

21<sup>st</sup> May 2025 AIL/JH/2025/ENV/044

**To,** Deputy Director General of Forests (C) Ministry of Environment Forest and Climate Change, Integrated Regional Office - Gandhinagar, Block-3, F-2 Wing, 5th floor, Karmayogi Bhawan, Near CH-3 Circle, Sector - 10A, Gandhinagar - 382010

Subject	:	Half-yearly compliance report to the conditions of Environment Clearance for the period of October 2024 to March 2025.
Reference	:	SEIAA/GUJ/EC/5(f)/1470/2022, dated: 30/05/2022

Respected Sir,

With reference to the above mentioned subject, the unit is enclosing herewith the Environmental Clearance compliance report for the period of **October 2024 to March 2025** for the above mentioned reference of Environment Clearance obtained for the "Production of Synthetic Organic Chemicals" at Plot No. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC Notified Industrial Estate Jhagadia, District: Bharuch, Gujarat.

The compliance report is supported with required documents.

Thanking you,

Yours faithfully,

### For, Aarti Industries Limited (Unit-II)

**Authorized Signatory** 

Encl : EC Compliance Report along with Annexures

Copy to:

- 1. Email to: The Regional Director, CPCB, Vadodara, Gujarat
- 2. Email to: SEIAA, Gujarat
- 3. The Member Secretary, Gujarat Pollution Control Board, Gandhinagar
- 4. Uploaded in Parivesh, MoEF&CC Portal

#### www.aarti-industries.com | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366. Factory : Plot No. 756/2A & B, 756/3A & B, 756/4A & B, 756/5A & B, 756/6, 756/7, 779 + 778 + 756/8 & 9, Survey No. 122, GIDC Estate, Jhagadia, Taluka. Jhagadia, Dist. Bharuch, Gujarat - 393110. INDIA. Phone No. : 9537011611, 9537011711, 9537011811

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

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## EC No.: SEIAA/GUJ/EC/5(f)/1470/2022, dated: 30/05/2022

## Half-Yearly Environmental Clearance Compliance Report

## October 2024 to March 2025





### **Aarti Industries Limited (Unit-II)**

Plot No. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6,756/7, 756/8+9, 778 & 779

GIDC Industrial Estate, Jhagadia 393110

Dist: Bharuch, Gujarat

# Environment Clearance Compliance

# **Report of**

# EC File No. SEIAA/GUJ/EC/5(f)/1470/2022

## Dated 30/05/2022

### EC Compliance Report for period October-2024 to March-2025 File No: SEIAA/GUJ/EC/5(f)/1470/2022, Date of issue:- 30/05/2022

			Capacity in MT/Annum			Compliance	
Sr. No.	Name of the Product	CAS No.	Unit-II (Existing)	Unit-III (Existing)	After amendment & transfer on Unit II	I	Production
UNIT-	II PRODUCT LIST						
						<b>Complied</b> . Production qu capacity.	antity is under permitted
						Month	Production (Nm³/Hr)
1	Hydrogen Gas	1333-74-0	3000	0	3000	Oct'24	0.000
-			Nm <sup>3</sup> /Hr	Ŭ	Nm <sup>3</sup> /Hr	Nov'24	0.000
						Dec'24	0.000
						Jan'25	0.000
						Feb'25	0.000
						Mar'25	722.228
2	Purification of O/P/M Phenylene Di Amine	-	18000	0	18000	capacity. Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Production, MT 0.000 0.000 0.000 0.000 14.700 63.500
		- 10043-52-4	18000	0	18000	Production que capacity. Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25 Complied.	Production, MT           0.000           0.000           0.000           0.000           0.000           14.700

						Feb'25	2817.000
						Mar'25	3117.000
I. A	Group IA-Chlorination Produc	ets and Its Der	ivatives: 900	 )00 MT/An	num		
1	Mono Chloro Benzene (MCB) Either/OR	108-90-7					
2	Ortho Di Chloro Benzene (ODCB)/ Para Di Chloro Benzene (PDCB)/ Meta Di Chloro Benzene (MDCB) Either/OR	95-50-1 /106-46 7/541-73-1				<b>Complied</b> . Production qua capacity.	antity is under permitte
3	123/124 Tri Chloro Benzene (TCB) Either/OR	87-61-6/ 120-82-1				Month	Production, MT
	Ortho chloro toluene (OCT)/		00000		00000	Oct'24	4818.588
4	Para chloro toluene (PCT)	95-49-8 / 106-43-4	90000	0	90000	Nov'24	5106.596
	Either/OR					Dec'24	6716.458
5	2- Chloro 4-Nitro Toluene Either/OR	121-86-8				Jan'25	5626.739
	6-Chloro 2 -Nitro toluene /					Feb'25	5024.260
6	4-Chloro 2-Nitro Toluene Either/OR	83-42-1/ 89-59-8				Mar'25	4516.908
7	Crude of All above Group I. A (Sr. No.1-6 Chlorination products)						
I. B	Group IB-Chlorination Produc	ts and Its Der	ivatives: 720	0 MT/Ann	um		
1	2,4,6 Tri Chloro Aniline (TCAN) Either/OR	634-93-5				<b>Complied</b> . Production qua	antity is under permitted
2	2,6 Di Chloro Para Nitro						
2	Aniline (2,6 DCPNA) Either/OR	99-30-9				capacity. Month	Production, MT
2	Aniline (2,6 DCPNA)	99-30-9					Production, MT 25.600
3	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA)	99-30-9 2683-43-4	7200	0	7200	Month	
	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR		7200	0	7200	Month Oct'24	25.600
	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline		7200	0	7200	Month Oct'24 Nov'24	25.600 3.000
3	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR	2683-43-4	7200	0	7200	Month Oct'24 Nov'24 Dec'24	25.600 3.000 0.000
3	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination	2683-43-4	7200	0	7200	Month Oct'24 Nov'24 Dec'24 Jan'25	25.600 3.000 0.000 0.000
3 4 5	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination products)	2683-43-4 554-00-7 				Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	25.600 3.000 0.000 0.000 0.000
3	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination	2683-43-4 554-00-7 				Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	25.600 3.000 0.000 0.000 0.000 0.000
3 4 5	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination products) Group IIA- Hydrogenated Proc Ortho Toluidine/ Para Toluidine/ MetaToluidine Either/OR	2683-43-4 554-00-7  ducts and Its 1 95-53-4/ 106-49-0/ 108-44-1				Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25 Presently the uni	25.600 3.000 0.000 0.000 0.000 0.000 0.000
3 4 5 II. A	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination products) Group IIA- Hydrogenated Proc Ortho Toluidine/ Para Toluidine/ MetaToluidine Either/OR Meta Chloro Aniline / Ortho Chloro Aniline / Para Chloro	2683-43-4 554-00-7  ducts and Its 7 95-53-4/ 106-49-0/ 108-44-1 108-42-9/ 95-51-2 /				Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25 Presently the unit Complied. Production quaticapacity.	25.600 3.000 0.000 0.000 0.000 0.000 0.000 it is having partial CCA.
3 4 5 II. A 1	Aniline (2,6 DCPNA) Either/OR 2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR 2 4 Di Chloro Aniline Either/OR Crude of All above Group I. B (Sr. No. 1-4 Chlorination products) Group IIA- Hydrogenated Proc Ortho Toluidine/ Para Toluidine/ MetaToluidine Either/OR Meta Chloro Aniline / Ortho	2683-43-4 554-00-7  hucts and Its 1 95-53-4/ 106-49-0/ 108-44-1 108-42-9/	Derivatives:	60000 MT/	Annum	Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25 Presently the unit Complied. Production quar	25.600 3.000 0.000 0.000 0.000 0.000 0.000

	Aniline Either/OR	95-82-9				Nov'24	464.840
	2,4 Di Chloro Aniline / 2,6 Di	554-00-7/				Dec'24	1249.618
4	Chloro Aniline / 3,5 Di chloro	608-31-1/				Jan'25	611.208
	Aniline Either/OR	626-43-7				Feb'25	1774.382
F	3,4 Di Amino Di Phenyl Ether /	2657-87-6/				Mar'25	1227.829
5	4,4 Di amino Di phenyl Ether Either/OR	101-80-4				Intel 20	1221.025
		00.04.07					
6	Ortho Anisidine/ Para Anisidine/ Meta Anisidine	90-04-0/ 104-94-9/					
0	Either/OR	536-90-3					
7	Chloro Fluoro Aniline Either/OR	367-21-5					
	Ortho Cumidine / Para	643-28-7/					
8	Cumidine / Meta Cumidine	99-88-7/					
	Either/OR	5369-16-4					
9	Toluidines Either/OR	95-53-4					
10	Aniline Either/OR	62-53-3					
	Para Fluoro Aniline / Meta	371-40-4/					
11	Fluoro Aniline / Ortho Fluoro	372-19-0/					
	Aniline Either/OR 1, 3 Di Fluoro Aniline/ 2, 4 Di	348-54-9					
12	Fluoro Aniline Either/OR	367-25-9					
13	1,3 Di Fluoro Benzene Either/OR	372-18-9					
14	4-Fluoro-N- Isopropyl Aniline Either/OR	70441-63-3					
15	4-Chloro-N- Isopropyl Aniline Either/OR	770-40-1					
16	2,3,4 Tri Fluoro Aniline Either/OR	3862-73-5					
17	Crude of All above Group II. A (Sr. No. 1-16 Hydrogenation products)						
II.B	Group IIB- Hydrogenated Prod	ucts and Its I	Derivatives: 3	36000 MT/	Annum		
1	2,4,5 Tri Chloro Aniline Either/OR	636-30-6				Complied.	
	Meta Phenylene Di Amine/					capacity.	ntity is under permitte
	Ortho Phenylene Di Amine/	108-45-2/					<u>т          т                         </u>
2	Para Phenylene Di Amine	95-54-5/				Month	Production, MT
	Either/OR	106-50-3				Oct'24	485.600
			36000	0	36000	Nov'24	349.500
_	Para Amino Phenol/ Meta	123-30-8/				Dec'24	447.500
3	Amino Phenol Either/OR	591-27-5				Jan'25	221.000
						Feb'25	314.500
	Crude of All above Group II. B					Mar'25	476.000
4	(Sr. No.1-3 Hydrogenation products)					19121 20	470.000
	Nitration Products and Its Der	ivatives: 240	00 MT/Annu	m (except	4NPI-12000		
III	MT/Annum)						

