.	<b>Complied</b>  Unit has made MOU with end-users for utilization, table is attached as below, <table><tr><th>Sr.no.</th><th>List of end users</th></tr><tr><td>1</td><td>M/s. Aarti Industries Limited (Alchemie Organics Division)</td></tr><tr><td>2</td><td>M/s. Aarti Industries Limited (Diamond Division)</td></tr><tr><td>3</td><td>M/s. Aarti Industries Limited (Acid Division)</td></tr><tr><td>4</td><td>M/s. Aarti Industries Limited (Alchemie Organics Division)</td></tr><tr><td>5</td><td>M/s. Aarti industries limited (Amine Division)</td></tr><tr><td>6</td><td>M/s. Aarti Salt &amp; Chemicals</td></tr><tr><td>7</td><td>M/s. Aarti Industries Limited (Unit-II, Jhagadia)</td></tr><tr><td>8</td><td>M/s. Shreeji Industries</td></tr><tr><td>9</td><td>M/s. Valiant Organics Limited</td></tr><tr><td>10</td><td>M/s. Ganesh Polychem Ltd</td></tr><tr><td>11</td><td>M/s. Apex Pharmachem Pvt Limited</td></tr><tr><td>12</td><td>M/s. Hemani Intermediates Pvt. Ltd</td></tr><tr><td>13</td><td>M/s. Shanku's Bio-Sciences Pvt. Ltd</td></tr></table>	Sr.no.	List of end users	1	M/s. Aarti Industries Limited (Alchemie Organics Division)	2	M/s. Aarti Industries Limited (Diamond Division)	3	M/s. Aarti Industries Limited (Acid Division)	4	M/s. Aarti Industries Limited (Alchemie Organics Division)	5	M/s. Aarti industries limited (Amine Division)	6	M/s. Aarti Salt & Chemicals	7	M/s. Aarti Industries Limited (Unit-II, Jhagadia)	8	M/s. Shreeji Industries	9	M/s. Valiant Organics Limited	10	M/s. Ganesh Polychem Ltd	11	M/s. Apex Pharmachem Pvt Limited	12	M/s. Hemani Intermediates Pvt. Ltd	13	M/s. Shanku's Bio-Sciences Pvt. Ltd
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<b>A.5 OTHER:</b>								
46	The Project proponent shall allocate the separate fund of Rs.30.40 Lakhs as complied before SEAC.The entire activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEF&CC OM no. F. No.22-65/2017-IA.III dated 30.09.2020. This shall be monitored and the monitoring report shall be submitted to the regional office of,MoEF&CC as a part of half-yearly compliance report and th the District Collector. The monitoring report shall be posted on the website of the project proponent.	<b>Complied</b>  The project proponent has complied with all the conditions mentioned in “The Companies (Corporate Social Responsibility Policy) Rules 2014” and its amendments from time to time. The CER/CSR activities list have been below <table><tr><td>Nature of Work</td><td>Amount (Rs)</td></tr><tr><td>Garden Maintenance work for Various GIDC notified area and</td><td>11.24 Lac</td></tr></table>	Nature of Work	Amount (Rs)	Garden Maintenance work for Various GIDC notified area and	11.24 Lac		
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47	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. ENPRO Enviro Tech and Engineers Pvt.Ltd and submitted by project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	<b>Noted and will be Complied</b>  All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. ENPRO Enviro Tech and Engineers Pvt.Ltd and submitted by project proponent and commitments made during presentation before SEAC and proposed in the EIA report will be strictly followed.						
<b>B. GENERAL CONDITIONS:</b>								
<b>B.1 CONSTRUCTION PHASE:</b>								
48	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices	<b>Complied</b>  The unit has adopted best construction practices for expansion.						

49	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.	<b>Complied</b>  The unit has installed AAQM monitoring systems at different places for controlling fugitive emission.																					
50	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<b>Complied</b>  The unit has provided all required sanitary and hygienic measures separately for expansion related project work.																					
51	First Aid Box shall be made readily available in adequate quantity at all times.	<b>Complied</b>  First Aid Boxes are available and required Antidotes for the chemicals used in the unit will be made available in adequate quantity before commencement of expansions.																					
52	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act 1995 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be compiled in letter and spirit.	<b>Complied</b>  The project proponent strictly comply with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act 1995 and Gujarat rules made there under and their subsequent amendments.																					
53	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.	<b>Complied</b> <table border="1"> <thead> <tr> <th>MONTH</th><th>Noise level (dB) Day time</th><th>Noise level (dB) Night Time</th></tr> </thead> <tbody> <tr> <td>Apr-24</td><td>70</td><td>62</td></tr> <tr> <td>May-24</td><td>71</td><td>66</td></tr> <tr> <td>Jun-24</td><td>69</td><td>64</td></tr> <tr> <td>Jul-24</td><td>66</td><td>61</td></tr> <tr> <td>Aug-24</td><td>70</td><td>63</td></tr> <tr> <td>Sep-24</td><td>68</td><td>64</td></tr> </tbody> </table>	MONTH	Noise level (dB) Day time	Noise level (dB) Night Time	Apr-24	70	62	May-24	71	66	Jun-24	69	64	Jul-24	66	61	Aug-24	70	63	Sep-24	68	64
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Sep-24	68	64																					

54	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.	<b>Complied</b>  The unit has ensured the requirement of acoustic enclosure for operating the DG sets during existing operation.
55	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured	<b>Complied</b>  The unit ensures safe disposal of waste water & municipal solid wastes which is generated from construction activity which is treated in ETP and after STP installation sewage will be treated in STP. At present no construction activity is going on.
56	All topsoil excavated during construction activity shall be used in horticultural landscape development within the project site.	<b>Complied</b>  The unit is utilizing topsoil and excavated soil for structure leveling purposes.
57	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 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.	<b>Complied</b>  Excavated earth to be generated during the construction phase is utilized within the premises to the maximum extent possible.
58	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	<b>Complied</b>  We are sending 100 % Fly Ash to the end user for the purpose of brick manufacturing.
59	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the EP. Act 1986 and its subsequent amendments from time to time.	<b>Noted &amp; Complied</b>  Fly ash will be used in construction wherever applicable as per provisions of Fly Ash Notification under the EP. Act 1986 and its subsequent amendments from time to time.
60	"Wind-breakers" of appropriate height i.e 1/3rd of the building height and maximum up to 10 meters shall be provided Individual building within the project site shall also be provided with barricades.	<b>Noted &amp; will be Complied</b>  Windbreakers of appropriate height i.e 1/3rd of the building height and maximum up to 10 meters is provided Individual building within the project site along with barricades.
61	"No uncovered vehicles carrying construction material and waste shall be permitted."	<b>Complied</b>
62	"No loose soil or sand or construction & demolition waste or any other	<b>Complied</b>



	construction material that cause dust shall be left uncovered Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured"	
63	Roads leading to or at construction site must be paved and blacktopped (ie metallic roads)	<b>Complied</b>
64	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	<b>Complied</b>
65	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	<b>Complied</b>
66	Grinding and cutting of building materials in open areas shall be prohibited.	<b>Complied</b>
67	Construction material and waste should be stored only within earmarked areas and road side storage of construction material and waste shall be prohibited.	<b>Complied</b>
68	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).	<b>Complied</b>
<b>B.2 OPERATION PHASE:</b>		
<b>B.2.1 WATER:</b>		
69	Industry should provide a separate dedicated washing area for hand washing/bathing of workers and the wastewater generated from the same should be taken into ETP.	<b>Complied</b>  The unit has provided a dedicated hand washing area for workers and the generated waste water is collected and treated in STP.
70	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<b>Complied</b>  The water meter is installed and records of daily and monthly water consumption is maintained.
71	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.	<b>Complied</b>  We have made efforts to optimize water consumption to reduce, recycle and reuse the treated effluent by following best available technology, <ol style="list-style-type: none"> <li>1. The unit has installed an MVR along with an ATFD system for recycling purposes of high TDS/COD values.</li> <li>2. The unit has installed STP for domestic wastewater for reuse in gardening purposes.</li> </ol>

<b>B.2.2 AIR:</b>		
72	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 & its 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.	<b>Not Applicable</b>  As of now the unit has not installed any spray dryer system as it is not the process requirement. Whenever we are installing the spray dryer system unit will ensure the same.
73	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.	<b>Complied</b>  The unit has provided Acoustic enclosure to DG sets to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.
74	Stacks/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission .	<b>Complied</b>  Stacks of adequate height as per prevailing norms are provided for the flue gas and process emissions.
75	All the reactor vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<b>Complied</b>  All the reactor vessels used in the manufacturing process are closed so that no fugitive emission is found.
76	Adequate Air Pollution Control Measures (APCM) shall be provided.	<b>Complied</b>  Adequate Air Pollution Control Measures (APCM) are provided.
77	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.	<b>Noted &amp; Complied</b>
78	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.	<b>Complied</b>
79	Unit shall provide wall to wall carpeting in vehicle movement areas within premises to avoid dusting.	<b>Complied</b>

<b>B.2.3 HAZARDOUS/SOLID WASTE:</b>		
80	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 Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection/treatment/storage/disposal of hazardous wastes.	<p><b>Complied</b></p> <p>The unit is strictly complying with all the regulations mentioned in Hazardous and Other Wastes rule, 2016 (Manifest-Form 10/Labeling-Form 8/ TREM Card- Form 9/Maintain Records- Form 3/ Annual return submission- Form 4 etc. If required in future we will do amendments from time to time.</p>
81	Hazardous wastes shall be driest, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<p><b>Complied</b></p> <p>The unit has a dedicated separate hazardous waste storage having pucca bottom and leachate collection facility.</p>
82	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	<p><b>Complied</b></p> <p>The unit has received permission from BEIL. Certificate copy from CHWIF and TSDF of the same are attached in <a href="#">Annexure-4</a></p>
83	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.	<p><b>Complied</b></p> <p>The unit is ensuring to deploy trucks/Tankers as per the provisions under the Motor Vehicle Act, 1988 and rules made there under for the transportation of hazardous waste. The unit is Following the AIS 140 based GPS tracking System for all the Hazardous Waste Vehicle.</p>
84	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	<p><b>Complied</b></p> <p>The unit is ensuring to deploy trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation.</p>
85	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<p><b>Complied</b></p> <p>The unit is putting all efforts to pre-treat / process the hazardous waste before disposal to TSDF / CHWIF.</p>
86	Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment from time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	<p><b>Noted and complied</b></p>
87	Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWIF, Co-processing and end-users having Rule-9 permission.	<p><b>Complied</b></p>
88	The by-products which fall under the purview of the hazardous and other	<p><b>Complied</b></p>

	wastes(Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions form the concern authority shall be obtained.	
89	Unit shall submit the list of authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production.In absence of potential buyers of these items, the unit shall restrict the production of respective item.	<b>Complied</b>  Details are Given in Point No - 45
90	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.	<b>Complied</b>
<b>B.2.4 SAFETY:</b>		
91	The occupier/manager shall strictly comply with the provisions under the Factories Act 1948 and the Gujarat Factories Rules, 1963.	<b>Complied</b>  The occupier has strictly complied with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.
92	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	<b>Complied</b>  The project management strictly complies with the provisions made in Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended in 2000 for handling of hazardous chemicals.
93	Main entry and exit shall be separate and clearly marked in the facility.	<b>Complied</b>  Main entry & Exit were separated and have been constructed marked clearly.
94	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/emergency vehicle around the premises.	<b>Complied</b>  Sufficient peripheral open passage is provided in the margin area for free movement of fire tender/ emergency vehicle around the premises.
95	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b>  The unit has been constructed as per prevailing rules of government authorities for storage of flammable chemicals.

96	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<p><b>Complied</b></p> <p>The unit has provided a total <b>79</b> numbers of fire extinguishers near the plant and storage area. The fire extinguishers are installed in all the process plants such as MCB,MDCB,DFCB section, Warehouse Plant as well as in ETP, OHC, Admin, Canteen etc. It is installed on every floor in the premises.</p>
97	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic hazardous chemicals.	<p><b>Complied</b></p> <p>Unit is ensuring to take necessary precautions as per the prevailing rules of government authorities for storage and handling of toxic and hazardous chemicals</p>
98	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	<p><b>Complied</b></p> <p>The unit will ensure to maintain optimum quantities of toxic / hazardous chemicals. All necessary permissions are obtained in this regard before commencing the expansion activities.</p>
99	The project management shall ensure to comply with all the environmental protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<p><b>Complied</b></p> <p>The unit has adhered to the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report. The letter submitted to DISH for Risk Assessment Report, Safety Audit Report, QRA study.</p> <p>The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.</p>
100	Only flameproof electrical fittings shall be provided in the plant premises.	<p><b>Complied</b></p> <p>The unit has installed flameproof electrical fittings in the plant premises.</p>
101	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks/containers instead of one single large capacity tank/container.	<p><b>Complied</b></p> <p>Separate Hazardous materials storage areas with dyke walls are provided.</p>
102	As the storage tanks shall be lifted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<p><b>Complied</b></p> <p>The unit has installed necessary engineering controls to avoid leakages and hazardous chemical storage tanks have been installed inside a Bund/ dyke wall.</p>