	3,4 Di Chloro Nitro Benzene/ 2,5 Di Chloro Nitro Benzene/ 2,3 Di Chloro Nitro Benzene Either/OR 2,4,5 Tri Chloro Nitro Benzene/ 2,3,4 Tri Chloro Nitro Benzene Either/OR Crude of All above Group III.	99-54-7/ 89-61-2/ 3209-22-1 89-69-0/ 17700-09-3	24000	0	24000	Presently the unit CC&A. Unit is yet to Amendment for th	o apply for CC&A			
3	(1-2 Nitration products) 4-Nitro N-methyl Phthalimide					Presently the unit	is having Partial			
4	Crude of 4-Nitro N-methyl	41003-84-7	12000		12000	CC&A. Unit is yet to Amendment for th	o apply for CC&A			
IV	Phthalimide (4NPI) Nitro Anisoles Products and I	l ts Derivative:	 s: 14400 MT//	l Annum			-			
1			1							
1	Ortho Nitro Anisole Either/OR Para Nitro Anisole Either/OR		-			Presently the unit	is having Partial			
2	Crude of All above Group IV. (1-2 Nitro Anisol products)		14400	0	14400	CC&A. Unit is yet to Amendment for th				
v	De-Nitro Chlorination Produc	ts and Its Der	ivatives :144	00 MT/Ann	ium					
1	2,6 Di Chloro fluoro Benzene Either/OR	2268-05-5								
2	2,6 Di Chloro Benzo Nitrile Either/OR	1194-65-6								
3	Meta Di chloro Benzene Either/OR	541-73-1								
4	2,4 Di fluoro Chloro Benzene Either/OR	1435-44-5		0					Presently the unit is having Partial	
5	2,4 Di chloro Fluoro Benzene Either/OR	1435-48-9	14400		14400	CC&A. Unit is yet to apply for CC&A Amendment for these products.				
6	1.3 Dichloro 4,6 Difluoro Benzene/ 1,5 Dichloro 2,4 Difluoro Benzene Either/OR	2253-30-7								
7	Crude of All above Group V (Sr. No. 1-6 De Nitro Chlorination products)									
						capacity.	ity is under permitted			
						Month	Production, MT			
	DAPBI 2. (4-amino phenyl) -					Oct'24	6.597			
VI	1H-benzo (d ) imidazol -5-	7621-86-5	756	0	756	Nov'24	6.394			
	amine					Dec'24	8.465			
						Jan'25	10.809			
						Feb'25	6.702			
						Mar'25	12.315			
	amine					Jan'25 Feb'25	10.80 6.70			

VII	Concentrated Nitric Acid from Dilute Nitric Acid (CNA from DNA)	7697-37-2	108000	0	108000	-	it is having Partial to apply for CC&A these products.
JNIT-	III PRODUCT LIST						
VIII	Nitration : 84000 MT/Annum						
1	2,4/2,3/2,5/3,4 Di Chloro Nitro Benzene Either/Or	611-06-3/ 3209-22-1/ 89-61-2/ 99-54-7				Complied. Production quat capacity. Month	ntity is under permitte Production, MT
		55 04 1				Oct'24	1690.697
						Nov'24	1820.021
2	2,3,4/2,3,5 Tri Chloro Nitro	17700-09-3/				Dec'24	1212.236
	Benzene Either/Or	34283-94-8	0	84000	84000	Jan'25	2010.301
						Feb'25	1490.553
						Mar'25	2231.059
3	2,4,5/2,3,6 Tri Chloro Nitro Benzene Either/Or	89-69-0/ 27864-13-7				CCA. Unit is y	unit is having partial ret to apply for CC&A or the rest of the
IX	Chlorination : 24000 MT/Ann	ım					
1	1,2,4 Tri Chloro Benzene Either/Or	120-82-1					
2	1,2,3 Tri Chloro Benzene Either/Or	87-61-6				Presently the unit is having Partial	
3	Para Chloro Toluene (PCT) Either/Or	106-43-4					
4	Ortho Chloro Toluene (OCT) Either/Or	95-49-8	0	24000	24000	CC&A. Unit is yet Amendment for	to apply for CC&A these products.
5	2 Chloro 4 Nitro Toluene Either/Or	121-86-8					
6	6 Chloro 2 Nitro Toluene Either/Or	83-42-1					
7	4 Chloro 2 Nitro Toluene Either/Or	89-59-8					
х	Physical Separations: 25200 N	/IT/Annum					
1	Ortho Di chloro Benzene (only	95-50-1	0	10800	10800	Complied. Production quat capacity.	ntity is under permitte
	Physical Separation)		-		10800	Month	Production, MT
						Oct'24	441.430

						Nov'24	297.706
						Dec'24	307.348
						Jan'25	27.710
						Feb'25	1.000
						Mar'25	273.088
						<b>Complied</b> . Production qua capacity.	ntity is under permitte
						Month	Production, MT
	Para Di chloro Benzene (only					Oct'24	731.170
	Physical Separation)	106-46-7	0	12000	12000	Nov'24	893.109
	, <u>.</u> ,					Dec'24	764.418
						Jan'25	871.826
						Feb'25	901.213
						Mar'25	641.482
	Meta Di chloro Benzene (only Physical Separation)		0	2400	2400	Complied. Production of permitted capace Month Oct'24 Dec'24 Jan'25 Feb'25 Mar'25	quantity is under bity. Production, MT 0.000 0.000 0.000 0.000 0.000 0.000
XI	Inorganic Products: 3000 Nm <sup>3</sup>	/Hr	1		r		
1	Hydrogen, Nm3/hr	1333-74-0	0	3000	3000		it is having Partial to apply for CC&A this product.
Inorga	anic Product						
						capacity.	ntity is under permitte
1	Steam (By product)	-	135.56 MT/Day	00	135.56 MT/Day	Month	Steam Production (MT/Day)
						Oct'24	0.000
						Nov'24	0.000

		Jan'25	0.000
		Feb'25	0.000
		Mar'25	125.610
		-	

Sr. No.	CONDITIONS	COMPLIANCE
А.	CONDITIONS:	
A.1 S	PECIFIC CONDITION:	
1.	Unit shall strictly comply with each and every condition accorded by SEIAA vide letter no. SEIAA/GUJ/EC/5(f)/1161/2021 dated 02-07-2021, SEIAA/GUJ/EC/5(f)/1412/2019 dated 04-ll-2019 and SEIAA/GUJ/EC/5(f)/101/2020 dated 05-02-2020 by new management as per details submitted by PP.	Noted. Unit is complying with every condition accorded by SEIAA vide letter no. SEIAA/GUJ/EC/5(f)/1161/2021 dated 02-07-2021, SEIAA/GUJ/EC/5(f)/1412/2019 dated 04-ll-2019 and SEIAA/GUJ/EC/5(f)/101/2020 dated 05-02-2020. Compliance reports of the previous accorded EC are attached as <b>Annexure-1</b>
2.	Unit shall strictly adhere with notarized undertaking submitted by PP stating that there shall be no change in plant machinery, pollution load and product list after merger of both units.	<b>Complied.</b> Unit is strictly complying with the notarized undertaking for no change in plant machinery, pollution load and product list after merger of both units.
3.	PP shall develop greenbelt 31,831.14 sqm (14.13%) within the premises + 45,212 sq.m (20.07%) at plot having survey no: 122 GIDC Jhagadia & adjacent boundary side of the premises, (total 77,043.14 sq.m i.e. 34.21 % 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.	<b>Complied.</b> Presently the unit has developed Green Belt of approx. 14778 m <sup>2</sup> within the premises & approx 40428 m <sup>2</sup> is developed at revenue survey plot No. 122. Total 55206 m <sup>2</sup> i.e. 24.51% green belt area has been developed till date Unit has started developing the remaining green belt at revenue survey plot No. 123 & 109 (approx 22055 m <sup>2</sup> ). After development of the remaining green belt, total green belt area would be 77261 m <sup>2</sup> . i.e. 34.30% of the total plot area. Photographs of the existing greenbelt are attached as <b>Annexure-2</b> .
4.	A closed loop solvent recovery system with an adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.	<b>Complied.</b> A close loop solvent recovery system with an adequate condenser system is provided and recovered solvent is being used in the same process within the premises.

_		Complial
5.	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.	<b>Complied.</b> Unit is adhering to internal guidelines for LDAR prepared based on the MoEF notification G.S.R.186 (E): Fugitive emission. Unit is carrying out LDAR monitoring on a quarterly basis. LDAR Monitoring report for the period (Oct '24 to Mar'25) is attached as <b>Annexure-3</b> .
6.	Unit shall install CEMS continuous Emission Monitoring System in line to CPCB directions to all SPCB vide letter no. 8-29016/04/06PCl-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.	<b>Complied.</b> The unit has installed and connected required OCEMS to CPCB & GPCB for continuous monitoring of effluent discharge to M/s NCT. Screenshots of the CPCB & GPCB portal are attached as <b>Annexure-4</b> .
7.	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> . Unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) covering all the parameters at upwind and downwind location (at 3 specific locations) by a MoEF&CC approved and NABL Accredited laboratory. All results are well within the prescribed limits. Month-wise results of the various parameters are provided in the <b>Annexure-5</b> . Ambient Air Monitoring Report of Feb '25 is attached as <b>Annexure-6</b> for reference.
8.	National Emission Standards For Organic Chemicals Manufacturing industry issued by the Ministry vide G. S. R 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<b>Complied</b> . The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37 and the copy of the same is attached as <b>Annexure-7</b> for your reference.
9.	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 & consistency with the same.	<b>Complied.</b> Unit is complying with the area specific policies of GPCB with respect to the discharge of pollutants.
10.	All measures shall be taken to avoid soil and groundwater contamination within premises.	<ul> <li>Complied.</li> <li>Following measures have been taken to prevent soil and groundwater contamination:</li> <li>Pucca flooring is provided inside plant, raw material/product storage area</li> </ul>

		<ul> <li>Concrete/ Bituminous roads are provided.</li> <li>Bunding/dyke to chemical storage areas with collection and transferring facilities.</li> <li>Closed loop transfer system provided for effluent, raw materials, products and other chemicals.</li> <li>Separate Storm Water and process drains facility</li> <li>Checklist for leakage monitoring &amp; compliance.</li> <li>Routine Soil monitoring,</li> <li>Adequate effluent treatment facility,</li> <li>Dedicated hazardous waste storage area having pucca flooring,</li> <li>Acid proof tiling in the spent acid storage area.</li> <li>Membership obtained from a common waste disposal facility for treatment and disposal of generated hazardous waste.</li> </ul>
11.	Project proponent (PP) shall maintain complete ZLD all the time and there shall be no GIDC Drainage connection within premise and no waste water discharge outside premises by any means.	<b>Complied</b> . As per the condition no. 17 of A.2, unit has permission to discharge treated effluent into the NCT-JPP pipeline. Accordingly, the unit has obtained CC&A amendment No. AWH-138793 dated 03.02.2025 for discharge of treated effluent after achieving the prescribed norms as mentioned in CC&A.
12.	Safety & Health	
a.	PP shall obtain PESO permission for the storage and handling of hazardous chemicals.	<ul> <li>Complied.</li> <li>Necessary permission has been obtained from PESO.</li> <li>P/WB/GJ/15/2862 (P526017) dated 04/10/2024 which is valid up to 31/12/2034.</li> <li>Both licenses are attached as Annexure-8 for reference.</li> </ul>
b.	PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.	<b>Complied.</b> Unit has provided an Occupational Health center within the site as per the provision under the Gujarat Factories Rule 68-U and the same is being operated under the supervision of a qualified Factory Medical Officer (FMO) and nurses.

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>Complied.</b> Unit has obtained a valid Factory License (License No. 15402, valid up to 31 <sup>st</sup> December, 2025). Factory License is attached as <b>Annexure-9</b> for reference.
d.	Unit shall adopt a functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.	<b>Complied.</b> Unit has adopted an operational process automation system like DCS for operation, monitoring and control. Other auxiliary systems are also controlled through PLC & SCADA (wherever required). Additionally, process safety devices like PSVs (Pressure safety valves), safety interlocks, emergency on/off buttons, LEL detectors, automatic sprinkler systems etc are integral part of automation systems for early detection of emergency and eliminating the risk.
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> Unit regularly conducts mock drills within the premises. The last mock drill was conducted on 20.11.2024 and a report of the same was submitted to DISH on 26.12.2024, Bharuch which is attached as <b>Annexure-10</b> .
f.	PP shall install an adequate fire hydrant system with foam trolley within premises and separate storage of water for the same shall be ensured by PP.	<b>Complied.</b> Unit has adequately provided a fire hydrant system with dedicated Fire Water Storage of capacity 6070 KL. Details of the fire water Storage and pump details are attached as <b>Annexure-11</b> . Unit has also provided fire tender for emergency handling.
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	<b>Complied.</b> All materials are stored as per approved compatibility matrix and are displayed at prominent locations.

	distance as per the prevailing guidelines of the concerned authority.	
		Moreover, dedicated storage facility of flammable chemicals & hazardous chemicals provided at safer distance from production area as per PESO approval.
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> All measures are being taken to avoid any accidents. Mandatory use of appropriate PPEs like Safety shoes, Safety goggles, Helmet, gloves, cartridge mask, ear plug/muff etc. is ensured so that no harm is caused to any worker/employee.
i.	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	<b>Complied.</b> Necessary flameproof fittings are provided in production plants as per the hazardous area classification. Unit has carried out Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai. The cover page of the same is attached as <b>Annexure-12</b>
j.	PP shall provide double earthing to solvent storage tanks	<b>Complied</b> . We have provided double earthing to reactors, receivers, and solvent piping. Also proper earthing is provided to all electrical motors/ MCC/ Push button etc. as per Electricity Act 2003.
k.	Unit shall never store drum/tarrels/carboys of incompatible material/chemical together.	Complied.

		All materials are stored as per approved compatibility matrix. Please refer to point no. 12 (g) of A.1.
1.	Unit shall provide effective isolation for the Process area and storage of hazardous chemicals.	<b>Complied</b> . Dedicated storage facility of flammable chemicals & hazardous chemicals provided at safer distance from production area as per PESO approval.
A.2	WATER	
13.	Total water consumption for proposed expansion shall not exceed 8250.28 KL/day (Fresh+Recycle). Unil will reuse 2259.28 KL/day of treated industrial effluent within premises. Hence, fresh Water requirement for the proposed expansion shall not exceed 5991 KL/day and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.	Complied.Unit receives water from the GIDC water supply only.No ground water is extracted. Unit has takenpermission from GIDC for water supply which isattached as Annexure-13.Fresh water consumption is well within the permissiblelimit (i.e. 5220.28 KLD) as per CC&A Amendment No.AWH-138793 dated 03.02.2025.Kindly refer to the attached CC&A as Annexure-14.MonthQuantity (KLD)Oct'241391.387Nov'241121.967Dec'241161.032
		Jan'25 1007.935 Feb'25 1418.107
		<b>Mar'25</b> 2518.065
14.	No ground water shall be tapped for the project requirement.	<b>Complied</b> . No groundwater is being tapped for utilization. The unit is only using water from GIDC.

15.	The industrial wastewater generation for proposed expansion shall not exceed 2260 KLD.	Complied.Industrial wastewater generation is well within the permissible limit (i.e. 688 KLD) as per CC&A Amendment No. AWH-138793 dated 03.02.2025.Kindly refer below table for the wastewater generation details.MonthQuantity (KLD)					
			Oct		283.419	_	
			Nov'		305.067		
			Dec'		296.484	_	
			Jan'		310.161		
			Feb'		352.250		
			Mar'25 354.290				
				•			
16.	Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) Low COD and TDS effluent and it shall be managed as below: <b>High COD and TDS effluent 1244 KLD:</b> 1073 KLD, High COD and TDS effluent from process, washing, scrubber and reaction and 171 KLD, industrial effluent from M/s. Aarti Industries Ltd. (Unit-III) shall be treated ETP consisting of primary treatment units. Out of 1243 KLD treated effluent, 540 KLD shall be discharged in NCT, pipeline and 703 KLD shall be further treated within premises. Low COD and TDS effluent 1719 KLD): T20 UND to the log of the DDE for the form	Cu cc A <sup>V</sup> Tl in M Ef	ondition no. WH-138793 d he unit has acluding ET IEE-ATFD an ffluent meet	3.3 (a & b lated 03.02.1 s provided TP (primar d RO system ing the disc atment and	adequate treatme y, secondary an n. charge norms sent discharge into dee <b>Disposal (KLD)</b>	ndment No. ent facilities ad tertiary), to M/s NCT	
	703 KLD, treated effluent, 956 KLD, low COD effluent from		Dermission	699.00	NCT-Pipeline	109.00	
	utilities and 60 KLD. Industrial effluent from M/s. Aarti industries (Unit-III) shall be treated in RO. 1375 KLD, RO		Permission Oct'24	688.00 243.09	<b>490.00</b> 240.50	<b>198.00</b> 2.59	
	permeate shall be reused within premises and 344 KLD, RO		Nov'24	256.25	252.91	3.34	
	reject shall be treated in MEE. 318 KLD, MEE condensate shall be reused within premises.		Dec'24	246.88	246.88	0.00	
	shan be reused within premises.		Jan'25	265.51	265.51	0.00	
			Feb'25	301.23	301.23	0.00	
		╟┝	Mar'25	305.63	305.63	0.00	
			101 23		000.00	0.00	
17.	Treated wastewater shall be sent to M/s. NCT, pipeline only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human	T			nd connected requ tinuous monitorine		