103	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<p><b>Complied</b></p> <p>The unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer.</p>
104	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<p><b>Complied.</b></p> <p>The unit has tied up with nearby health care units/ doctors for seeking immediate medical attention in the case of emergency.</p>
105	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<p><b>Complied</b></p> <p>The unit has maintained around 50 types of Personal Protective Equipment (PPEs) and provided the same to workers. The unit has encouraged and ensured that PPE's are used by workers as per the requirement for a particular job role.</p> <p>PPEs- Helmet, Goggles, Safety Shoes, Full body safety suit, Double anchored safety harness, Cartridge mask, antistatic hand gloves, bubble hood etc.</p>
106	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p><b>Complied</b></p> <p>10 Numbers of First Aid Box are available and required Antidotes (Methylene Blue, Dipotherene, etc) for the chemicals used in the unit are available in OHC at site.</p>
107	Training shall be imparted to all the workers on safety and health aspects of chemicals handling..	<p><b>Complied</b></p> <p>Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling chemicals is imparted regularly.</p>
108	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.	<p><b>Complied</b></p> <p>Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Following check up has been carried out in periodical medical checkup. A sample report of company and contract employees is attached as <a href="#">Annexure-5</a></p> <ul style="list-style-type: none"> <li>- General checkup (height, weight, pulse, BP etc)</li> <li>- Blood test ( RBC, WBS, hemoglobin, platelets, blood group, differential</li> </ul>

		count, etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test - Audiometry - met Hb for specific workers
109	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	<b>Complied</b> We ensure that the transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act and Rules.
110	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<b>Complied</b> The unit has implemented all preventive and mitigation measures suggested in the Risk Assessment Report
111	Necessary permissions from various statutory authorities like PESO Factory Inspectorate and others shall be obtained prior to commissioning of the project	<b>Complied</b>
112	Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemicals shall be maintained.	<b>Complied</b>
113	Effective safety provision of safety audit & its compliance report.	<b>Complied</b>
114	Unit shall prepare and implement SOP for safe operation of the works.	<b>Complied</b>
115	Comply the statutory provision of safety audit & its compliance report.	<b>Complied</b>
116	Effective steps shall be taken for prevention of fire, explosion & toxic release.	<b>Complied</b>
<b>B.2.5 NOISE:</b>		
117	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 conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	<b>Complied</b> The Unit has taken necessary noise control measures by providing engineering controls like acoustic insulation hood, silencers, enclosures etc on all sources of noise generation. Unit is monitoring noise level month wise in the operation phase.
<b>B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:</b>		



118	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.	<b>Noted</b>
119	The company shall undertake various waste minimization measures such as:	<b>Complied</b> The Unit has implemented waste minimization measures as mentioned below but not limiting to as given.
a.	Metering and control of quantities of active ingredients to minimize waste	<b>Complied</b>
b	Reuse of by-products from the process as raw materials or as raw materials substitutes	<b>Complied</b>
c	Use of automated and close filling to minimize spillage	<b>Complied</b>
d	Use of close feed system into batch reactors	<b>Complied</b>
e	Venting equipment through vapor recovery system	<b>Complied</b>
f	Use of high pressure hoses for cleaning to reduce wastewater generation.	<b>Complied</b>
g	Recycling of washes to subsequent batches	<b>Complied</b>
h	Recycling of steam condensate	<b>Complied</b>
i	Sweeping/mopping of floor instead of floor washing to avoid effluent generation	<b>Complied</b>
j	Regular preventive maintenance for avoiding leakage, spillage etc	<b>Complied</b>
<b>B.2.7 GREEN BELT AND OTHER PLANTATION:</b>		
120	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.	<b>Complied</b>  The unit has developed a greenbelt area in the GIDC Vapi notified area.

121	Drip irrigation/low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	<b>Partially Complied</b>  The unit will provide a low-angle sprinkler system for the green belt development within the premises.
<b>B 3. OTHER CONDITION:</b>		
122	Project proponents shall have to install an adequate environment management system as per the CPCB/GPCB directives regarding effluent discharge and air emission.	<b>Noted &amp; Complied</b>
123	The project proponent shall obtain all required permissions regarding safety and fire and shall report to SEIAA.	<b>Noted &amp; Complied</b>
124	Project proponent shall carry out mockdrill as per the guideline with proper evacuation plan.	<b>Noted &amp; Complied</b>
125	The Project proponent shall submit six monthly compliance reports to SEIAA & SEAC.	<b>Noted &amp; Complied</b>
126	Integrated Regional office Gandhinagar of NoEF&CC and GPCB shall monitor all environment =, safety & health norms as per the prevailing rules.	<b>Noted &amp; Complied</b>
127	Unit shall comply with 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).	<b>Noted &amp; Complied</b>
128	The provisions of solid waste management rules,2016, e-Waste (Management) Rules,2016,the Construction and Demolition Waste management Rule,2016 and the Plastic waste Management Rules,2016 shall be followed.	<b>Noted &amp; Complied</b>
129	Rain water harvesting (Off-site) shall be undertaken to conserve freshwater 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).	<b>Complied</b>  The Unit has installed a Rain water harvesting system at the boiler area. And also identifying other areas for the same.

130	The unit shall join and participate financially and technically for any common environment 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.	<b>Noted &amp; Complied</b>
131	Applicable 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.	<b>Complied</b>  The unit has installed a 4.5 KW solar system for illumination of common areas, lighting for gardens and street lighting.
132	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purposes.	<b>Complied</b>  The area earmarked as green area is used only for plantation and shall not be altered for any other purposes.
133	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.	<b>Noted &amp; Complied</b>
134	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.	<b>Noted &amp; Complied</b>
135	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.	<b>Noted &amp; Complied</b>
136	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	<b>Noted &amp; Complied</b>
137	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.	<b>Noted &amp; Complied</b>
138	Pucca flooring/impervious layer shall be provided in the work areas,chemical storage areas and chemical handling areas to minimize soil contamination.	<b>Complied</b>  Pucca flooring/ impervious layer is provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.

139	Leakages from pipes, pumps shall be minimal and if occurs,shall be arrested promptly.	<b>Complied</b>  Leakages from pipes, pumps are minimal and if occurs, it is arrested promptly.
140	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.	<b>Noted</b>
141	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution)Act,1974,Air (Prevention & Control & Pollution)Act,1981 the Environment (Protection) Act,1986, Hazardous Waste (Management,Handling and Transboundary Movement)Rules,2008 and the Public Liability Insurance Act,1991 along with their amendments and rules.	<b>Noted &amp; Complied</b>
142	The project proponent shall comply with all the conditions mentioned in “The Companies (Corporate Social Responsibility Policy) Rules,2014” and its amendments from time to time in a letter and spirit.	<b>Noted &amp; Complied</b>
143	The Project management shall ensure that the 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.	<b>Noted &amp; Complied</b>
144	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 purposes.	<b>Noted &amp; Complied</b>
145	The applicant shall inform the public that the project has been accorded environment 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 newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and other in English.A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<b>Noted &amp; Complied</b>



	1st June and 1st December of each calendar year.	
147	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.	<b>Noted</b>
148	The project authorities shall also adhere to the stipulated made by the Gujarat Pollution Control Board.	<b>Noted</b>
149	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	<b>Noted</b>
150	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.	<b>Noted</b>
151	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.	<b>Noted</b>
152	This environmental clearance is valid for seven years from the date of issue.	<b>Noted</b>
153	Any appeal against this environment 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.	<b>Noted</b>
154	Submission of any false or misleading information or data which is material to scoping or appraisal or decision on the application makes the environment clearance canceled.	<b>Noted</b>

Analysis Summary Report for Ambient Air Quality Monitoring	Month: April- 24
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#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.	
Location: Near Security Gate-1 (Way Bridge)	Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
	Parameters	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	05/04/2024	72.6	33.4	23.1	32.9	0.73	19.4	12.3	BDL	BDL	BDL	BDL	BDL
2.	06/04/2024	90.6	49.5	32.5	40.7	0.64	--	--	--	--	--	--	--
3.	12/04/2024	70.1	31.0	19.4	25.7	0.85	--	--	--	--	--	--	--
4.	13/04/2024	91.1	51.3	28.9	36.5	0.81	--	--	--	--	--	--	--
5.	19/04/2024	76.6	38.8	18.2	31.5	0.94	--	--	--	--	--	--	--
6.	20/04/2024	85.6	43.7	31.2	38.8	0.65	--	--	--	--	--	--	--
7.	26/04/2024	80.1	38.8	27.9	36.2	0.75	--	--	--	--	--	--	--
8.	27/04/2024	69.6	32.9	22.5	31.8	0.52	--	--	--	--	--	--	--
	Maximum	91.1	51.3	32.5	40.7	0.94	--	--	--	--	--	--	--
	Minimum	69.6	31.0	18.2	25.7	0.52	--	--	--	--	--	--	--
	Average	79.5	39.9	25.5	34.3	0.74	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*P. P. A.*  
ANALYSED BY

*C. D. D. D.*  
AUTHORIZED SIGNATORY

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



Analysis Summary Report for Ambient Air Quality Monitoring	Month: April - 24
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### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.	
Location: Near MCB Plant	Duration of Sampling: 24 hours

### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	05/04/2024	93.8	52.7	35.7	43.9	0.59	21.7	15.6	BDL	BDL	BDL	BDL	BDL
2.	06/04/2024	72.8	36.1	25.7	35.0	0.71	---	---	---	---	---	---	---
3.	12/04/2024	94.3	54.5	32.1	39.7	0.64	---	---	---	---	---	---	---
4.	13/04/2024	79.8	42.0	21.4	34.7	0.81	---	---	---	---	---	---	---
5.	19/04/2024	85.7	46.9	34.4	42.0	0.48	---	---	---	---	---	---	---
6.	20/04/2024	73.3	34.2	22.6	28.9	0.27	---	---	---	---	---	---	---
7.	26/04/2024	62.6	32.3	21.9	29.1	0.69	---	---	---	---	---	---	---
8.	27/04/2024	83.3	42.0	31.1	39.4	0.42	---	---	---	---	---	---	---
	Maximum	94.3	54.5	35.7	43.9	0.81	---	---	---	---	---	---	---
	Minimum	62.6	32.3	21.4	28.9	0.27	---	---	---	---	---	---	---
	Average	80.7	42.5	28.1	36.5	0.57	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*P. A. Patel*  
ANALYSED BY

*C. K. Desai*  
AUTHORIZED SIGNATORY

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



### Analysis Summary Report for Ambient Air Quality Monitoring

Month: April- 24

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	05/04/2024	85.3	45.5	24.3	36.2	0.61	9.5	18.2	BDL	BDL	BDL	BDL	BDL
2.	06/04/2024	71.7	30.8	18.5	24.7	0.94	---	---	---	---	---	---	---
3.	12/04/2024	81.5	42.3	21.1	30.0	0.69	---	---	---	---	---	---	---
4.	13/04/2024	68.5	29.4	15.3	26.4	0.75	---	---	---	---	---	---	---
5.	19/04/2024	72.4	32.6	23.6	27.8	0.48	---	---	---	---	---	---	---
6.	20/04/2024	78.3	39.4	19.1	25.8	0.59	---	---	---	---	---	---	---
7.	26/04/2024	65.7	29.5	15.4	21.3	0.81	---	---	---	---	---	---	---
8.	27/04/2024	84.2	38.6	25.4	36.2	0.72	---	---	---	---	---	---	---
	Maximum	85.3	45.5	25.4	36.2	0.94	---	---	---	---	---	---	---
	Minimum	65.7	29.4	15.3	21.3	0.48	---	---	---	---	---	---	---
	Average	75.9	36.0	20.3	28.5	0.69	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*Butel P.A.*  
ANALYSED BY

*C. K. K. K.*  
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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**ENPRO**  
Environment,  
Energy, Water  
Project Consultant

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: May- 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-1 (Way Bridge)

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	03/05/2024	87.5	45.1	23.9	34.2	0.54	19.4	12.3	BDL	BDL	BDL	BDL	BDL
2.	04/05/2024	69.8	29.5	20.3	30.1	0.69	---	---	---	---	---	---	---
3.	10/05/2024	92.4	50.7	31.2	37.9	0.43	---	---	---	---	---	---	---
4.	11/05/2024	76.3	32.5	19.4	24.7	0.85	---	---	---	---	---	---	---
5.	17/05/2024	82.8	43.7	28.4	36.0	0.79	---	---	---	---	---	---	---
6.	18/05/2024	73.6	35.2	16.2	23.7	0.94	---	---	---	---	---	---	---
7.	24/05/2024	77.3	36.0	25.1	33.4	0.58	---	---	---	---	---	---	---
8.	25/05/2024	82.4	39.6	23.7	30.4	0.43	---	---	---	---	---	---	---
9.	31/05/2024	67.5	32.1	13.4	19.6	0.75	---	---	---	---	---	---	---
10.	01/06/2024	76.8	38.5	19.4	26.1	0.52	---	---	---	---	---	---	---
	Maximum	92.4	50.7	31.2	37.9	0.94	---	---	---	---	---	---	---
	Minimum	67.5	29.5	13.4	19.6	0.43	---	---	---	---	---	---	---
	Average	78.6	38.2	22.0	29.6	0.65	---	---	---	---	---	---	---
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

AUTHORIZED SIGNATORY

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





**ENPRO**  
Environment,  
Energy, Water  
Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## Environmental Testing Laboratory

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

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: May - 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.  
Location: Near MCB Plant

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	03/05/2024	76.4	36.3	28.1	39.2	0.84	23.1	18.5	BDL	BDL	BDL	BDL	BDL	
2.	04/05/2024	85.2	46.7	32.5	45.7	0.62	---	---	---	---	---	---	---	
3.	10/05/2024	69.4	31.2	17.5	23.6	0.98	---	---	---	---	---	---	---	
4.	11/05/2024	84.0	46.2	25.6	38.9	0.67	---	---	---	---	---	---	---	
5.	17/05/2024	77.5	38.4	26.8	33.1	0.53	---	---	---	---	---	---	---	
6.	18/05/2024	93.4	52.7	34.5	41.9	0.66	---	---	---	---	---	---	---	
7.	24/05/2024	87.5	46.2	23.8	34.1	0.42	---	---	---	---	---	---	---	
8.	25/05/2024	89.9	51.1	38.6	46.2	0.87	---	---	---	---	---	---	---	
9.	31/05/2024	91.4	53.7	23.0	31.8	0.53	---	---	---	---	---	---	---	
10.	01/06/2024	73.8	35.2	16.7	22.1	0.37	---	---	---	---	---	---	---	
	Maximum	93.4	53.7	38.55	46.2	0.98	---	---	---	---	---	---	---	
	Minimum	69.4	31.2	16.7	22.1	0.37	---	---	---	---	---	---	---	
	Average	82.8	43.7	26.7	35.6	0.64	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY  
Patel P.A.