	health and environment.	discharge. To make sure that discharge parameters are being followed, we have set up an interlock system that is connected to a TOC meter. The DSC system also has an alarm for this purpose. The treated effluent met the discharge norms sent to NCT-JPP pipeline for deep sea discharge. Apart from that, M/s. NCT is regularly sampling and monitoring treated effluent. Furthermore, Monthly treated effluent monitoring is also conducted by external laboratories that hold both NABL accreditation and approval from the MoEF&CC. The reports for February 2025 are provided in <b>Annexure-34</b> .
18.	Unit shall provide adequate treatment to industrial effluent in such a way that feeds wastewater to inhouse MEE only after ensuring content to effluent for COD/VOC so as not to get the air borne during evaporation in order to achieve no adverse impact on Environment and Human Health.	<b>Complied.</b> Currently, the unit is managing industrial effluent as per condition no. 3.3 (a & b) of CC&A Amendment No. AWH-138793 dated 03.02.2025. The unit has provided primary, secondary & tertiary treatment & Ammonia stripping unit for industrial effluent to control COD/VOC so that no airborne emissions is generated during evaporation.
19.	Domestic wastewater generation shall not exceed 178 KL/Day for proposed projects and it shall be treated in STP. It shall not be disposed of through a soak pit septic tank. Treated sewage can be utilized for gardening and plantation purposes within premises after achieving onland discharge norms prescribed by the GPCB or reused in process & cooling water.	<b>Complied</b> . Unit has a proper Sewage treatment facility - STP to treat domestic effluent. Treated domestic wastewater is utilized in gardening/plantation and cooling towers within own premises. Domestic wastewater generation is well within limit as prescribed in CC&A No. AWH-138793 i.e. 120 KLD.
		MonthQuantity (KLD)Oct'2445.742Nov'2437.167Dec'2432.387Jan'2542.742Feb'2542.036Mar'2548.226
20.	During monsoon season when treated sewage may not be required for the plantation/gardening/greenbelt purpose. It shall be reused within the process and cooling tower. There	<b>Complied.</b> During the rainy season sewage generated from the domestic activities are treated in STP & used in cooling

		ll be no discha case.	arge of v	waste v	water ou	ıtside the	towers as a makeup water.						
21.	out	e unit shall p let of the fento tem, MEE plan ne.	on treat	tment,	effluent	t treatme	Complied.Flowmeters are provided at inlet and outlet of treatmentfacilities.Photographs of Flowmeters are attached asAnnexure-15 for your ready reference.						
22. A.3	qua effl & p furn AIR	per Logbook of lity and quant uent reused in ower consump nished to GPCB	ity, che proces otion et from ti	mical & s & gar c. shall ime to t	& power dening, l be mai time.	consump /plantatic intained	recycle/ consumj treated logbooks referenc	maintaining pro reuse of treate ption in effluen effluent, power s are attached e.	ed/ untreated e t treatment, qu c consumption as <b>Annexure</b> -	of ETP, MEE, STP, effluent, chemical antity & quality of . Photographs of <b>16</b> for your ready			
23	Unit	shall not exce	ed fuel	consui	mption	for boilers	s, TFHs, HAG	and oxidi	zers and D G Se	t as mentioned	l below:		
					<b>.</b>	Type of		Fuel consumption is well within the given limit.					
	Sr.	emission with	Heigh	of	Fuel (MT/	emissio n i.e. Air Pollutio ns	Air Pollution Control Measure	Sr No.	Month	HSD (L/Hr)*	Coal (MT/Hr)*		
	N o:							1	Oct'24	20.347	2.202		
		capacity	- ()		Day)		s (APCM)	2	Nov'24	2.508	2.549		
		DG Set 650					Acoustic	3	Dec'24	8.091	2.137		
	1	KVA (2 Nos.)	11	HSD				Enclosur e	4	Jan'25	0.000	2.047	
		DG Set 1010				Particul	Acoustic	5	Feb'25	2.048	2.287		
	2	KVA (7 Nos.)	11	HSD		ate	Enclosur e	6	Mar'25	4.161	2.282		
	3	DG Set 2500 KVA (4 Nos.)	11	HSD	7086 Lit/Hr.	matter SO2 NOx	Acoustic Enclosur e	For prop	*The above mentioned data is for existing facilities only For proposed facilities, the unit shall comply with th condition after installation and obtaining CC&				
	4	DG Set 750 KVA (3 Nos. Existing)		HSD			Acoustic Enclosur e	amendment. Unit has provided adequate APCMs in the existing flue					
	5	DG Set 1500 5 KVA (2 Nos. 11 HSD matt Proposed) SO2 NOx					Acoustic Enclosur e	<ul> <li>gas generation sources &amp; is achieving the norms as per GPCB/CPCB/MoEF&amp;CC standards.</li> <li>Flue gas emissions are well within the limit.</li> <li>Month-wise results of the flue gas emission are provided in the Annexure-17.</li> </ul>					

6	Boiler 30 TPH (2 Nos.)	52 m each	Coal	7.5 MT/H r. For each Boiler	a a v	Lime addition along with coal -ESP	Analysis reports of Flue gas emission for Feb '25 a attached as <b>Annexure-18</b> .
7	Boiler 150 TPH (1 Nos.)	83	Coal	37.5 MT/H r.	a a v	ime addition along with coal ESP	
8	k) 4 Lakh	& 15	Coal/ NG	0.2 MT/H r/ 6 Nm3/ Hr		Dust Collector, Cyclone Geparator For Coal)	
9	Thermic Fluid Heater (Thermopac k) 40 Lakh Kcal/Hr (2 Nos.)	34 m each	Coal	1.95 MT/H r for Each	E	3ag Filter	
10	Hot Air Generator (For Calcium Chloride Dryer) - (1 No.)	33	Coal	8 MT/H r.	5 , E 8	Cyclone Separator Bag filter & Water Scrubber	
11	Vent gas oxidizer - 1 No Proposed)	30	Natu ral gas	41 Nm3/ Hr.	-	-	
12	D.G Set 1500 kVA (2 Nos.)	33	Diese 1	660 L/Hr.	s ŀ /	Adequate stack neight + Acoustic parrier	

	amal TPH Stear The	ed (Unit-III), Plo gamation Unit-III v Boiler proposed in t n condensate will l Chilling water/cool stries Limited (Unit-	will be p his Aarti be receiv lant will	art of U Indust ved bac be su	Unit Il) ries Lin k lo th		
24.		shall provide adequ ses as mentioned ab		M with	ı flue ga	as generation	<b>Complied</b> . Unit has provided adequate APCMs in the existing flue gas generation sources & is achieving the norms as per standards mentioned in CC& A.
25.		shall provide ad ration sources as mo	-			<b>Complied.</b> Unit has provided adequate APCMs in the existing process gas generation sources & is achieving norms as	
	Sr. No:	Specific Source of emission (Name of the product & process)	of	Perm issibl e Limit s	Stack / Vent Heigh t (m)	Air Pollution Control Measures (APCM)	per standards mentioned in CC&A. Process gas emissions are well within the prescribed limit. Month-wise results of the process gas emission are
	1	Reformer	со	150 mg/N m3	26	-	provided in the <b>Annexure-19</b> . Analysis reports of process gas emission for Feb"25 are attached as <b>Annexure-18</b> .
	2	CaCO3 Reactor	HCl	20 mg/N m3	23	Alkali Scrubber	The above mentioned data is for existing facilities only. For remaining facilities, the unit shall comply with the
	3	CaCl2 Dryer vent	Particu late Matter	mg/N	20	Cyclone separators & Wet Scrubber	condition after installation and obtaining CC&A amendment.
	4	Chlorinator Reactor vent	HCl Chlori ne	20 mg/N m3 09 mg/N m3	15	Falling film absorber followed by Alkali Scrubber	
	5	Nitration Vessels	NOx	25 mg/N m3	15	Acidic Scrubber	
	6	CLB- Cl2 scrubber	C12	09 mg/N m3	15	Single Stage, 10% NaOH	

7	CLB -	PDCB	voc	-	15	Single Stage,
	Scrubbers					ODCB
8	CLB - Scrubber-	HCL	HCl	20 mg/N m3	15	HCI absorber followed by caustic scrubber
9	CLB - Scrubber	HCL	HCl	20 mg/N m3	15	HCI absorber followed by caustic scrubber
10	TCB - Scrubber	HCL	HCl	20 mg/N m3	15	HCI absorber followed by caustic scrubber
11	TCB - Scrubber	Cl2	Cl2	09 mg/N m3	15	Single Stage, 10% NaOH
12	TCB - Scrubber	ODCB	voc	-	15	Single Stage, ODCB
13	DCPNA - Scrubber	HCL	HCl	20 mg/N m3	15	HCI absorber followed by caustic scrubber
14	DCPNA Scrubber	- Cl2	Cl2	09 mg/N m3	15	Single Stage, 10% NaOH
15	DAPBI Proc	ess	HCl	20 mg/N m3	15	Water Scrubber followed by Alkali Scrubber
16	DAPBI Proc	ess	NH3	175 mg/N m3	15	Acidic Scrubber

	17 18 19	ETP Scrubber Scrubber connected to Nitration Reactors. Scrubber connected to Chlorination Reactor	NOx	175 mg/N m3 25 mg/N m3 25 mg/N m3	11	Acidic Scrubber 2-stage Alkali Scrubber Water scrubber followed by Alkali Scrubber	
	20	PSA Absorber	voc	-	26	Water scrubber	
26.	mon prese (e.g. indic	fugitive emission in itored. The emissior cribed by the conce Directors of indu cative guidelines sh ive emission.	n shall co erned au strial Sa	onfirm t ithoritie afety &	o the st s from Healt	andards time to time h) Following	<b>Complied.</b> The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37 and the copy of the same is attached as <b>Annexure-7</b> for your reference.
X	internal roads shall be either concentrated or asphalted or paved properly to reduce the fugitive emission during vehicular movement.						Complied. All internal roads are asphalted or paved properly and cleaned on a regular basis. The entire site is either asphalted or paved area or green area.
×		oorne dust shall be ble locations in the		ed with	ı water	<b>Complied.</b> Water sprinklers have been provided in the coal and ash handling area to reduce fugitive emission.	