AUTHORIZED SIGNATORY

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

### Analysis Summary Report for Ambient Air Quality Monitoring Month: May- 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-2
Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	03/05/2024	68.2	27.3	15.0	21.2	0.45	5.2	16.4	BDL	BDL	BDL	BDL	BDL	
2.	04/05/2024	81.8	42.0	23.4	32.7	0.56	---	---	---	---	---	---	---	
3.	10/05/2024	73.4	34.1	16.5	21.8	0.95	---	---	---	---	---	---	---	
4.	11/05/2024	86.9	45.2	22.4	36.9	0.85	---	---	---	---	---	---	---	
5.	17/05/2024	71.5	32.3	20.4	29.6	0.61	---	---	---	---	---	---	---	
6.	18/05/2024	78.0	38.8	17.6	26.5	0.32	---	---	---	---	---	---	---	
7.	24/05/2024	87.5	46.3	26.4	35.1	0.42	---	---	---	---	---	---	---	
8.	25/05/2024	74.8	35.9	19.2	28.6	0.62	---	---	---	---	---	---	---	
9.	31/05/2024	69.2	28.5	14.7	20.5	0.54	---	---	---	---	---	---	---	
10.	01/06/2024	84.5	42.6	26.1	34.7	0.78	---	---	---	---	---	---	---	
	Maximum	87.5	46.3	26.4	36.9	0.95	---	---	---	---	---	---	---	
	Minimum	68.2	27.3	14.7	20.5	0.32	---	---	---	---	---	---	---	
	Average	77.5	37.3	20.1	28.7	0.61	---	---	---	---	---	---	---	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

Patel P. A.  
ANALYSED BY

AUTHORIZED SIGNATORY

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



<b>Analysis Summary Report for Ambient Air Quality Monitoring</b>	<b>Month: June-2024</b>
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### 1. GENERAL DETAILS:

<b>Name of Industry:</b> Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
<b>Location:</b> Near Security Gate-2
<b>Duration of Sampling:</b> 24 hours

### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	07/06/2024	93.6	54.8	37.3	40.5	0.79	8.6	16.9	BDL	BDL	BDL	BDL	BDL
2.	08/06/2024	73.1	33.4	32.6	35.3	0.86	--	--	--	--	--	--	--
3.	14/06/2024	83.6	43.3	26.8	30.4	0.68	--	--	--	--	--	--	--
4.	15/06/2024	70.5	31.7	17.4	20.6	0.77	--	--	--	--	--	--	--
5.	21/06/2024	75.3	35.2	30.8	33.5	0.54	--	--	--	--	--	--	--
6.	22/06/2024	80.4	39.5	18.4	24.2	0.75	--	--	--	--	--	--	--
7.	28/06/2024	68.4	27.6	14.9	19.1	0.62	--	--	--	--	--	--	--
8.	29/06/2024	59.2	25.4	15.3	17.5	0.58	--	--	--	--	--	--	--
	Maximum	93.6	54.8	37.3	40.5	0.86	--	--	--	--	--	--	--
	Minimum	59.2	25.4	14.9	17.5	0.54	--	--	--	--	--	--	--
	Average	75.5	36.3	24.1	27.6	0.70	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*Patel P. A.*  
ANALYSED BY

*C. K. ...*  
AUTHORIZED SIGNATOR

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: June-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near MCB Plant

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	07/06/2024	91.5	52.3	34.7	41.4	0.88	20.3	13.8	BDL	BDL	BDL	BDL	BDL
2.	08/06/2024	88.6	46.9	30.3	38.5	0.73	--	--	--	--	--	--	--
3.	14/06/2024	76.9	38.5	29.4	35.7	0.61	--	--	--	--	--	--	--
4.	15/06/2024	81.5	41.2	31.7	34.3	0.78	--	--	--	--	--	--	--
5.	21/06/2024	72.6	32.8	19.8	17.5	0.81	--	--	--	--	--	--	--
6.	22/06/2024	60.4	29.4	26.7	32.1	0.58	--	--	--	--	--	--	--
7.	28/06/2024	65.3	26.5	21.2	28.8	0.47	--	--	--	--	--	--	--
8.	29/06/2024	57.2	24.6	16.5	14.6	0.45	--	--	--	--	--	--	--
	Maximum	91.5	52.3	34.7	41.4	0.88	--	--	--	--	--	--	--
	Minimum	57.2	24.6	16.5	14.6	0.45	--	--	--	--	--	--	--
	Average	74.2	36.5	26.2	30.3	0.66	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

C. A. D. S.  
AUTHORIZED SIGNATORY

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: June-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.
Location: Near Security Gate-1 (Way Bridge)
Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m³	µg/m³	µg/m³	µg/m³	mg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	ng/m³	ng/m³
1.	07/06/2024	90.8	49.6	29.3	38.6	0.79	20.1	15.3	BDL	BDL	BDL	BDL	BDL
2.	08/06/2024	88.6	45.3	30.5	37.9	0.86	--	--	--	--	--	--	--
3.	14/06/2024	76.2	35.7	26.1	30.6	0.75	--	--	--	--	--	--	--
4.	15/06/2024	83.5	43.6	35.6	40.2	0.62	--	--	--	--	--	--	--
5.	21/06/2024	78.7	35.4	20.7	26.3	0.58	--	--	--	--	--	--	--
6.	22/06/2024	70.4	31.6	28.3	32.5	0.74	--	--	--	--	--	--	--
7.	28/06/2024	65.3	28.2	16.5	19.4	0.62	--	--	--	--	--	--	--
8.	29/06/2024	61.7	25.3	14.6	17.5	0.54	--	--	--	--	--	--	--
	Maximum	90.8	49.6	35.6	40.2	0.86	--	--	--	--	--	--	--
	Minimum	61.7	25.3	14.6	17.5	0.54	--	--	--	--	--	--	--
	Average	76.9	36.8	25.2	30.3	0.68	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*Patel P. A.*  
ANALYSED BY

*C. N. Desai*  
AUTHORIZED SIGNATORY

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





**ENPRO**  
Environment,  
Energy, Water  
Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## Environmental Testing Laboratory

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

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: July-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24. Phase-I, GIDC, Vapi.

Location: Near Security Gate-1 (Way Bridge)

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters	Unit	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	05/07/2024	72.3	33.4	37.9	41.2	0.65	18.4	13.6	BDL	BDL	BDL	BDL	BDL
2.	06/07/2024	58.5	24.6	29.8	36.4	0.72	--	--	--	--	--	--	--
3.	12/07/2024	69.3	28.2	42.3	46.5	0.54	--	--	--	--	--	--	--
4.	13/07/2024	52.4	21.5	35.6	41.2	0.43	--	--	--	--	--	--	--
5.	19/07/2024	66.6	26.7	24.5	30.3	0.39	--	--	--	--	--	--	--
6.	20/07/2024	70.7	31.2	18.7	23.6	0.24	--	--	--	--	--	--	--
7.	26/07/2024	63.1	25.3	21.3	26.8	0.19	--	--	--	--	--	--	--
8.	27/07/2024	54.8	23.2	15.4	18.4	0.22	--	--	--	--	--	--	--
	Maximum	72.3	33.4	42.3	46.5	0.72	--	--	--	--	--	--	--
	Minimum	52.4	21.5	15.4	18.4	0.19	--	--	--	--	--	--	--
	Average	63.5	26.7	28.2	33.0	0.42	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*Patel P.A.*  
ANALYSED BY

*C. K. Desai*  
AUTHORIZED SIGNATORY

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





**ENPRO**  
Environment,  
Energy, Water  
Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## Environmental Testing Laboratory

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: July-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.  
Location: Near MCB Plant

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	05/07/2024	67.4	26.5	35.3	42.4	0.78	17.4	12.5	BDL	BDL	BDL	BDL	BDL	
2.	06/07/2024	55.3	24.6	26.2	33.6	0.65	--	--	--	--	--	--	--	
3.	12/07/2024	69.9	31.7	19.5	25.7	0.54	--	--	--	--	--	--	--	
4.	13/07/2024	74.2	34.3	31.4	49.5	0.39	--	--	--	--	--	--	--	
5.	19/07/2024	58.7	29.4	28.6	36.3	0.44	--	--	--	--	--	--	--	
6.	20/07/2024	64.8	25.2	16.4	25.4	0.26	--	--	--	--	--	--	--	
7.	26/07/2024	49.6	21.5	21.5	28.9	0.33	--	--	--	--	--	--	--	
8.	27/07/2024	51.3	23.1	17.7	19.8	0.29	--	--	--	--	--	--	--	
	Maximum	74.2	34.3	35.3	49.5	0.78	--	--	--	--	--	--	--	
	Minimum	49.6	21.5	16.4	19.8	0.26	--	--	--	--	--	--	--	
	Average	61.4	27.0	24.5	32.7	0.46	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

AUTHORIZED SIGNATORY

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: July-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.  
Location: Near Security Gate-2

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	05/07/2024	77.3	36.4	37.4	40.9	0.81	7.5	14.4	BDL	BDL	BDL	BDL	BDL
2.	06/07/2024	61.5	25.6	24.2	33.5	0.63	--	--	--	--	--	--	--
3.	12/07/2024	49.8	22.3	30.8	36.4	0.74	--	--	--	--	--	--	--
4.	13/07/2024	69.7	32.5	19.2	24.3	0.58	--	--	--	--	--	--	--
5.	19/07/2024	58.9	28.4	42.5	52.6	0.65	--	--	--	--	--	--	--
6.	20/07/2024	63.6	26.2	37.2	41.8	0.46	--	--	--	--	--	--	--
7.	26/07/2024	56.2	24.1	17.8	21.4	0.33	--	--	--	--	--	--	--
8.	27/07/2024	50.9	23.7	14.9	19.3	0.25	--	--	--	--	--	--	--
	Maximum	77.3	36.4	42.5	52.6	0.81	--	--	--	--	--	--	--
	Minimum	49.8	22.3	14.9	19.3	0.33	--	--	--	--	--	--	--
	Average	60.9	27.4	28.0	33.7	0.55	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

AUTHORIZED SIGNATORY

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



Analysis Summary Report for Ambient Air Quality Monitoring	Month: Aug-2024
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### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.	
Location: Near Security Gate-1(Way Bridge)	Duration of Sampling: 24 hours

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	02/08/2024	67.3	30.6	27.5	29.4	0.77	18.4	13.6	BDL	BDL	BDL	BDL	BDL	
2.	03/08/2024	75.5	39.5	32.6	36.2	0.83	--	--	--	--	--	--	--	
3.	09/08/2024	56.2	25.4	21.8	24.3	0.64	--	--	--	--	--	--	--	
4.	10/08/2024	73.8	37.1	34.7	39.5	0.89	--	--	--	--	--	--	--	
5.	16/08/2024	69.7	32.8	26.3	30.6	0.52	--	--	--	--	--	--	--	
6.	17/08/2024	58.6	27.3	23.2	25.7	0.49	--	--	--	--	--	--	--	
7.	23/08/2024	70.4	35.7	30.4	35.3	0.72	--	--	--	--	--	--	--	
8.	24/08/2024	54.9	23.5	19.5	21.4	0.37	--	--	--	--	--	--	--	
9.	30/08/2024	61.3	29.4	25.9	27.2	0.48	--	--	--	--	--	--	--	
10.	31/08/2024	52.6	21.2	18.8	20.1	0.33	--	--	--	--	--	--	--	
	Maximum	75.5	39.5	34.7	39.5	0.89	--	--	--	--	--	--	--	
	Minimum	52.6	21.2	18.8	20.1	0.33	--	--	--	--	--	--	--	
	Average	64.0	30.3	26.1	28.9	0.60	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

Patel P. A.  
ANALYSED BY

*C. S. Desai*  
AUTHORIZED SIGNATORY

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

Analysis Summary Report for Ambient Air Quality Monitoring	Month: Aug-2024
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### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near MCB Plant

Duration of Sampling: 24 hours

### 2. Analysis Results:

Sr. No.	Date	Results											
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
1.	02/08/2024	71.5	35.3	30.2	33.5	0.74	15.3	11.2	BDL	BDL	BDL	BDL	BDL
2.	03/08/2024	58.6	29.7	23.3	26.1	0.52	--	--	--	--	--	--	--
3.	09/08/2024	67.4	33.1	28.4	32.2	0.63	--	--	--	--	--	--	--
4.	10/08/2024	55.3	26.4	19.6	21.6	0.45	--	--	--	--	--	--	--
5.	16/08/2024	73.7	37.2	33.3	37.4	0.72	--	--	--	--	--	--	--
6.	17/08/2024	64.8	32.6	25.7	28.3	0.68	--	--	--	--	--	--	--
7.	23/08/2024	54.2	25.5	21.8	23.7	0.49	--	--	--	--	--	--	--
8.	24/08/2024	50.9	22.3	17.2	19.9	0.37	--	--	--	--	--	--	--
9.	30/08/2024	62.1	30.4	24.9	27.2	0.66	--	--	--	--	--	--	--
10.	31/08/2024	52.7	21.8	20.1	24.8	0.41	--	--	--	--	--	--	--
	Maximum	73.7	37.2	33.3	37.4	0.74	--	--	--	--	--	--	--
	Minimum	50.9	21.8	17.2	19.9	0.37	--	--	--	--	--	--	--
	Average	61.1	29.4	24.4	27.5	0.56	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

  
AUTHORIZED SIGNATORY

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



### Analysis Summary Report for Ambient Air Quality Monitoring

Month: Aug-2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours


#### 2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	02/08/2024	62.5	29.8	26.3	30.4	0.66	6.3	13.6	BDL	BDL	BDL	BDL	BDL	
2.	03/08/2024	57.2	25.7	29.8	32.5	0.53	--	--	--	--	--	--	--	
3.	09/08/2024	73.4	37.4	35.4	39.3	0.73	--	--	--	--	--	--	--	
4.	10/08/2024	68.3	33.2	30.2	33.6	0.64	--	--	--	--	--	--	--	
5.	16/08/2024	53.7	24.6	22.7	25.8	0.49	--	--	--	--	--	--	--	
6.	17/08/2024	70.6	35.5	33.6	37.2	0.69	--	--	--	--	--	--	--	
7.	23/08/2024	59.8	27.3	31.5	34.4	0.38	--	--	--	--	--	--	--	
8.	24/08/2024	65.3	31.2	27.2	30.7	0.58	--	--	--	--	--	--	--	
9.	30/08/2024	49.2	20.5	19.7	21.5	0.32	--	--	--	--	--	--	--	
10.	31/08/2024	51.6	22.1	21.8	23.6	0.45	--	--	--	--	--	--	--	
	Maximum	73.4	37.4	35.4	39.3	0.73	--	--	--	--	--	--	--	
	Minimum	49.2	20.5	19.7	21.5	0.32	--	--	--	--	--	--	--	
	Average	61.1	28.7	27.8	30.9	0.54	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

  
AUTHORIZED SIGNATORY

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: September- 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-1(Way Bridge)

Duration of Sampling: 24 hours

Sr. No.	Date	Results											
Parameters	Unit	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As
1.	06/09/2024	61.4	27.5	25.3	29.4	0.65	15.4	11.6	BDL	BDL	BDL	BDL	BDL
2.	07/09/2024	59.5	25.3	23.2	26.7	0.58	--	--	--	--	--	--	--
3.	13/09/2024	73.6	35.2	33.4	36.5	0.76	--	--	--	--	--	--	--
4.	14/09/2024	67.3	32.4	30.5	33.3	0.69	--	--	--	--	--	--	--
5.	20/09/2024	56.2	24.1	22.7	25.6	0.62	--	--	--	--	--	--	--
6.	21/09/2024	47.8	22.6	20.8	23.4	0.39	--	--	--	--	--	--	--
7.	27/09/2024	64.7	28.3	25.6	27.2	0.55	--	--	--	--	--	--	--
8.	28/09/2024	52.1	23.7	21.1	24.8	0.47	--	--	--	--	--	--	--
	Maximum	73.6	35.2	33.4	36.5	0.76	--	--	--	--	--	--	--
	Minimum	47.8	22.6	20.8	23.4	0.39	--	--	--	--	--	--	--
	Average	60.3	27.3	25.3	28.3	0.58	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*Patel P.A.*  
ANALYSED BY

*C. R. Patel*  
AUTHORIZED SIGNATORY

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



### Analysis Summary Report for Ambient Air Quality Monitoring

Month: September- 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near MCB Plant

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results												
Parameters		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO	NH <sub>3</sub>	Ozone	Benzene	BaP	Pb	Ni	As	
Unit		µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>	
1.	06/09/2024	55.3	25.6	23.2	26.4	0.58	14.2	10.6	BDL	BDL	BDL	BDL	BDL	
2.	07/09/2024	67.2	29.3	27.5	30.6	0.69	--	--	--	--	--	--	--	
3.	13/09/2024	71.4	33.5	31.3	35.2	0.75	--	--	--	--	--	--	--	
4.	14/09/2024	69.6	31.4	29.6	32.7	0.71	--	--	--	--	--	--	--	
5.	20/09/2024	58.5	26.1	25.4	28.3	0.56	--	--	--	--	--	--	--	
6.	21/09/2024	65.7	28.2	24.7	29.5	0.64	--	--	--	--	--	--	--	
7.	27/09/2024	50.1	21.8	19.9	23.6	0.48	--	--	--	--	--	--	--	
8.	28/09/2024	53.8	23.7	21.8	25.2	0.52	--	--	--	--	--	--	--	
	Maximum	71.4	33.5	31.3	35.2	0.71	--	--	--	--	--	--	--	
	Minimum	50.1	21.8	19.9	23.6	0.48	--	--	--	--	--	--	--	
	Average	61.5	27.4	25.4	28.9	0.61	--	--	--	--	--	--	--	
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

Patel P. A.  
ANALYSED BY

C. K. Desai  
AUTHORIZED SIGNATORY

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

### Analysis Summary Report for Ambient Air Quality Monitoring

Month: September- 2024

#### 1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Nascent Div.), Plot No.-24, Phase-I, GIDC, Vapi.

Location: Near Security Gate-2

Duration of Sampling: 24 hours

#### 2. Analysis Results:

Sr. No.	Date	Results											
	Parameters Unit	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>
1.	06/09/2024	69.3	31.5	29.2	32.6	0.68	5.2	12.4	BDL	BDL	BDL	BDL	BDL
2.	07/09/2024	57.2	27.6	25.4	28.3	0.56	--	--	--	--	--	--	--
3.	13/09/2024	65.4	30.3	27.5	31.2	0.63	--	--	--	--	--	--	--
4.	14/09/2024	53.5	25.7	23.3	26.4	0.48	--	--	--	--	--	--	--
5.	20/09/2024	61.7	28.2	24.6	29.5	0.59	--	--	--	--	--	--	--
6.	21/09/2024	58.6	26.1	22.7	27.8	0.55	--	--	--	--	--	--	--
7.	27/09/2024	63.2	29.4	26.2	30.3	0.61	--	--	--	--	--	--	--
8.	28/09/2024	51.1	24.8	21.1	25.7	0.46	--	--	--	--	--	--	--
	Maximum	69.3	31.5	29.2	32.6	0.68	--	--	--	--	--	--	--
	Minimum	51.1	24.8	21.1	25.7	0.46	--	--	--	--	--	--	--
	Average	60.0	27.9	25.0	28.9	0.57	--	--	--	--	--	--	--
Permissible Limit (As Per NAAQMS)		100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

*P. J. P. A.*  
ANALYSED BY

*C. K. Joshi*  
AUTHORIZED SIGNATORY

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



## Annexure-2



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, पांचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलपुर

नवी मुंबई (महा.)- 400614

A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),

Mumbai - 400614

E-mail : jtccecmumbai@explosives.gov.in

Phone/Fax No : 022 - 27575946, 27573881

संख्या /No. : P/HQ/GJ/15/576 (P10172)

दिनांक /Dated : 21/08/2019

सेवा में /To.

M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION),  
Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad.,  
GIDC Vapi,  
Vapi,  
Taluka: Vapi,  
District: VALSAD,  
State: Gujarat  
PIN: 396195

विषय /Sub : Plot No. 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 में स्थित विद्यमान पेट्रोलियम वर्ग A,B अधिष्ठापन में पेट्रोलियम नियम 2002 के अंतर्गत प्ररूप XV में जारी अनुज्ञप्ति सं P/HQ/GJ/15/576 (P10172) के ट्रांसफर के संदर्भ में ।  
Existing Petroleum Class A,B Installation at Plot No. 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 - Licence No. P/HQ/GJ/15/576 (P10172) granted in Form XV under Petroleum Rules 2002 Transfer of License regarding.

महोदय /Sir  
(s).

कृपया आपके आवेदन क्रमांक OIN341548 दिनांक 16/08/2019 का अवलोकन करें ।  
Please refer to your application No.: OIN341548, dated 16/08/2019

दिनांक 31/12/2024 तक वैध अनुज्ञप्ति संख्या P/HQ/GJ/15/576 (P10172) दिनांक 21/08/2019 उपरोक्तानुसार आपके नाम विधिवत ट्रांसफर कर लौटाई जा रही हैं ।

Licence No. P/HQ/GJ/15/576 (P10172) dated 21/08/2019 valid upto 31/12/2024 is returned herewith duly transferred in your name as above.

कृपया पावती दें ।

Please acknowledge the receipt.

भवदीय /Yours faithfully.

((ए. के. श्रीवास्तव)  
(A.K.Srivastava))  
विस्फोटक नियंत्रक

Controller of Explosives  
कुते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
नवी मुंबई (महा.)/Mumbai

Copy forwarded to :-

1. The A.D.M. VALSAD, VALSAD(Gujarat) with reference to his NOC No DCB/PETM/NOC/SR.6187 Dated 08/06/1987
2. The Dy. Chief Controller of Explosives, Vadodara. A Copy of the licence along with approved plan is enclosed.
3. M/S NASCENT CHEMICALS INDUSTRIES LTD., 909, RAHEJA CENTRE, NARIMAN POINT, MUMBAI, MUMBAI., Maharashtra. 400021

For Jt. Chief Controller of Explosives  
Mumbai

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

प्ररूप XV  
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)  
FORM XV  
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारण के लिए अनुज्ञप्ति  
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION  
Issued in lieu of Old License in favour of M/S NASCENT CHEMICALS INDUSTRIES LTD.

अनुज्ञप्ति सं. (Licence No.) : P/HQ/GJ/15/576(P10172)

फीस रूप (Fee Rs.) 13500/- per year

M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION), Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad., GIDC Vapi, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 160.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/GJ/15/576(P10172) तारीख 21/08/2019 जो कि इससे उपाबद्ध है, में दिखाए गए स्थान पर भण्डारण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to M/s. AARTI INDUSTRIES LTD. (NASCENT DIVISION), Plot no 24 1st Phase, GIDC Vapi, Dist. Valsad., GIDC Vapi, Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, PIN: 396195 valid only for the importation and storage of 160.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/GJ/15/576(P10172) dated 21/08/2019 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2024 तक प्रवृत्त रहेगी।  
The Licence shall remain in force till the 31st day of December 2024

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	120.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	40.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	160.00 KL

August 11, 1987

Chief Controller of Explosives

अनुज्ञप्त परिसरों का विवरण और अवस्थान  
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित FOUR UNDERGROUND PETROLEUM CLASS A, ONE ABOVEGROUND PETROLEUM CLASS B STORAGE TANKS TOGETHER WITH CONNECTED FACILITIES. सम्मिलित हैं।

The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: 24. GIDC,, VAPI, VAPI, District: VALSAD, State: Gujarat, PIN: 999999 and consists of FOUR UNDERGROUND PETROLEUM CLASS A, ONE ABOVEGROUND PETROLEUM CLASS B STORAGE TANKS TOGETHER WITH CONNECTED FACILITIES. together with connected facilities.





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

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

दूरभाष/Phone/Fax No : 0265 - 2225159

दि/Dated : 19/11/2019

सं/No : G/WC/GJ/06/842(G13992)

सेवा में/To,

M/s. AARTI INDUSTRIES LIMITED (Nascent Division),  
PLOT NO.24, PHASE-1, G.I.D.C., VAPI,  
City: Vapi,  
Taluka: Vapi,  
District: VALSAD  
State: Gujarat  
Pin : 396195

26 NOV 2019

विषय/Sub : Plot No: 24, VAPI GIDC, Village/Town: VAPI GIDC, District: VALSAD, State: Gujarat, Pin : 400021 - में सिलेंडरों में CHLORINE गैस का भंडारण- गैस सिलेंडर नियम, 2016 के फार्म एफ के अंतर्गत जारी अनुज्ञप्ति सं G/WC/GJ/06/842(G13992) - अनुज्ञप्ति अंतरण के बारे में/ Storage of CHLORINE gas in cylinders at Plot No: 24, VAPI GIDC, Village/Town: VAPI GIDC, District: VALSAD, State: Gujarat, Pin : 400021 - Licence No. G/WC/GJ/06/842(G13992) granted in Form F of Gas Cylinders Rules, 2016 - Transfer of Licence regarding.

महोदय/Sir  
(s),

कृपया आपके दि. 07/10/2019 के आवेदन सं. NIL का संदर्भ ग्रहण करें/Please refer to your application No.NIL dated 07/10/2019 .

फार्म एफ में अनुज्ञप्ति सं.G/WC/GJ/06/842 आपके नाम विधिवत अंतरित कर इसके साथ भेजी जा रही है/ The licence number G/WC/GJ/06/842 in Form-F is sent herewith duly transferred in your name.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन इस कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2025 को या इससे पूर्व) जमा कर दें । दिनांक 30 सितम्बर 2025 के पश्चात परंतु दिनांक 30 सितम्बर 2026 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा । दिनांक 30 सितम्बर 2026 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी ।/ The licence is valid upto 30 Sep. 2025 . Please note that application for renewal of the licence shall be submitted so as to reach this office before the licence expires (i.e. on or before 30<sup>th</sup> Septemebr, 2025) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30<sup>th</sup> Septemebr, 2025 but not later than 30<sup>th</sup> September, 2026 shall be considered only with late fee applicable vide Rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30<sup>th</sup> Septemebr, 2026.

कृपया इस पत्र की प्राप्ति की पावती दें । /Please acknowledge the receipt of this letter.

भवदीय/Yours faithfully,

((संजय कुमार)  
(Sanjay Kumar))  
विस्फोटक नियंत्रक

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

Copy forwarded to :-

1. M/S NASCENT CHEMICAL INDUSTRIES LTD, 909 RAHEJA CENTAR  
NARIMAN POINT MUMBAI, PN. 24M GIDC INDUSTRIAL ESTATE VAPI VALS,  
VALSAD, VAPI,, Gujarat, 400021

For Jt. Chief Controller of Explosives  
Mumbai

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें ।]

(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)





फार्म फ / FORM F

नियम 50, 51 और 54 देखें / (See Rules 50, 51 and 54)

Licence to store compressed gas in cylinders

अनुज्ञप्ति संख्या/ Licence No. : G/WC/GJ/06/842(G13992)

वार्षिक शुल्क / Fee Rs. 4000/- per year

M/s. AARTI INDUSTRIES LIMITED (Nascent Division), PLOT NO.24, PHASE-1, G.I.D.C., VAPI, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या G/WC/GJ/06/842(G13992) dated 19/11/2019

में दर्शित किए गए अनुज्ञप्ति परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञप्ति की अन्य शर्तों के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलेण्डरों को रखने के लिए ही विधिमाम्य अनुज्ञप्ति दी जाती है। /

Licence is hereby granted to M/s. AARTI INDUSTRIES LIMITED (Nascent Division), PLOT NO.24, PHASE-1, G.I.D.C., VAPI, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WC/GJ/06/842(G13992) dated 19/11/2019 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुज्ञप्ति 30 सितम्बर 2025 तक प्रवृत्त रहेगी। / The Licence shall remain in force till the 30<sup>th</sup> September 2025.

For Jt. Chief Controller of Explosives  
Mumbai

June 15, 1990

कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
नवी मुंबई (महाराष्ट्र)


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

निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुज्ञप्ति परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमोदित रेखांक सं G/WC/GJ/06/842 dated 19/11/2019 में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/WC/GJ/06/842 dated 19/11/2019 are situated at VAPI GIDC and consists of a storage shed for possession of the gas contained in cylinders as described here under:

गैस का प्रकार / Type of Gas	मात्रा / Quantity
a) विषैले/ Toxic	CHLORINE - 120 Nos.
b) गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	--NIL--
c) गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	--NIL--
d) घुलित एसिटिलीन गैस /Dissolved Acetylene Gas	--NIL--
e) एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f) एलपीजी/ Liquefied Petroleum Gas	--NIL--

और प्लॉट संख्या PlotNo : 24 गली का नाम गांव : VAPI GIDC या नगर पुलिस थाना : GIDC VAPI जिला : VALSAD, राज्या : Gujarat. / and is situated at PlotNo : 24 Village/Town : VAPI GIDC Police Station : GIDC VAPI District : VALSAD, State: Gujarat.