X	A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.	<b>Complied.</b> Green-Belt developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission. Photographs of the existing greenbelt are attached as <b>Annexure-2</b> .
27.	Regular monitoring of Volatile Organic Compounds (VOCS) shall be carried out in the work zone and ambient air.	<b>Complied</b> . The unit is carrying out regular monitoring of Volatile Organic Compounds in the work zone and ambient air. Kindly refer <b>Annexure-7 &amp; Annexure-5</b> respectively.
28.	For control of fugitive emission, VOCs, following steps shall be	followed:
a.	Closed handling and charging systems shall be provided for chemicals.	<b>Complied</b> . Closed handling and charging systems are provided for chemicals.
b.	Reflux condenser shall be provided over reactors/ vessels.	Complied.
C.	Pumps shall be provided with mechanical seals to prevent leakages	<b>Complied</b> . Mechanical seals pumps are provided in the unit to prevent the leakage.
d.	Air borne dust at all transfers operations/points shall be controlled either by spraying water or providing enclosures.	<b>Complied.</b> No such aspect (air borne dusty operation) is there in our plant. All the processes are being carried out in closed vessels only. The unit is taking adequate measures to control the air borne dust from the plant.
29.	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, HCl, CI2,CO, NH3 and VOC shall be	<b>Complied</b> . Unit is carrying out Ambient Air monitoring as per the

_		
	carried out in the impact zone and its records shall be	National Ambient Air Quality Standards (NAAQS)
	maintained. Ambient air quality levels shall not exceed the	covering all the parameters at upwind and downwind
	standards stipulated by the GPCB. If at any stage these levels	location (at 3 specific locations) by a MoEF&CC
	are found to €exceed the prescribed limits, necessary	approved and NABL Accredited laboratory. All results
	additional control measures shall be taken immediately. The	are well within the prescribed limits. The results of the
	location of the stations and frequency of monitoring shall be	analysis are provided in the following table.
	decided in consultation with the GPCB.	
		Month-wise results of the various parameters are
		provided in the <b>Annexure-5</b> .
		Ambient Air Monitoring Report of Feb '25 is attached as
		Annexure-6 for reference.
1	1	

A. 4	SOLID/HAZA	SOLID/HAZARDOUS WASTE												
30.	All the hazar	All the hazardous/ solid waste management shall be taken care as mentioned below ;												
						Hazard		Complianc	e Status					
S. No.	Type of Hazardous Waste	Source of Generation	Unit-II	Unit-II I	Total After Amendme nt on Unit II	ous Waste Catego ry No.	Mode of Disposal							
	MEE/ evaporation Salt	ETP Plant	9490	1825	11315				waste dis given limit.	posal qua	ntity is well			
	ETP Waste	ETP Waste	9807	0				Month		Quantity (	MT)			
						35.3			ETP S	ludge	MEE Salt			
		Vaste ETP Waste from Unit-III						Oct'24	26.4	120	33.610			
					12910		Collection	Nov'24	32.3	320	83.770			
	LII Wuste		~ 1 3103	0	11510		, Storage, Transport ation & disposal to TSDF	Dec'24	46.8	300	43.290			
								Jan'25	34.1	.00	20.060			
1								Feb'25	53.8		17.600			
								Mar'25	36.9	940	18.700			
	Silica	CaCl <sub>2</sub> Process	19512	0	19512		site/Co-pr ocessing		given limit.	posal qua Sludge Landfilli ng	ntity is well Total Quantity			

											(MT)
								Oct'24	0.000	110.930	110.930
								Nov'24	0.000	793.440	793.440
								Dec'24	0.000	149.660	149.660
								Jan'25	0.000	181.010	181.010
								Feb'25	0.000	126.040	126.040
								Mar'25	201.450	188.660	390.110
							Collection , Storage,		waste dis given limit. <b>Used</b>		tity is well
							Transport ation, &	Moi		Quantity (N	<u>лт)</u>
2	2 Used oil	Utility	40	6	46	5.1	Disposal by selling	Oct		0.000	
							to	Nov		0.000	
							registered	Dec		0.000	
							re-proces	Jan	25	4.430	
							sors.	Feb	'25	0.000	
								Mar	'25	0.000	
3	Empty Barrels & Empty	33.1	Collection , storage, transport ation, decontam ination & Disposal to Recycler/	Empty Mo	given limit. y Barrels & I iscarded Con nth	Empty HDPE ntainers /Bag Quantity	js (MT)				
	HDPE bags	area					TSDF/		:'24	4.570	
							sending back to		/24	39.74	
							pack to raw		:'24	16.85	
							material		n'25	31.31	
							supplier/		o'25	6.570	
							Co-proces	Ma	r'25	7.020	)
							sing.				

	Discarded Containers /Bags		100	240	340		Collection , storage, transport ation, decontam ination & Disposal to Recycler/ TSDF/ sending back to raw material supplier.		
4	Distillation residue & waste	Process	1404	2700	4104		Collection , storage, transport	within the given li	disposal quantity is well mit. <b>'Process Residue</b>
							ation & disposal	Month	Quantity (MT)
						26.1	to	Oct'24	183.170
							incinerati	Nov'24	215.380
5	Process	Process	12480	0	12480		on	Dec'24	136.540
	residue	1100633	12400	0	12400		/Co-proce	Jan'25	143.130
							ssing.	Feb'25	101.040
								Mar'25	139.070
							Collection , storage, transport	within the given li	disposal quantity is well mit.
							ation &		t Catalyst
	Spent	Hydrogenati					disposal to	Month	Quantity (MT)
6	Catalyst	on process	444	54	498	26.5	registered	Oct'24	8.364
	-	-					re- generator	Nov'24	6.310
							s/ TSDF	Dec'24	8.077
							site &	Jan'25	8.556
							(reuse for	Feb'25	2.211
							U-III)	Mar'25	9.341
	Hydrochloric					B15 of	Collection , storage,	Complied.	
7	acid (HCl)	Scrubber	205620	23276	228896	Schedu le-II	, storage, transport ation &	within the given li	disposal quantity is well mit.

							reused in manufact				
							uring of		Hydrochlori	c acid (HCl)	
							CaCl2. OR sold to authorize actual end users having Rule 9		In-house utilization for manufactu ring of CaCl2	Dispatch ed to actual end-user	Total Quantity (MT)
							permissio	Oct'24	5810.400	1421.150	7231.550
							n or (it will be	Nov'24	7632.472	827.150	8459.622
							will be neutralize	Dec'24	7600.900	2667.790	10268.690
							d and	Jan'25	6968.086	1577.430	8545.516
							send for	Feb'25	6808.922	595.780	7404.702
							treatment to ETP, for	Mar'25	6888.425	179.410	7067.835
							U-III)			•	
8	Spent Sulphuric acid (H2SO4)	Process	20856	56700	77556	B15 of Schedu le-II	Collection , storage, transport ation &	-	phuric acid w		-
9	Sodium Hydrochlorite (NaOCl)	Process	45084	0	45084	B15 of Schedu le-II	Collection , storage, transport ation & sold to authorize d actual end users having Rule 9 permissio n.		Hypochlorite i		g generated
10	Sodium Chloride (NaCl)	Process	44160	0	44160	B15 of Schedu le-II	Collection , storage, transport ation & sold to authorize d actual end users having Rule 9	<b>Complied</b> NaCl is reporting	not being g	generated	during the

			· · · · ·					
							permissio n/ TSDF	
							site for landfill	
11	Ortho Nitro Phenol (ONP/ Para Nitro Phenol (PNP)	Process	492	0	492		Collection , storage, transport ation & sold to authorize d actual end users having Rule 9 permissio n.	Complied. Presently the Unit is having Partial CCA. Ortho Nitro Phenol (ONP/ Para Nitro Phenol (PNP) is not being generated during the reporting period.
12	Nitrosyl Sulphuric Acid (NSA)	Process	17652	0	17652	B15 of Schedu le-II	Collection , storage, transport ation & sold to authorize d actual end users having Rule 9 permissio n.	Complied. Presently the Unit is having Partial CCA. Nitrosyl Sulphuric Acid (NSA) is not being generated during the reporting period.
13	Calcium Chloride Solution as brine	Process	120000	0	120000	C2 of Schedu le-II	Collection , storage, transport ation & sold to authorize d actual end users having Rule 9 permissio n.	Complied. Calcium Chloride Solution as brine is not being disposed off during the reporting period.
14	Spent Carbon	Process and ETP	1020	60	1080	36.2	Collection , Storage, transport ation, sent for co-proces sing/ incinerati on	Spent CarbonMonthQuantity (MT)Oct'2419.330
								Jan'25 33.760

	I					1		
								Feb'25 18.650
								Mar'25 18.020
15	Off-specificati on product	Process	25	120	145	26.1	Collection , Storage, Transport ation disposal to Co-proces sing/ Incinerati on (Disposal at Co-proc€s sing is not for U-III)	Complied.
16	PPE's Waste, non-recyclabl e plastic waste	Operation waste	200	0	200	33.2	Collection , Storage, Transport ation disposal to Land filling	Month         Quantity (MT)           Oct'24         0.000           Nov'24         0.000
17	Contaminate d Cotton Waste, Paper Waste, Contaminate d Woods	Operation Waste	150	4	154	26.1	Collection , Storage, Transport ation disposal to incinerati on	Complied.
18	Stripper TOP containing organic content	Stripper	1095	0	1095	26.1	Collection , Storage, Transport ation disposal to incinerati on/	Stripper TOP containing organic content is not being generated during the reporting period.