### नवीकरण के पृष्ठांकन के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

	नवीकरण की तारीख/Date of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञप्ति प्राधिकारी के हस्ताक्षर/Signature and stamp of the licensing authority
इस अनुज्ञप्ति को, विस्फोटक अधिनियम, 1884 या उसके अधीन बनाए गए गैस सिलेण्डर नियम, 2016 के उपबंधों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक नवीकृत किया जाएगा। / This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder	02/09/2015	30/09/2025	 <b>S K Shukla</b> DCCE For Jt. Chief Controller of Explosives Mumbai



गैस सिलेंडर नियम, 2016 के अधीन विषाक्त गैस कंटेनरों / सिलेंडर के भरण एवं भंडारण के लिए अतिरिक्त शर्तों/ADDITIONAL CONDITIONS FOR FILLING AND OR STORAGE OF TOXIC GASES CONTAINERS/CYLINDERS UNDER GAS CYLINDER RULES, 2016.

- परिसर में परिचालन स्विच के साथ एक प्रभावशाली अलार्म प्रणाली की व्यवस्था की जाएगी। आपात स्थिति में, परिसर में स्विच ऑपरेट करने पर नियंत्रण कक्ष में अलार्म सुना जा सकेगा।/An efficient alarm system with operating switch in the premises shall be provided. In case of emergency, the alarm can be heard in the control room by operating the switch in the premises.
- विषाक्त गैस के रिसाव की आपात स्थिति के लिए एक आपदा प्रबंधन योजना तैयार की जाएगी। योजना द्वारा संबंधित अधिकारी की जिम्मेदारी तय की जाएगी, जिन्हें रिसाव की स्थिति में विषाक्त गैस उपकरणों को संचालित करने के विभिन्न पहलुओं के बारे में प्रशिक्षित किया जाएगा।/A Disaster Management Plan for operation in case of emergency of leakage of toxic gas shall be prepared. The plan shall fix responsibility on the concerned officers who shall be trained in the different aspects of handling toxic gas equipments in case of leakage.
- आपात स्थिति में उपयोग के लिए परिसर में या इसके पास एक या अधिक पर्याप्त दबाव के हायड्रंट पॉइंट्स उपलब्ध कराए जाएंगे।/One or more hydrant point(s) with adequate pressure shall be provided in or near the premises for use in emergency.
- परिसर में कम से कम दो आत्म निहित श्वास तंत्र (सेल्फ कंटेंट ब्रीदिंग अपरेटस) और दो कनस्टर प्रकार के गैस मास्क सहज सुलभ स्थान में रखे जाएंगे।/At least two numbers self contained breathing apparatus and two Canister type Gas Masks shall be kept in the premises in a readily accessible location.
- परिसर में या इसके पास विषाक्त गैस के रिसाव का पता लगाने के लिए पोर्टेबल उपकरण उपलब्ध कराया जाएगा।/Portable devices for detection of toxic gas leakage shall be made available in or near the premises.
- हवा की दिशा निर्धारित करने के लिए उपयुक्त स्थान पर एक वातदिग्दर्शक-मुर्ग उपलब्ध कराया जाएगा जिससे विषाक्त गैस के रिसाव की स्थिति में श्रमिकों को हवा के विरुद्ध दिशा में स्थानांतरित किया जा सके।/A weathercock shall be provided at a suitable location for determining wind direction so that in case of leakage of toxic gas, the workers can move against wind direction.
- अनुज्ञाधिकारी के पास विभिन्न उपकरण और औजार, जैसे सिलेंडर और टनरों के लिए वाल्व हूड, सिलेंडर वाल्व रिसाव के लिए क्लैंप और टनरों के वाल्व के रिसाव के लिए चेन और योक असेंबली सहित उपकरणों से मिलकर बनी आपातकालीन किट उपलब्ध होनी चाहिए।/Emergency kit consisting of various appliances and tools including valve hood assembly for cylinders and tonners, clamp for cylinder valve leaks and chain and yoke assembly for tonner valve leaks shall be available with the licensee.
- संयंत्र के बंद होने/लॉक-अप के मामले में, परिसर में कोई विषाक्त गैस युक्त सिलेंडर नहीं रखा जाएगा।/In case of closure/cock-up of the filling plant, no cylinder containing toxic gas shall be retained in the premises.
- रिसाव के मामले में विषाक्त गैस के निष्प्रभावीकरण के लिए पर्याप्त सुविधाएं प्रदान की जाएगी।/Adequate facilities for neutralization of toxic gas shall be provided in case of leakage.
- विषाक्त गैस परिसर में उचित सिलेंडर लदान (लोडिंग)/माल उतराई (अनलोडिंग) और हथलाई (हैंडलिंग) की व्यवस्था की जाएगी।/Proper cylinder loading/unloading and handling arrangements shall be made in the toxic gas premises.

for Dy. Chief Controller of Explosives  
Vadodara

कृते उप मुख्य विस्फोटक नियंत्रक  
वडोदरा

कृते उप मुख्य विस्फोटक नियंत्रक  
वडोदरा



## **Annexure-3**

# **Actual Users**

Passbook for Utilization of Hazardous & Other wastes as a Resource  
or after pre-processing either for Co-processing or for any other use.  
[Hazardous and other Wastes (M&TM) Rules, 2016]

Sr. No. 715



# **GPCB**

## **GUJARAT POLLUTION CONTROL BOARD**

Paryavaran Bhavan

Sector-10-A, Gandhinagar-382010

Phone : (079) 23232152 Fax : (079) 23232156

Website : [www.gpcb.gov.in](http://www.gpcb.gov.in)



**Pass Book for Utilization of Hazardous & Other Wastes as a Resource or  
after Pre-processing either for Co-processing or for any other use  
(for actual users)**

Name and Address of the Industry with GPCB ID - 24819 : MIS WELSPUN INDIA LTD  
SURVEY NO. 76, 76/P1, 78, 79, 80/P,  
80, 80/1, 81, 82, 85 ETC VILL: MORAT  
TAL: PARDI DIST: VALSAD  
 Telephone/ Fax No. : 7636070099  
 E-mail Address : namah\_simsah@welspun.com  
 Authorization No. : AWH-122762  
 Date of Issue : 03/08/2023  
 Validity Period : 03/08/2023 To 30/09/2027  
 (As per Authorization) :  
 Type of quantity of the Hazardous and Other Waste(s) permitted for  
 procurement and Utilization:

Sr. No.	Hazardous and Other Wastes Type	Quantity (Tons Per Annum)
1	SPENT MCI (GENERATED FROM DYE & DYE INTERMEDIATE INDUSTRIES CHEMICAL MANUFACTURING INDUSTRIES AND TEXTILE INDUSTRIES) (CATEGORY: 26: 3, SCH-1 & INORGANIC ACID MENTIONED) SR NO. 15 IN THE FOOT NOTE (7) OF SCH-II OF HODM RULES 2016)	5355 MTPA [FIVE THOUSAND THREE HUNDRED FIFTY FIVE MTPA]



(1)

N. A. SHAH  
 (N. A. SHAH)  
 Unit Head, Hazardous Waste Cell  
 Gujarat Pollution Control Board,  
 Paryavaran Bhavan, Sector-10-A,  
 Gandhinagar-382010

## Annexure-4



**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known As Bharuch Enviro Infrastructure Limited)

18<sup>TH</sup> AUGUST, 2022

TO,  
**AARTI INDUSTRIES LIMITED (NASCENT DIVISION)**  
PLOT NO. 24, PHASE-1,  
GIDC ESTATE, VAPI-396195  
TA-PARDI, DIST-VALSAD.

**Sub: Membership Certificate for Common Solid Waste Disposal Facility.**

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility developed by **BEIL INFRASTRUCTURE LIMITED** (Formerly known as Bharuch Enviro Infrastructure Ltd), at GIDC, Dahej. You have booked solid waste quantity of **25 MT/Year**. You have also paid your capacity commitment charges. Your Membership No. is **OTH/1034**.

Waste will be accepted after submitting valid authorization of GPCB.

- 1) **Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) **Total Consented Capacity: 1900000 MT**
- 3) **Total Occupied Capacity: 909238.973 MT**
- 4) **Spare Capacity: 990761.027 MT**

Thanking you,

Yours faithfully,

**For, BEIL Infrastructure Limited**  
**(Formerly Known as Bharuch Enviro Infrastructure Ltd)**

**AUTHORISED SIGNATORY**



# Annexure-5



MEDICAL CHECK UP DETAILS			
COMPANY NAME	: Aarti Industries Ltd- Vapi (Nascent Employee)		DATE: 15-04-2024
EMPLOYEE NAME	: SHANTILAL B PATEL		
BIRTH DATE	: 02-08-1971	AGE	: 53 Yrs
SEX	: Male	EMPLOYEE ID	: 55006452
DEPARTMENT	: Nascent_Operations	DESIGNATION	: Senior Operator
PULSE	: 90.00 /min	BP	: 126/98 mmhg
PRESENT COMPLAINT	: NAD	PERSONAL HOSTORY	: NAD
OCCUPATIONAL HISTORY	: NAD	ALLERGIC TO	: NAD
FAMILY HISTORY	: NAD	PAST HISTORY	: NAD
ADDICTION	: NAD		
HEIGHT : 160.00 cm	WEIGHT : 79.00 kg	BODY MASS INDEX (BMI)	: 30.85 Kg/m <sup>2</sup>
<b>History</b> chief complain: <b>NAD</b> PERSONAL HISTORY: <b>NAD</b> Mother Father or Siblings: <b>NAD</b> Allergy Astham Surgery Infections trauma thyroid: <b>NAD</b>		<b>Systemic Examination</b> RS: <b>NAD</b> CVS: <b>NAD</b> CNS: <b>NAD</b> Abdomen: <b>NAD</b>	
<b>LFT</b> SGOT: <b>22 U/L</b> SGPT: <b>16 U/L</b> ALKALINE PHOSPHATASE: <b>62.8 U/L</b> DIRECT BILIRUBIN: <b>0.3 mg/dl</b> INDIRECT BILIRUBIN: <b>0.2 mg/dl</b> TOTAL BILIRUBIN: <b>0.5 mg/dl</b>		<b>RFT</b> CREATININE: <b>1.02 mg/dl</b> URIC ACID: <b>5.36 mg/dl</b> UREA: <b>23.71 mg/dl</b>	
<b>AUDIOMETRY</b> AUDIOMETRY: <b>NORMAL</b>		<b>X-RAY CHEST PA</b> X-RAY CHEST PA: <b>NORMAL</b>	
<b>PFT</b> PFT: <b>NORMAL</b>		<b>CBC</b> Hb: <b>13.8 g/dl</b> TOTAL WBC COUNT: <b>13840 /cmm</b> PLATELET COUNT: <b>287000 /cmm</b> PERIPHERAL SMEAR STUDY: <b>RBC are normochromic normocytic.WBCs are increased on smear.Platelets are adequate on smear.Malarial parasite is not detected.</b>	
		<b>RBS</b> RBS: <b>78 mg/dl</b>	
		<b>ECG</b> ECG: <b>NORMAL</b>	

REMARKS : HIGH WBC  
 ADVICE : CLINICAL CORRELATION & CONSULT PHYSICIAN  
 STATUS : FIT TO WORK



3371



**ATHHARV™**  
**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing

01/04/24  
9/20

## MEDICAL EXAMINATION REPORT

Aarti Industries Ltd

Date: 15-4-24

NAME:	Shantilal B Patel (NAB)
EMPLOYEE ID:	55006452
IDENTIFICATION MARK:	scar on above the 2nd eye

### GENERAL EXAMINATION

Height(cms):	160	
Weight(kgs):	79	
Blood pressure(mmHg):	126 / 98	
Pulse:	90	
Age:	53	
Any complain:	NO	
Past history:	NO	
Family history:	Parents died w-H	
Occupational history:	NO	
Any allergy:	NO	
Any addiction:	NO	
Acrophobia:	NO	
Claustrophobia:	NO	
CNS examination:	NAB	
Respiratory examination:	NAB	
Abdomen examination:	NR	
Private parts examination:	NR	
CVS examination:	NAB	
Rhomberg:	NR	
Audiometry:		
PFT:		
	Right	Left
Distance vision	6/6	6/6
Near vision	NR	NR
Color vision	NR	NR

96-2

SP02 98

Salt restrict

Sign & Stamp  
**Dr. KIRAN M CHAUHAN**  
M.B.B.S, AFH  
G-55050

+91 98258 20138  
drtejastorenico@yahoo.com

305, Third Floor, Aagam Avenue, Nr. CNG Petrol Pump,  
Sabarmati Vihar Highway, Sabarmati, Ahmedabad, Gujarat, 380 006





ID : 3371

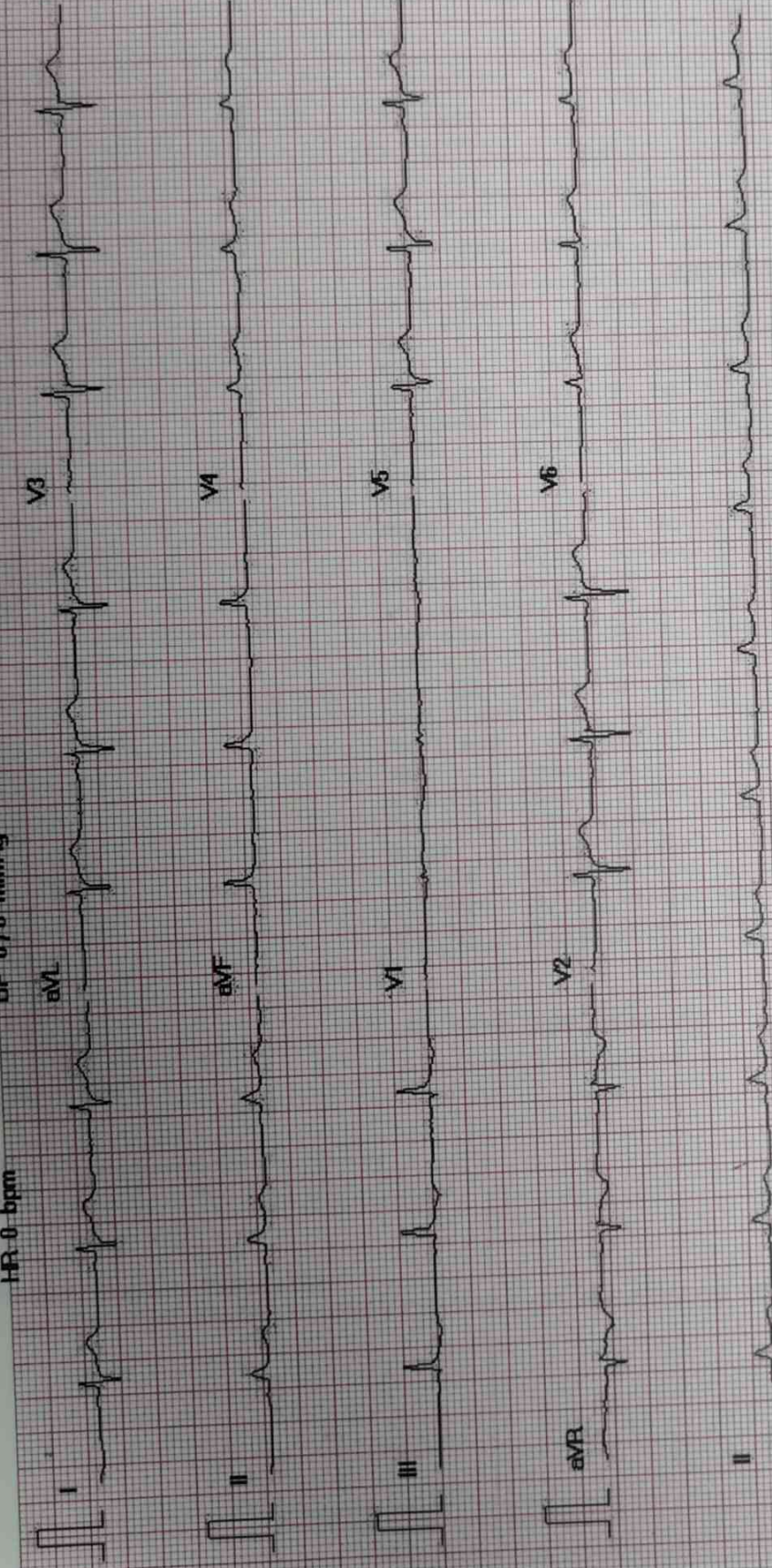
Name : SHANTILAL B PATEL

(53 yrs Male)

Date : 15-04-2024

HR 0 bpm

BP 0/0 mmHg



Interval (msec)  
PQ 255  
QRS 20  
QT 10  
QTC 10

Axis (degrees)  
Axis P -9  
Axis QRS 42  
Axis T 21

Comment

Referred By

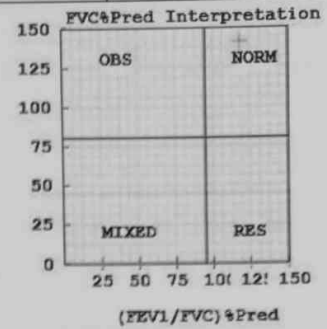
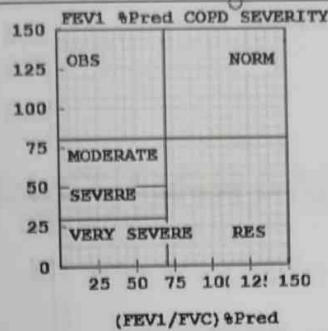
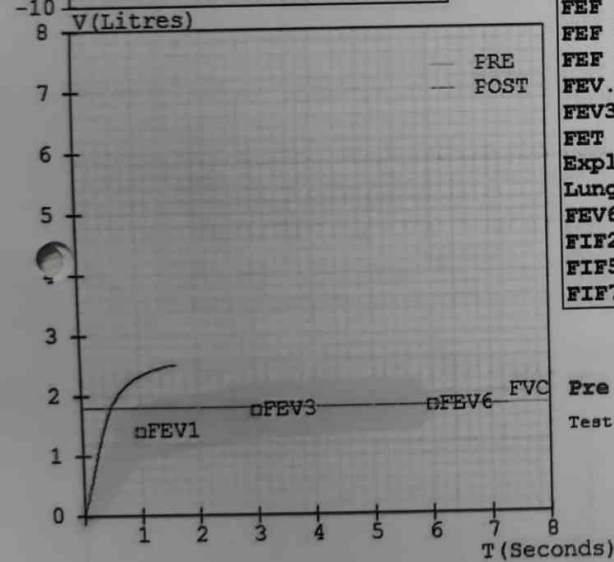
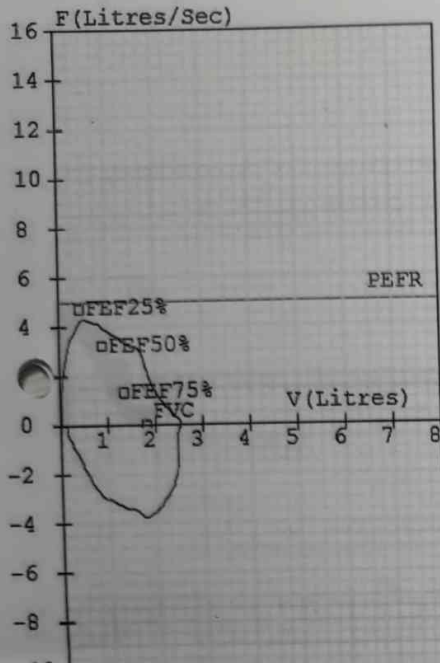
Consultant

Dr. Jay Soni  
M.D. (General Medicine)  
Reg No. G-23899



Patient: SHANTILAL PATEL  
 Refd. By:  
 Pred. Eqns: RECORDERS  
 Date : 15-Apr-2024 03:59 PM

Age : 53 Years Gender : Male  
 Height : 160 Cms Smoker : No  
 Weight : 79 Kgs Eth. Corr: 65  
 ID: AT 3371 Temp :



### Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	01.80	02.53	141	-----	---	-----
FEV1 (L)	01.40	02.33	166	-----	---	-----
FEV1/FVC (%)	77.78	92.09	118	-----	---	-----
FEF25-75 (L/s)	02.06	03.27	159	-----	---	-----
PEFR (L/s)	05.00	04.27	085	-----	---	-----
FIVC (L)	-----	02.38	---	-----	---	-----
FEV.5 (L)	-----	01.83	---	-----	---	-----
FEV3 (L)	01.75	02.53	145	-----	---	-----
PIFR (L/s)	-----	03.73	---	-----	---	-----
FEF75-85 (L/s)	-----	01.23	---	-----	---	-----
FEF.2-1.2 (L/s)	03.57	03.88	109	-----	---	-----
FEF 25% (L/s)	04.73	04.19	089	-----	---	-----
FEF 50% (L/s)	03.23	03.48	108	-----	---	-----
FEF 75% (L/s)	01.33	01.79	135	-----	---	-----
FEV.5/FVC (%)	-----	72.33	---	-----	---	-----
FEV3/FVC (%)	97.22	100.00	103	-----	---	-----
FET (Sec)	-----	01.70	---	-----	---	-----
ExptTime (Sec)	-----	00.13	---	-----	---	-----
Lung Age (Yrs)	053	018	034	-----	---	-----
FEV6 (L)	01.80	-----	---	-----	---	-----
FIF25% (L/s)	-----	03.27	---	-----	---	-----
FIF50% (L/s)	-----	03.41	---	-----	---	-----
FIF75% (L/s)	-----	02.89	---	-----	---	-----

Pre Test COPD Severity  
 Test within normal limits

Pre Medication Report Indicates  
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

M.D. Jay Soni  
 (General Medicine)  
 Reg. No. G-23899



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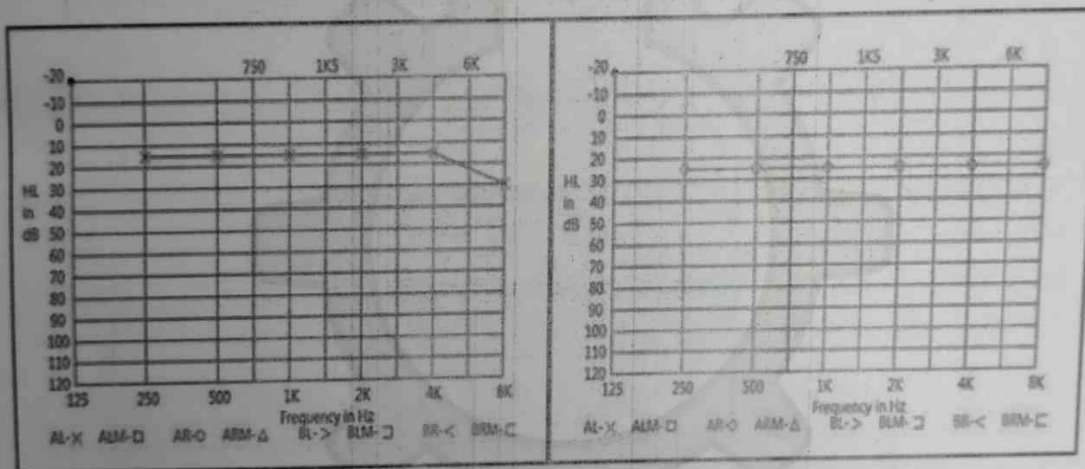
## AUDIOGRAM

Client Name :- SHANTILAL B PATEL

Date:-15/04/2024

Sr. No.:- 3371

Address:-



Interpretation:-Bilateral Hearing Sensitivity Within Normal Limits

*Dr. Chirag Vaghela*  
DR.CHIRAG VAGHELA  
M.B.B.S, M.S (ENT)  
Reg.no. :G-20234





**ATHHARV™  
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Industrial Health & Toxic Chemicals Testing

**NAME : SHANTILAL B PATEL**

**ID : 3371**

**DATE : 15-Apr-24**

## **X-RAY REPORT**

### **X-RAY CHEST (PA VIEW):**

- Both lungs fields appear normal.
- No evidence of Koch's lesion, collapse or consolidation.
- Cardiac size, shape and borders appear within normal limits.
- Both costo-phrenic angles appear normal – s/o no evidence of pleural effusion.
- Both domes, mediastinum and bony thoracic cage outlines appear normal.

Dr. VIKRAM SHAH  
(MD, RADIOLOGY)





CHEST PA

R

9723566153  
AAR 3371 SHANTILAL B PATEL  
AAR 3371  
15-Apr-24  
Acq Tm: 03:51 PM

3520 X 4280

WJ 1023 L: 511





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Industrial Health & Toxic Chemicals Testing



**TEST REPORT**

Name : Mr. Shantilal B Patel 3371  
Age/Sex : 53 Years / Male  
Ref. By :  
Client Name :  
Employee ID : 55006452

Reg. No : 404102647  
Reg. Date : 15-Apr-2024 06:10 PM  
Collected On : 15-Apr-2024 06:18 PM  
Printed On : 21-Apr-2024 07:38 PM  
Department : \_

Parameter	Results	Unit	Biological Ref. Interval
-----------	---------	------	--------------------------

**COMPLETE BLOOD COUNT (CBC)**

Hemoglobin (SLS method)	13.8	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	47.10	%	47 - 52
RBC Count (Electrical Impedance)	H 6.36	million/cmm	4.7 - 6.0
MCV (Calculated)	L 74.1	fL	78 - 110
MCH (Calculated)	L 21.7	Pg	27 - 31
MCHC (Calculated)	L 29.3	%	30 - 35
RDW (Calculated)	H 17.8	%	11.5 - 14.0
WBC Count (Flowcytometry)	H 13840	/cmm	4000 - 10500
Platelet Count	287000	/cmm	150000 - 450000
MPV	H 12.4	fL	7.4 - 10.4

**DIFFERENTIAL WBC COUNT**

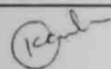
	[ % ]	EXPECTED VALUES	[ Abs ]	EXPECTED VALUES
Neutrophils (%)	58	% 42.0 - 75.2	8027 /cmm	
Lymphocytes (%)	29	% 20 - 45	4014 /cmm	
Eosinophils (%)	H 8	% 1 - 4	1107 /cmm	
Monocytes (%)	5	% 2 - 8	692 /cmm	
Basophils (%)	0	% 0 - 1	0 /cmm	

**PERIPHERAL SMEAR STUDY**

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	WBCs are increased on smear.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

This is an Electronically Authenticated Report.

Page 1 of 4

  
Dr.K.R Prajapati  
MD.Patho (G-28517)

+91 98258 20138  
drtejasforensic@yahoo.com

305, Third Floor, Aagam Avenue, Nr. CNG Petrol Pump,  
Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.







**ATHHARV™**  
**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing



**TEST REPORT**

Name : Mr. Shantilal B Patel 3371  
Age/Sex : 53 Years / Male  
Ref. By :  
Client Name :  
Employee ID : 55006452

Reg. No : 404102647  
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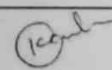
Parameter	Result	Unit	Biological Ref. Interval
<b>Random Blood Sugar (RBS)</b> <i>Glucose Oxidase-Peroxidase</i>	78	mg/dL	70 - 140
<b>Creatinine</b> <i>ENZYMATIC</i>	1.02	mg/dL	0.8 - 1.5
<b>Uric Acid</b> <i>Uricase Colorimetry</i>	5.36	mg/dL	3.5 - 8.5
<b>UREA</b> <i>Urease end point reaction</i>	23.71	mg/dL	16.0 - 43.0

**LIVER FUNCTION TEST**

<b>SGOT</b> <i>Multipoint-Rate/Ulv With P-5-P</i>	22.20	U/L	17 - 59
<b>SGPT</b> <i>Multipoint-Rate/Ulv With P-5-P</i>	16.06	U/L	0 - 50
<b>Total Bilirubin</b> <i>Colorimetric method</i>	0.5	mg/dL	0.1 - 1.4
<b>Conjugated Bilirubin</b> <i>Sulph acid dpl/caff-benz</i>	0.3	mg/dL	0.0 - 0.3
<b>Unconjugated Bilirubin</b> <i>Sulph acid dpl/caff-benz</i>	0.2	mg/dL	0.0 - 1.1
<b>Alkaline Phosphatase</b> <i>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</i>	62.8	U/L	38 - 126
<b>GGT</b> <i>G-glutamyl-p-nitroanilide</i>	25.29	U/L	15 - 73

This is an Electronically Authenticated Report.

Page 2 of 4

  
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Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.