							Co-Proces			—
							co-Proces sing			
19	Spent solvent	Process	35	0	35	26.1	Collection , Storage, Transport ation disposal to incinerati on/Co-Pro cessing or Approved Recycler. Collection	Spent solvent is not reporting period.	: being generated durin	g the
20	Scrub Liquid	From NOx Scrubber	0	350 KL/ Year	350 KL/Year		, Storage and treated at in-house ETP.	Presently the Unit	is having Partial CCA. S eing generated during	
21	Insulation Waste	Maintenanc e	0	24	24	-	Collection , Storage, Transport ation disposal by at TSDF Site	within the given lin Insulat Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	disposal quantity is nit. tion Waste Quantity (MT) 0.000 13.880 0.000 10.450 0.000 2.670	well
22	Recycle Solvent	Process	212368	0	212368	26.1	Collection , Storage and utilized internal recovery in same process	Presently the Un Recycle Solvent is the reporting period	it is having Partial not being generated du l.	
Detai	ls of Non-Haza	rdous waste	& it's dis	posal (N	/ISW and of	thers):				
1	Fly Ash	Use of Coal	56590	0	56590	Constru activiti		Fly Ash disposal of given limit.	quantity is well withir <b>y Ash</b> Quantity (MT)	1 the

							Month	Quantity (Kg)
6	Bio-medical waste	Occupationa l health center	1	0.5	1.5	Collection, Storage, Transportation, Disposal to CBWTF- Incineration	within the given lir	disposal quantity is well nit. <b>dical waste</b>
5	Battery waste	Plant and machinery	100 Nos.	0	100 Nos.	Collection, Storage, Transportation, Disposal by selling to authorized recyclers	reporting period.	t disposed off during the
	waste						Nov'24           Dec'24           Jan'25           Feb'25           Mar'25	0.000 0.000 0.000 0.000 0.000 0.000
4	E-waste/ Electrical	Plant and I	26	authorized recyclers		E-waste Quantity (MT) sent to authorized recycler 0.000		
						Collection, Storage, Transportation, Disposal by selling to	given limit.	quantity is well within the
3	Insulation Waste	Plant and machinery	150	24	174	Collection, Storage, Transportation disposal by at TSDF Site.	of condition no 30	sposal is given in Sr. no. 21 of A.4 section.
2	Office Waste	Admin/ Office	30	0	30	Collection, Storage, Transportation, Registered recyclers		ing disposed of along with co-processing to cement
							Dec'24 Jan'25 Feb'25 Mar'25	107.340         132.920         129.180         124.580         129.180
							Oct'24 Nov'24	98.310 107.540

							Oct'24	0.200
							Nov'24	0.250
							Dec'24	0.220
							Jan'25	0.150
							Feb'25	0.000
							Mar'25	0.220
7	Glass Waste	Plant/lab/ Buildings	12	2	14	Collection, Storage, Transportation, disposal /sold to scrap processors	<b>Complied</b> . Glass waste is not gen reporting period.	erated during the
8	STP Waste (Sludge)	STP	120	0	120	Collection, Storage, Transportation, Disposal as manure.	manura in harticultur	g utilized internally as e.
31.	Authorized er authorities un and Transbour	der Rule 9 of	f Hazard	internally utilizing manufacturing of Cal- any breakdown in C selling it out to actua permissions from th under the Rule 9 an Refer <b>Annexure-20</b> end-users and MoU e is also abiding by prescribed in Hazard	is generating HCl and g the same for cium Chloride. In case of CaCl2 plant, unit is also al end-users having valid e concerned authorities ad after executing MoU. for list of authorized executed with them. Unit all the requirements dous and Other Wastes ansboundary Movement)			
32.	Unit shall expl co-processing wastes before	of hazardous	s waste	for disp	hazardous waste as th	ring the co-processing of the most preferred mode of ossible. Please refer the EC conditions No. 30		
33.	The unit shall along with Mo to the comme of these items items.	oU signed wit ncement of p	th them roductio	internally utilizing manufacturing of Cal any breakdown in C selling it out to actua	is generating HCl and g the same for cium Chloride. In case of CaCl2 plant, unit is also Il end-users having valid e concerned authorities			

	under the Rule 9 and after executing MoU. Refer <b>Annexure-20</b> for list of authorized end-users and MoU executed with them. Unit is also abiding by all the requirements prescribed in Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.

A. 5	OTHER	
34	The project proponent shall allocate the separate fund of 2.5 Crore as committed before SEAC. The entire activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's no. F. No. 2265/2017-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 to the District Collector. The monitoring report shall be posted on the website of the project proponent.	<b>Complied.</b> Kindly refer <b>Annexure-21</b> for CSR/CER Activities carried out from Oct '24 to Mar'25.
35.	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by.M/s Jyoti Om Chemical Research Centre 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>Complied.</b> All the recommendations / commitments made in the EIA report are being implemented.

В	GENERAL CONDITIONS	
B.1	CONSTRUCTION PHASE	
36.	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<b>Complied.</b> Unit has adopted best construction practices to safeguard the water consumption & reduce the demand.
37.	Project proponent 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.	I All construction materials are transported I
38.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	complica.

		<ul> <li>Adequate sanitary and hygienic measures has been provided at the site and will be maintained throughout the construction phase as per below:</li> <li>Clean up of jobsite after major tasks or at least daily;</li> <li>Avoiding the build-up of hazardous, flammable, or combustible materials. Keeping walkways, stairs, and work areas clear.</li> <li>Separate bathroom facilities are provided for male and female workers on a job site. Washing facilities on the site are provided for workers to wash their hands and avoid cross-contamination before eating, drinking or heading home for the day. Hence, workers can wash away harmful substances and use the washing area to service and decontaminate personal protective equipment (PPE).</li> </ul>
39.	First Aid Box shall be made readily available in adequate quantity at all times.	<b>Complied.</b> First Aid Boxes are available at prominent locations in adequate quantity.
40.	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	<b>Complied.</b> The unit is strictly complying with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments.
41.	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 the construction phase.	<b>Complied.</b> Monthly Ambient Noise monitoring is being conducted by a MoEFF&CC recognized and NABL accredited laboratory. Month-wise results of ambient noise monitoring are provided in the <b>Annexure-22</b> . Ambient Noise Monitoring Report of Feb'25 is attached as <b>Annexure-23</b> for reference.
42.	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> . All the DG are provided with Acoustic Enclosures. Monthly Noise monitoring is being conducted by a MoEFF&CC recognized and NABL accredited laboratory.

		Month-wise results of the DG Set monitoring are provided in the <b>Annexure-17</b> . The results of the DG Set monitoring for Feb'25 are attached as <b>Annexure-24</b> .
43.	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	<b>Complied.</b> Unit is sending all the generated domestic effluent to a dedicated sewage treatment plant located in the unit for proper treatment and solid waste is being properly collected, segregated and disposed of on regular frequency.
44.	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	<b>Complied.</b> All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
45.	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balanced 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 the construction phase shall not create adverse effects on neighbouring communities.	<b>Complied.</b> All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
46.	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> Unit is using fly ash bricks, fly ash paver blocks for the construction purpose.
47.	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.	<b>Complied</b> . Unit is sending 100 % of fly ash generated from the plant to brick manufacturers. Fly Ash Return 24-25 & MOU with the brick manufacturer is attached as <b>Annexure-25</b> .
48.	"Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual buildings within the project site shall also be provided with barricades.	<b>Complied.</b> Temporary wind shielding along with barricades of adequate height had been provided along the periphery of the project site.
49.	"No uncovered vehicles carrying construction material and waste shall be permitted."	<b>Complied.</b> All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
50.	"No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered. Uniform	Complied.

	piling and proper storage of sand to avoid fugitive emissions shall be ensured."	All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
51.	Roads leading to or at construction site must be paved and blacktopped (i.e metallic roads).	Complied
52.	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	<b>Complied.</b> No excavation of soil is being carried out without adequate dust mitigation measures in place. Utmost measures are being adopted to prevent dust at our construction sites before carrying out any excavation activity.
53.	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	Complied.
54.	Grinding and cutting of building materials in open areas shall be prohibited.	Complied.
55.	Construction material and waste should be stored only within earmarked areas and road side storage of construction material and waste shall be prohibited.	Complied.
56.	Construction and demolition waste processing and disposal sites shall be identified and required dust mitigation measures be notified at the site. (If applicable).	Complied.
B.2	OPERATION PHASE	
B.2.1	WATER	
57.	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.	
58.	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<b>Complied.</b> Unit receives water from the GIDC water supply. Water meters are installed and records are maintained.