**ATHHARV™**  
**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing



### TEST REPORT

Name : Mr. Shantilal B Patel 3371  
Age/Sex : 53 Years / Male  
Ref. By :  
Client Name :  
Employee ID : 55006452

Reg. No : 404102647  
Reg. Date : 15-Apr-2024 06:10 PM  
Collected On : 15-Apr-2024 06:18 PM  
Printed On : 21-Apr-2024 07:38 PM  
Department : \_

Parameter	Result	Unit	Biological Ref. Interval
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**\* PHENOL LEVEL - URINE**  
UV - VIS Spectrophotometer

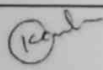
71.12

mg Phenol/gm  
Creatinine

Up to 85mg  
Phenol/creatinine on  
control Indian  
population.  
Ref : Verma et al,  
Industrial  
Health, 2003, 41, 260-  
264.

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Page 3 of 4

  
Dr.K.R Prajapati  
MD.Patho (G-28517)

+91 98258 20138  
drtejasforensic@yahoo.com

305, Third Floor, Aagam Avenue, Nr. CNG Petrol Pump,  
Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.





**ATHHARV™**  
**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing



**TEST REPORT**

Name : Mr. Shantilal B Patel 3371  
Age/Sex : 53 Years / Male  
Ref. By :  
Client Name :  
Employee ID : 55006452

Reg. No : 404102647  
Reg. Date : 15-Apr-2024 06:10 PM  
Collected On : 15-Apr-2024 06:18 PM  
Printed On : 17-May-2024 03:00 PM  
Department : \_

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

**URINE ROUTINE EXAMINATION**

**PHYSICAL EXAMINATION**

Quantity	30 cc
Colour	Pale Yellow
Clarity	Clear

**CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)**

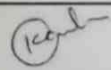
pH	5.0	4.6 - 8.0
Sp. Gravity	1.020	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

**MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)**

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	5 - 6/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

----- End Of Report -----

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**Dr.K.R Prajapati**  
**MD.Patho (G-28517)**

Page 4 of 4

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Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.





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**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing

**MEDICAL CHECK UP DETAILS**

COMPANY NAME : Aarti Industries Ltd- Vapi (Nascent Contract) DATE: 17-04-2024  
CONTRACTOR NAME : Shivani Engineering Co. PLANT : -  
(NA)  
EMPLOYEE NAME : PATEL SANJAYBHAI DHIRUBHAI  
BIRTH DATE : 10-07-1994 AGE : 30 Yrs  
SEX : Male EMPLOYEE ID : 1401000001  
DEPARTMENT : Operation DESIGNATION : -

PULSE : 62.00 /min BP : 123/73 mmHg  
PRESENT COMPLAINT : NAD PERSONAL HISTORY : NAD  
OCCUPATIONAL HISTORY : NAD ALLERGIC TO : NAD  
FAMILY HISTORY : NAD PAST HISTORY : NAD  
ADDICTION : NAD  
HEIGHT : 177.00 cm WEIGHT : 76.00 kg BODY MASS INDEX (BMI) : 24.25 Kg/m<sup>2</sup>

<b>History</b> chief complain: <b>NAD</b> PERSONAL HISTORY: <b>NAD</b> Mother Father or Siblings: <b>NAD</b> Allergy Astham Surgery Infections trauma thyroid: <b>NAD</b>	<b>Systemic Examination</b> RS: <b>NAD</b> CVS: <b>NAD</b> CNS: <b>NAD</b> Abdomen: <b>NAD</b>	<b>CBC</b> Hb: <b>15.20 g/dl</b> TOTAL WBC COUNT: <b>7380 /cmm</b> PLATELET COUNT: <b>295000 /cmm</b> PERIPHERAL SMEAR STUDY: RBC are <b>normochromic normocytic. No</b> <b>premature cells are seen. Platelets are</b> <b>adequate on smear. Malarial parasite</b> <b>is not detected.</b>
<b>LFT</b> SGOT: <b>42 U/L</b> SGPT: <b>39 U/L</b> ALKALINE PHOSPHATASE: <b>65.8 U/L</b> DIRECT BILIRUBIN: <b>0.3 mg/dl</b> INDIRECT BILIRUBIN: <b>0.4 mg/dl</b> TOTAL BILIRUBIN: <b>0.70 mg/dl</b>	<b>RFT</b> CREATININE: <b>0.95 mg/dl</b> URIC ACID: <b>4.73 mg/dl</b> UREA: <b>19.41 mg/dl</b>	<b>RBS</b> RBS: <b>82 mg/dl</b>
<b>AUDIOMETRY</b> AUDIOMETRY: <b>NORMAL</b>	<b>X-RAY CHEST PA</b> X-RAY CHEST PA: <b>NORMAL</b>	<b>ECG</b> ECG: <b>NORMAL</b>
<b>PFT</b> PFT: <b>NORMAL</b>		

REMARKS : -  
ADVICE : -  
STATUS : **FIT TO WORK**







ATHHARV

**MEDICAL EXAMINATION REPORT**

**Aarti Industries Ltd**

Date: 17-4-24

NAME:	Patel Sanjaybhai Dhirubhai (NAB)
EMPLOYEE ID:	1401000001 (Shivani Engineering)
IDENTIFICATION MARK:	2 car above 2nd eyebrow

**GENERAL EXAMINATION**

Height(cms):	177	
Weight(kgs):	76	
Blood pressure(mmHg):	123 / 73	
Pulse:	62	
Age:	30	
Any complain:	No	
Past history:	No	
Family history:	Parents - n, unmarried	
Occupational history:	No	
Any allergy:	No	
Any addiction:	No	
Acrophobia:	No	
Claustrophobia:	No	
CNS examination:	NAB	
Respiratory examination:	NAB	
Abdomen examination:	Soft	
Private parts examination:		
CVS examination:	NAB	
Rhomberg:	Negative	
Audiometry:		
PFT:		
	Right	Left
Distance vision	6/6	6/6
Near vision	N/C	N/C
Color vision	NAB	

97-1

Sp02 99

Sign & Stamp

Dr. KIRAN M CHAUHAN  
M.B.B.S, AFIH  
G-55050





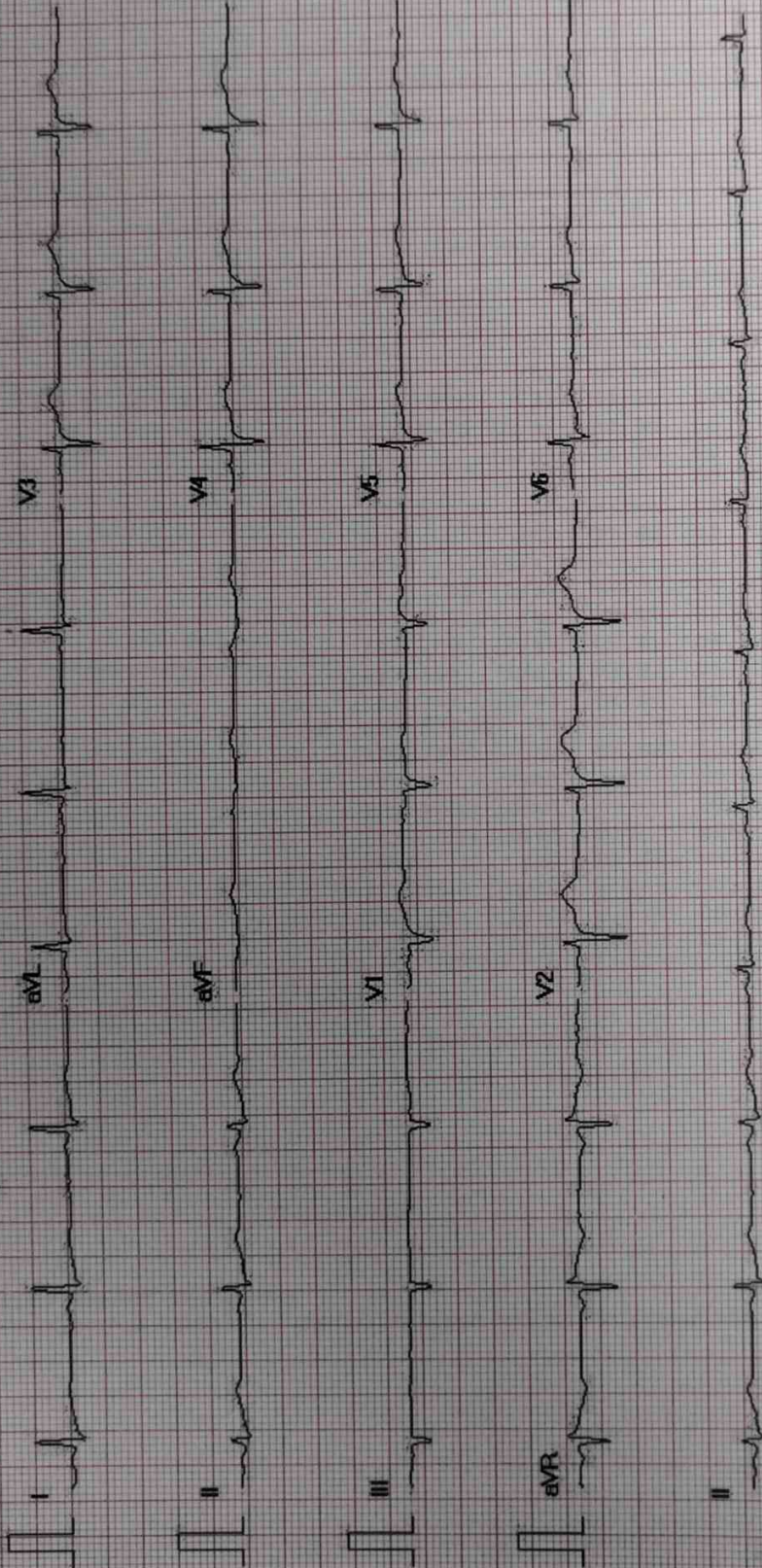
ID : 3530

Name : PATEL SANJAYBHAI DHIRUBHAI (30 yrs Male)

Date : 17-04-2024

HR 62 bpm

BP 0/0 mmHg



Interval (msec)  
PQ 100  
QRS 130  
QT 230  
QTc 452

Axis (degrees)  
Axis P +11  
Axis QRS 0  
Axis T -1

Comment:

Referred By:

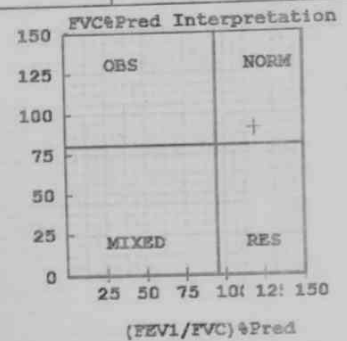
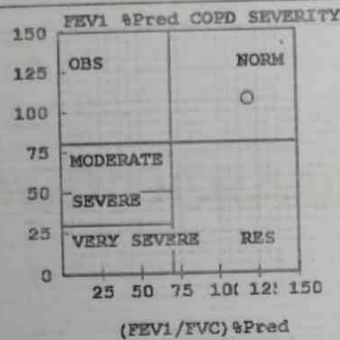
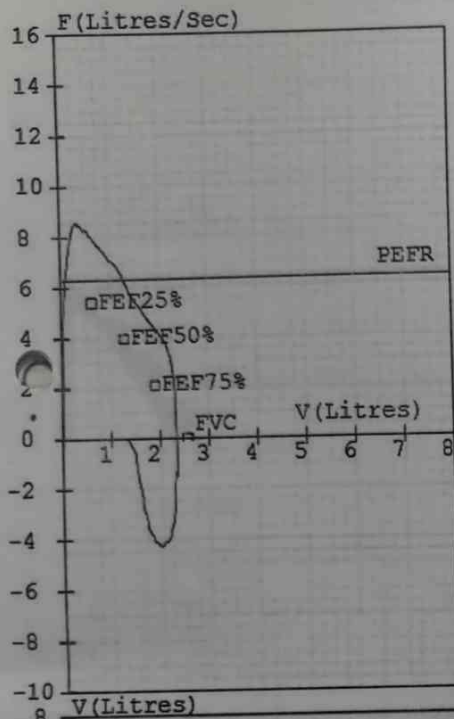
Consultant:

Dr. Jay Soni  
M.D. (General Medicine)  
Reg. No.: G-23899



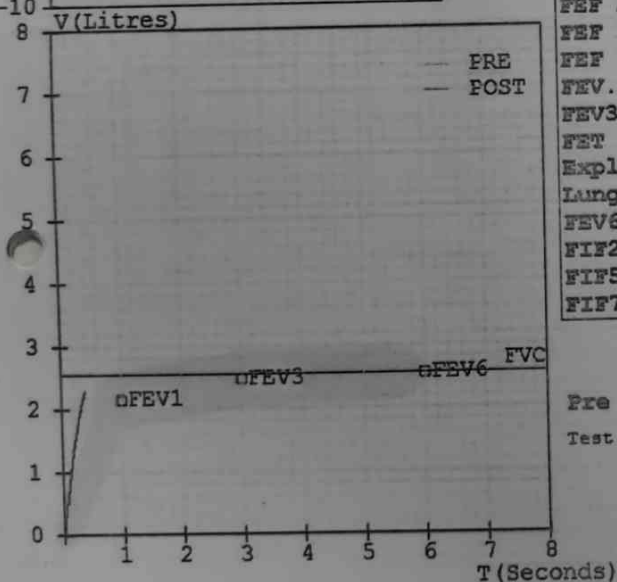
Patient: PATEL SANJAYBHAI  
 Refd. By:  
 Pred. Eqns: RECORDERS  
 Date : 17-Apr-2024 03:47 PM

Age : 30 Years Gender : Male  
 Height : 177 Cms Smoker : No  
 Weight : 76 Kgs Eth. Corr: 65  
 ID: AT 3530 Temp :