59.	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.	Complied.
B.2.2	AIR	
60.	In case of use of a spray dryer, the unit shall provide the adequate & efficient APCMs with the 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 a half yearly compliance report.	<b>Not Applicable</b> as the unit has not installed any spray dryer. The Unit has installed adequate & efficient air pollution control systems at other process vent & utility stack outlets to achieve the norms prescribed in the CC&A.
61.	Acoustic enclosure shall be provided to the D.G. sets(If applicable) to mitigate the noise pollution and conform to the EPA Rules for air and noise emission standards.	<b>Complied.</b> The unit has provided acoustic enclosure to all the DG Set to mitigate the noise pollution.
62.	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> The Unit has installed adequate & efficient air pollution control systems at other process vent & utility stack outlets to achieve the norms prescribed in the CC&A.
63.	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> Unit is following the norms for flue gas & process gas emission as per the norms prescribed in the CC&A. The unit is carrying out stack analysis by a MoEF&CC recognised & NABL accredited laboratory. Refer compliance of condition 23 and 25 of A.3.

		1
64.	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<b>Complied.</b> The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37 and the copy of the same is attached as <b>Annexure-7</b> for your reference.
65.	Adequate Air Pollution Control Measures [APCM] shall be provided.	<b>Complied</b> . Adequate APCM is provided to all process and flue gas stacks as recommended by GPCB.
66.	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>Complied.</b> The unit will adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control.
67.	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 (waler curtain), closed / automatic material handling system, containment of the odor vulnerable areas etc.	<b>Complied.</b> Odor control measures are in place to control odor nuisance from specific activities.
68.	Unit shall provide wall to wall carpeting in vehicle movement areas within premises to avoid dusting.	Complied.
B.2.3	HAZARDOUS/SOLID WASTE	
69.	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.	<b>Complied.</b> Unit is strictly complying with the regulatory norms & maintaining the records with regards to handling and disposal of Hazardous waste in accordance with the Hazardous & Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Unit is strictly complying with all the conditions stipulated in our CC&A No. AWH-119949, date of issue: 05/07/2022 and CC&A amendment no. H-119950, date of issue: 05/08/2022, CCA amendment AWH-126636 dated 28/06/2023 valid till 30/04/2029. CCA amendment AWH-138793 dated 03/02/2025 valid till 30/04/2029
70.	Hazardous wastes shall be dried, packed and stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<b>Complied.</b> All the hazardous waste is stored in the designated storage area with a pucca bottom and proper leachate collection facility.

71.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	<b>Complied.</b> Unit has taken necessary permission from the nearby TSDF site and CHWIF. Membership Certificates are attached as <b>Annexure-26</b> .
72.	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.	<b>Complied.</b> Unit is following the Motor Vehicle Act, 1988 and rules for the vehicles transporting hazardous waste. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with an active AIS-140 GPS system.
73.	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	Complied.
74.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<b>Complied</b> . Unit is already following the co-processing of hazardous waste as a mode of disposal wherever possible.
75.	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.	<b>Complied.</b> Unit is sending 100 % of fly ash generated from the plant to brick manufacturers. Fly Ash Return 24-25 & MOU with the brick manufacturer is attached as <b>Annexure-25</b> .
76.	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.	<b>Complied.</b> Unit is sending the Hazardous waste in a vehicle which has an AIS 140 GPS system.
77.	The by-products which fall under the purview of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions from the concerned authority shall be obtained.	
78.	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 items.	<b>Complied.</b> Unit has submitted the list of authorized end users of hazardous waste along with a MoU signed with them to the board on XGN portal.
79.	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> . Unit is already following the co-processing of hazardous waste as a mode of disposal wherever possible.
B.2.4	SAFETY	

80.	The occupier/manager shall strictly comply with the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<b>Complied</b> . Unit has obtained a valid Factory License (License No. 15402, valid upto 31 <sup>st</sup> December, 2025). Factory License is attached as <b>Annexure-9</b> for reference.
81.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended from 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.	<ul> <li>Complied.</li> <li>The company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.</li> <li>Following measures are taken: <ul> <li>PESO License obtained from DISH</li> <li>Plan approval from DISH</li> <li>Factory license obtained from DISH</li> <li>MSDS for all chemicals</li> <li>A mutual aid agreement to render all emergency services.</li> <li>On site emergency plan (attached as Annexure-27) and offsite mutual aid. (attached as Annexure-28)</li> <li>PLI Policy (attached as Annexure-29)</li> </ul> </li> </ul>
82.	Main entry and exit shall be separate and clearly marked in the facility.	Complied. Main entry and exit of plant premises are separate.

		<image/> <image/>
83.	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> . A clear margin excluding greenbelt has been provided for free movement of fire tender/ emergency vehicles around the premises.
84.	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b> . Dedicated storage facility of flammable chemicals provided at safer distance from production area as per PESO approval.
85.	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b>Complied</b> . Sufficient no. of fire extinguishers are provided near the plant and storage area.
86.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	<b>Complied</b> . All necessary precautionary measures are taken to avoid any kind of accident during storage and handling of toxic/hazardous chemicals. HAZOP and Risk assessment system is in place. Induction/Refresher/specific training system is carried out on a regular basis for all employees. Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
87.	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.	<b>Complied</b> . All the toxic/hazardous chemicals are stored in optimum quantity and all necessary permissions in this regard are obtained before

		commencing the expansion activities. Maintaining the storage concept.
88.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied.</b> Unit is strictly complying with all the mitigation measures and safeguards that are suggested in the Risk Assessment report.
89.	Only flame proof electrical fittings shall be provided in the plant premises.	<b>Complied</b> . Only flameproof electrical fittings are provided in the plant premises. Unit has carried out Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai. The cover page of the same is attached as <b>Annexure-12</b>
90.	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	<b>Complied</b> . Unit is ensuring minimum storage of hazardous chemicals. Most of our raw materials are handled through small capacity tanks/containers.
91.	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<ul> <li>Complied.</li> <li>Dyke walls have been provided for all storage tanks.</li> <li>Closed loops systems to transfer the materials to avoid leakage/ spillage.</li> <li>Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.</li> <li>Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.</li> <li>Close monitoring through the DCS panel.</li> <li>Maximum allowable storage level is 80% of total capacity.</li> <li>Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.</li> </ul>
92.	Handling and charging of the chemicals shall be done in a closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<b>Complied</b> . Unit strictly follows all the standards for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.
93.	Tie up shall be done with a nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<b>Complied</b> Unit has tied up with nearby health care units. (Jayaben Modi Hospital, 32 Kms)

		<text></text>
95.	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<b>Complied</b> . Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
93.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b>Complied</b> First Aid Box and required Antidotes for the chemicals used in the unit are made readily available in adequate quantity.
		<b>Complied</b> . Regular training is conducted to all the workers on safety and health aspects of Chemical handling & details of the same for the duration of Oct'24 to Mar'25 is given below:
97.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Training Topic No of participants
		Environment/ 824 Sustainability
		Safety Training (Work permit, Induction, 149 Workplace safety etc)
98.	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.	<b>Complied</b> . OHC is maintaining all the records as per the Factories Act & Rules. Pre-employment and periodical medical examinations for all the workers are done &

		<ul> <li>Factory Rules ar Medical Examin and contractual March 2024. inc</li> <li>General che etc)</li> <li>Blood test (1 blood group)</li> <li>Urine test (1 examination)</li> <li>Vision test</li> <li>Pulmonary</li> </ul>	function test, etc. dical health surveillance of the
		Month of surveillance	Total no. of Person Examined
		Oct'24	724 (Employee) + 644 (Contract)
		Records of Medi	cal Check up are maintained.
99.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	=	of hazardous chemicals is being provisions of the Motor Vehicle
100.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	-	mented all the mitigation and ns mentioned in the EIA report.
101.	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	PESO. Factory Licence	nission has been taken from has been obtained from Factory SH), Govt. of Gujarat.
102.	Effective safety precautions shall be taken for chemical storage, process handling and transportation hazard.	-	precautions are being taken for age, process handling and azards.
103.	Unit shall prepare and implement SOP for safe operation of the works.	Complied	
104.	Comply the statutory provision of safety audit & its compliance report	Complied.	