### Spirometry (FVC Results)

Parameter	Pred	M.Pra	%Pred	M.Post	%Pred	%Imp
FVC (L)	02.56	02.32	091			
FEV1 (L)	02.16	02.32	107			
FEV1/FVC (%)	84.38	100.00	119			
FEF25-75 (L/s)	02.94	06.28	214			
PEFR (L/s)	06.30	08.48	135			
FIVC (L)		00.98				
FEV.5 (L)		02.33				
FEV3 (L)	02.48	02.32	094			
PIFR (L/s)		04.20				
FEF75-85 (L/s)		04.38				
FEF.2-1.2 (L/s)	05.15	07.55	147			
FEF 25% (L/s)	05.41	08.06	149			
FEF 50% (L/s)	03.97	06.72	169			
FEF 75% (L/s)	02.10	04.75	226			
FEV.5/FVC (%)		100.43				
FEV3/FVC (%)	96.88	100.00	103			
FET (Sec)		00.41				
ExptTime (Sec)		00.04				
Lung Age (Yrs)	030	028	093			
FEV6 (L)	02.56					
FIF25% (L/s)		06.48				
FIF50% (L/s)		05.45				
FIF75% (L/s)		04.78				



Pre Test COPD Severity  
 Test within normal limits

Pre Medication Report Indicates  
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Dr. Jay Sen  
 M.D. (General Medicine)  
 Reg. No. G-23899



**ATHHARV™**  
**TOXSCREEN**

Industrial Health & Toxic Chemicals Testing

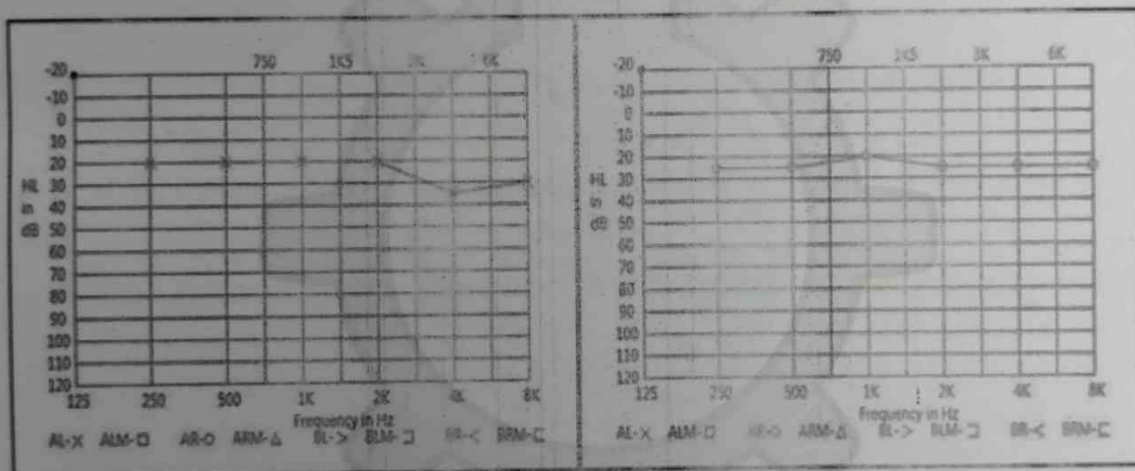
## AUDIOGRAM

Client Name :- PATEL SANJAYBHAI DHIRUBHAI

Date:-17/04/2024

Sr. No.:- 3530

Address:-



Interpretation:-Bilateral Hearing Sensitivity Within Normal Limits

DR. CHIRAG VAGHELA  
M.B.B.S, M.S (ENT)  
Reg.no. :G-20234



**NAME : PATEL SANJAYBHAI DHIRUBHAI**

**ID : 3530**

**DATE : 17-Apr-24**

## **X-RAY REPORT**

### **X-RAY CHEST (PA VIEW):**

- Both lungs fields appear normal.
- No evidence of Koch's lesion, collapse or consolidation.
- Cardiac size, shape and borders appear within normal limits.
- Both costo-phrenic angles appear normal – s/o no evidence of pleural effusion.
- Both domes, mediastinum and bony thoracic cage outlines appear normal.



Dr. VIKRAM SHAH  
(MD, RADIOLOGY)





CHEST PA

R

9723566153  
AAR.3530 PATEL SANJAYBHAI DHIRUBHAI

AAR.3530  
17-Apr-24  
Acq Tm: 10:20 AM

W: 1023 L: 511





## TEST REPORT

**Name** : Mr. Patel Sanjaybhai Dhirubhai 3530  
**Age/Sex** : 30 Years / Male  
**Ref. By** :  
**Client Name** :  
**Employee ID** : 1401000001

**Reg. No** : 404102824  
**Reg. Date** : 17-Apr-2024 07:23 PM  
**Collected On** : 17-Apr-2024 07:27 PM  
**Printed On** : 22-Apr-2024 10:51 AM  
**Department** : \_

Parameter	Results	Unit	Biological Ref. Interval
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### COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	15.2	g/dL	13.0 - 18.0
Hematocrit (Electrical Impedance)	47.50	%	47 - 52
RBC Count (Electrical Impedance)	5.10	million/cmm	4.7 - 6.0
MCV (Calculated)	93.1	fL	78 - 110
MCH (Calculated)	29.8	Pg	27 - 31
MCHC (Calculated)	32.0	%	30 - 35
RDW (Calculated)	H 14.9	%	11.5 - 14.0
WBC Count (Flowcytometry)	7380	/cmm	4000 - 10500
Platelet Count	295000	/cmm	150000 - 450000
MPV	H 11.0	fL	7.4 - 10.4

DIFFERENTIAL WBC COUNT	[ % ]	EXPECTED VALUES	[ Abs ]	EXPECTED VALUES
Neutrophils (%)	54	% 42.0 - 75.2	3985 /cmm	
Lymphocytes (%)	30	% 20 - 45	2214 /cmm	
Eosinophils (%)	H 13	% 1 - 4	959 /cmm	
Monocytes (%)	3	% 2 - 8	221 /cmm	
Basophils (%)	0	% 0 - 1	0 /cmm	

### PERIPHERAL SMEAR STUDY

RBC Morphology	RBC are normochromic normocytic.
WBC Morphology	No premature cells are seen.
Platelets	Platelets are adequate on smear.
Parasites	Malarial parasite is not detected.

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**Dr.K.R Prajapati**  
MD.Patho (G-28517)

Page 1 of 3





### TEST REPORT

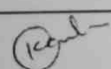
<b>Name</b> : Mr. Patel Sanjaybhai Dhirubhai 3530 <b>Age/Sex</b> : 30 Years / Male <b>Ref. By</b> : <b>Client Name</b> : <b>Employee ID</b> : 1401000001	<b>Reg. No</b> : 404102824 <b>Reg. Date</b> : 17-Apr-2024 07:23 PM <b>Collected On</b> : 17-Apr-2024 07:27 PM <b>Printed On</b> : 22-Apr-2024 10:51 AM <b>Department</b> : _
--	--

Parameter	Result	Unit	Biological Ref. Interval
<b>Random Blood Sugar (RBS)</b> <small>Glucose Oxidase-Peroxidase</small>	82	mg/dL	70 - 140
<b>Creatinine</b> <small>ENZYMATIC</small>	0.95	mg/dL	0.8 - 1.5
<b>Uric Acid</b> <small>Uricase Colorimetry</small>	4.73	mg/dL	3.5 - 8.5
<b>UREA</b> <small>Urease end point reaction</small>	19.41	mg/dL	16.0 - 43.0

#### LIVER FUNCTION TEST

<b>SGOT</b> <small>Multipoint-Rate/Uv With P-5-P</small>	42.32	U/L	17 - 59
<b>SGPT</b> <small>Multipoint-Rate/Uv With P-5-P</small>	39.17	U/L	0 - 50
<b>Total Bilirubin</b> <small>Colorimetric method</small>	0.7	mg/dL	0.1 - 1.4
<b>Conjugated Bilirubin</b> <small>Sulph acid dpl/caff-benz</small>	0.3	mg/dL	0.0 - 0.3
<b>Unconjugated Bilirubin</b> <small>Sulph acid dpl/caff-benz</small>	0.4	mg/dL	0.0 - 1.1
<b>Alakaline Phosphatase</b> <small>P-nitrophenyl phosphatase-AMP Buffer, Multiple-point rate</small>	65.8	U/L	38 - 126
<b>GGT</b> <small>G-glutamyl-p-nitroanilide</small>	30.88	U/L	15 - 73

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**Dr.K.R Prajapati**  
 MD.Patho (G-28517)

Page 2 of 3





### TEST REPORT

<b>Name</b> : Mr. Patel Sanjaybhai Dhirubhai 3530	<b>Reg. No</b> : 404102824
<b>Age/Sex</b> : 30 Years / Male	<b>Reg. Date</b> : 17-Apr-2024 07:23 PM
<b>Ref. By</b> :	<b>Collected On</b> : 17-Apr-2024 07:27 PM
<b>Client Name</b> :	<b>Printed On</b> : 22-Apr-2024 10:51 AM
<b>Employee ID</b> : 1401000001	<b>Department</b> : _

Parameter	Result	Unit	Biological Ref. Interval
-----------	--------	------	--------------------------

#### URINE ROUTINE EXAMINATION

##### PHYSICAL EXAMINATION

Quantity	30 cc
Colour	Pale Yellow
Clarity	Clear

##### CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

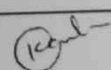
pH	5.0	4.6 - 8.0
Sp. Gravity	1.025	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

##### MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	8 - 10/hpf	/hpf
Amorphous Material	Nil	
Casts	Nil	
Crystals	Nil	
Bacteria	Nil	
Fungus	Nil	
Spermatozoa	Nil	

----- End Of Report -----

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**Dr.K.R Prajapati**  
**MD.Patho (G-28517)**

Page 3 of 3

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Sabarmati Visat Highway, Sabarmati, Ahmedabad, Gujarat, 380 005.





## Annexure-6



WE SERVE TO SAVE  
REGIONAL FIRE OFFICER  
GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT  
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT  
E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No.RFO-SFPS/F.No- 850/NOC- Industries Factory

Date: - 29/01/2021

FORM B13  
(See sub rule (1) of rule 23)

### Fire Safety Certificate


Certified that **Aarti Industries Ltd [ Amine Division ]** Plot No.285 ,286 /1 , A1/322/12,23,24 , 2nd Phase , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [ Amine Division ]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:- 24/12/2020 in the presence of Mr.Shashikant Lad, Factory Manager and that the building/premises is fit for occupancy with effect from for a period of ( From Date- 29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.243, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 9 =22,500/- vide Chalan No.242, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**



  
D. H. Makhijani  
Regional Fire Officer  
Surat.





WE SERVE TO SAVE  
REGIONAL FIRE OFFICER  
GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT  
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT  
E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No.RFO-SFPS/F.No- 85 / NOC- Industries Factory

Date: - 29/01/2021

FORM B13  
(See sub rule (1) of rule 23)

**Fire Safety Certificate**

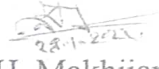
Certified that **Aarti Industries Ltd [ Nascent Division ]** Plot No.24 , Phase-1 , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [ Nascent Division ]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:-24/12/2020 in the presence of Mr.Nimesh Naik, Unit Head and that the building/premises is fit for occupancy with effect from for a period of ( From Date-29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.247, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 7 =17,500/- vide Chalan No.246, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**



  
D. H. Makhijani  
Regional Fire Officer  
Surat.



WE SERVE TO SAVE  
REGIONAL FIRE OFFICER

GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT  
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT

E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No RFO-SFPS/F No- 852 /NOC- Industries Factory

Date - 29/01/2021

FORM B13  
(See sub rule (1) of rule 23)

### Fire Safety Certificate


Certified that **Aarti Industries Ltd [ Organic Division ]** Plot No.801 , 801/23 , 3rd Phase , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [ Organic Division ]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:-24/12/2020 in the presence of Mr.Nimesh Naik, Factory Manager and that the building/premises is fit for occupancy with effect from for a period of ( From Date-29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.245, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 15 = 37,500/- vide Chalan No.244, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**



  
D. H. Makhijani  
Regional Fire Officer  
Surat.



WE SERVE TO SAVE  
REGIONAL FIRE OFFICER  
GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT  
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT  
E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No.RFO-SFPS/F.No- ૭૫૩ /NOC- Industries Factory

Date: - 29/01/2021

FORM B13  
(See sub rule (1) of rule 23)

**Fire Safety Certificate**


Certified that **Aarti Industries Ltd [ Apple Organic Division ]** Plot No.801 , 801/23 , 3rd Phase , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [ Apple Organic Division ]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:- 24/12/2020 in the presence of Mr. Ajay Sharma, Factory Manager and that the building/premises is fit for occupancy with effect from for a period of ( From Date- 29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.249, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 6 = 15,000/- vide Chalan No.248, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**



  
D. H. Makhijani  
Regional Fire Officer  
Surat.





WE SERVE TO SAVE  
REGIONAL FIRE OFFICER  
GUJARAT STATE FIRE PREVENTION SERVICES SOUTH GUJARAT  
GORDHANDAS CHOKHAWALA MARG MUGLISARA SURAT  
E-MAIL :- dmakhijani96@gmail.com Mob No.97243-45510

No.RFO-SFPS/F.No- 854/NOC- Industries Factory

Date: - 29/01/2021

FORM B13  
(See sub rule (1) of rule 23)

**Fire Safety Certificate**


Certified that **Aarti Industries Ltd [ Alchemie Organics Division ]** Plot No.902 , 3rd Phase , GIDC , Vapi , Gujarat Comprised Of Factory Building And Having Occupancies Manufacturing Of Chemicals Unit Owned/ Occupied **Aarti Industries Ltd [ Alchemie Organics Division ]** have Complied with the fire prevention and fire safety requirements in accordance with Section-18 and verified by the officers concerned of fire service on Dated:-24/12/2020 in the presence of Mr.Prasanna Bhat, Factory Manager and that the building/premises is fit for occupancy with effect from for a period of ( From Date-29/01/2021 to Date.28/01/2022) One (01) Years in accordance with rules and subject to compliance of any specific Lied by the issuing officer .

Note :- This NOC Should Be Cancelled Out Immediate If Found Not Obeying Of Any Instruction and Applicable CGDCR Act, Rules and Regulation For Fire Noc .

Issued Date:-29/01/2021.

The administrative charge of N.O.C Rs.1000 x 01 = 1,000/- has been recovered vide Challan No.241, Dated.-29/01/2021 & Inspection Charge Rs.2500 x 15 =37,500/- vide Chalan No.240, Dated-29/01/2021. The duration of the inspection report is valid up to **(One Year from the Date of Issue.)**



  
D. H. Makhijani  
Regional Fire Officer  
Surat.