		A safety audit report along with its compliance is being submitted to the DISH office regularly. The last safety report was submitted on 09.08.2024 which is attached as <b>Annexure-31</b> .
105.	Effective steps shall be taken for prevention of fire, explosion & toxic release.	<b>Complied</b> Effective steps are being taken for prevention of fire, explosion & toxic release.
B.2.5	NOISE	
106.	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 & amp; Rules.	<b>Complied.</b> Adequate measures are being taken to keep ambient noise well within the prescribed limits. Monthly Ambient Noise monitoring is being conducted by a MoEFF&CC recognized and NABL accredited laboratory. Month-wise results of ambient noise monitoring are provided in the <b>Annexure-22</b> . Ambient Noise Monitoring Report of Mar '24 is attached as <b>Annexure-23</b> for reference.
B.2.6	CLEANER PRODUCTION AND WASTE MINIMISATION	
107.	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.	Noted and will be complied

		Complied	
	The company shall undertake various waste minimization measures such as : a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of a close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h Recycling of steam condensate. i. Sweeping / mopping the floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	<ul> <li>charged after proper weighment only. All these meters and weighing machines are calibrated and records are maintained.</li> <li>Recovered solvents are being used as raw material in further steps.</li> <li>Filling is done on weighing balance manually but in controlled manner to minimize spillage.</li> <li>All reactors are in a closed loop and connected with condensers.</li> <li>All the reactors are equipped with vents/stacks, which are connected to either vanor recovery system consisting of</li> </ul>	
B.2.7	.7 GREEN BELT AND OTHER PLANTATION		
109.	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.	I linit has started developing the remaining green l	
110.	Drip irrigation / Iow-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Complied.	

		We are using a low-volume, low-angle sprinkler system for the green belt development within the premises.
B.3	OTHER CONDITIONS	
111.	SEAC has accepted that there will not be any additional pollution load after the merger of the ECs.	Noted.
112.	New EC order should be based on the total combined statement with implementable conditions superseding the old ECs.	Noted.
113.	Wherever waste water or chemical water to be collected by tankers and transported to CETP etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or loss will make it liable for action under the law.	
114.	All transport movement by tankers etc has to be done with maintenance of gate pass and logbook it should be verified by the inspection authorities.	<b>Noted &amp; Complied.</b> All transport movement by tankers etc is done with maintenance of gate pass and logbook.
115.	Non-hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie-up with industry for generating sustainable power from the waste.	Complied.
116.	All chemical pharma industry etc. should ensure predictive and preventive maintenance of factory / boiler and reactive show as lo avoid incident bf fire and safety hazards	Complied.
117.	EMP should include STP and detail cost including maintenance, transportation of waste water to CETP / CMEE etc as well as transportation cost or transit cost.	Noted & Complied.
118.	ln LDAR preventive and predictive maintenance plan.	<b>Complied.</b> Unit is adhering to internal guidelines for LDAR prepared based on the MoEF notification G.S.R.186 (E): Fugitive emission.
119.	ln LDAR leakage component, source of equipment leak, detention method should be given in table form.	<b>Complied.</b> Unit is adhering to internal guidelines for LDAR prepared based on the MoEF notification G.S.R.186 (E): Fugitive emission. LDAR Monitoring report for the period (Oct '24 to Mar'25) is attached as <b>Annexure-3.</b>
120.	In storage, components should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.	Complied.
121.	In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100% utilization should be ensured.	<b>Complied.</b> Unit is sending 100 % of fly ash generated from the plant to brick manufacturers. Fly Ash Return

		24-25 & MOU with the brick manufacturer is attached as <b>Annexure-25</b> .
122.	Project proponent (PP) shall install CEMS continuous Emission Monitoring System in line to CPCB directions to all SPCB vide letter no. & 29016/04/06PCl-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 bases. [For small/Large/Medium (Red category) & whichever (Air emission & Effluent discharge) is applicable.	The unit has installed and connected required OCEMS to CPCB & GPCB for continuous monitoring of effluent discharge. Screenshots of the CPCB & GPCB portal are attached as <b>Annexure-4</b>
123.	Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.	<b>Complied.</b> All environment management systems are installed as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.
124.	Project proponent shall display the copy of Environment Clearance at the site prominently.	Complied.
125.	Project proponent shall prepare and follow regular and preventive maintenance plans. The copy of the same shall be submitted to SEIAA.	Complied.
126.	Project Proponent will have to display the safety procedure in the working area.	Complied.
127.	The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.	Complied.
128.	Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP /TSDF / CHWIF / CMEE / Common Spray Dryer as the case may be.	Complied.
129.	Extra care will be taken by PP to avoid any accidental blast in the boiler, reactor or any machinery in the plant.	Complied.
130.	Environment monitoring, training and disaster management plans should be undertaken and complied at regular interval.	<b>Complied.</b> Environment monitoring, training and disaster management plan is being undertaken and implementation is ensured at regular intervals.
131.	Integrated Regional Office of MoEF&CC,Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	Noted.
132.	The PP has to maintain the logsheets / registers / manifest / gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and its disposal data and submit to the GPCB every quarter. quarter. GPCB shall verify the same on a regular	complete.

basis and inform SEIAA and take legal action in case of non compliance.	
Unit shall comply all the applicable standard conditions prescribed in Office Memorandum published by MoEF&CC	Noted
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).vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no XX)	Complied.
The provisions of the Solid Waste Management Rules 2016, e waste (management) Rules, 2016, the Construction and Demolition Waste management Rules, 2016 and the Plastics Waste management Rules, 2016 shall be followed.	Complied.
Rainwater harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	<b>Complied</b> . Unit assures to provide rain water harvesting at all possible locations & shall reuse the water after pre-treatment.
The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	<b>Complied</b> . Unit will join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.
Application of solar energy shall be incorporated for illumination of cómmon areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	<b>Complied</b> . Unit has installed solar panels at appropriate locations within the premises.
The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	<b>Complied</b> . Dedicated green belt area is embarked for plantation.
AII 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>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent	<b>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or
	compliance. Unit shall comply all the applicable standard conditions prescribed in Office Memorandum published by MoEF&CC 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) vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX) The provisions of the Solid Waste Management Rules 2016, e waste (management) Rules, 2016, the Construction and Demolition Waste management Rules, 2016 and the Plastics Waste management Rules, 2016 shall be followed. Rainwater harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC. Application of solar energy shall be incorporated for illumination of cómmon areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose. AII the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to. The project proponent shall also comply with any additional condition

	authority for the purpose for the environmental protection and management.	the SEIAA or any other competent authority for the purpose of environmental protection and management.
141.	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>Complied</b> . Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.
142.	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> Unit is adhering to stipulations of Gujarat Pollution Control Board.
143.	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<b>Complied</b> . Unit has provided a garland drain to avoid spillage mixing with stormwater.
144.	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 is provided in the areas of chemical handling to prohibit soil contamination.
145.	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	<b>Complied</b> . Unit is using only mechanical seal pumps in order to avoid the leakages.
146.	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>Complied</b> . The unit will take EC amendment if further expansion or modifications in the plant.
147.	The above conditions will be enforced; inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act,1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability insurance Act, 1991 along with their amendments and rules.	<ul> <li>Complied.</li> <li>Unit has complied with all the requirements as per the Water (Prevention &amp; Control of Pollution) Act, 1974, Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous &amp; Other Waste (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.</li> <li>PLI Policy (attached as Annexure-29)</li> </ul>
148.	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>Compiled</b> . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Kindly refer <b>Annexure-21</b> for CSR/CER Activities carried out from Oct '24 to Mar'25.

149.	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>Complied</b> . Unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report.			
150.	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied			
151.	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<b>Complied</b> . Unit has informed the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. The advertisement was published in Times of India Edition (in English) and Narmada Bhaskar (in Gujarati) on 07 <sup>th</sup> June 2022. A copy of the same is attached as <b>Annexure-32</b> .			
152.	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	<b>Complied</b> . Unit is submitting the six monthly compliance reports regularly. The last compliance report was submitted on 29.11.2024 for the period of Apr-'24 to sept-24 on the PARIVESH portal. A copy of the same is attached as <b>Annexure-33</b> .			
153.	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.	Unit assures the authority that no			
154.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied</b> Unit is adhering to stipulations of Gujarat Pollution Control Board.			
155.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.			
156.	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>Complied</b> . Unit is implementing these conditions in a time bound manner.			

157.	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>Not Applicable</b> as the Unit has not taken any loan from any bank. The project was self financed.					
158.	This environmental clearance is valid for seven years from the date of issue.	Noted.					
159	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.					
160	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	<b>Noted</b> . Unit assures the authority that no False/Fabricated data has been submitted herewith.					
B.4	COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINIST	FRATION/APPEAL:					
161.	Project proponent shall inform all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.	<b>Complied.</b> Unit has informed the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. The advertisement was published in Times of India Edition (in English) and Narmada Bhaskar (in Gujarati) on 07 <sup>th</sup> June 2022. A copy of the same is attached as <b>Annexure-32</b> .					
162.	Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.						
163.	Designated key persons shall submit six monthly compliance reports to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	<b>Complied</b> . Unit is submitting the six monthly compliance reports regularly. The last compliance report was submitted on 29.11.2024 for the period of Apr-'24 to sept-24 on the PARIVESH portal. A copy of the same is attached as <b>Annexure-33</b> .					
164.	The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliance of environment clearance conditions.	Noted.					
165.	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act,	Noted.					

	1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	
166.	Any person including the project proponent affected by this Environment Clearance order may file an appeal to the Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribed under section 16 of National Green Tribunal Act 2010.	Noted.
167.	All complaints and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a)msseiaagj@gmail.com& (b) seacgujarat@gmait.com	Noted.

<u>Annexure-1</u>

## **Environment Compliance Report of**

EC File No. SEIAA/GUJ/EC/5(f)/1161/2021

Dated 02/07/2021

**CL-1 CONFIDENTIAL** 

## Environment Clearance Compliance report for period October 24 to March 25

## File No.: SEIAA/GUJ/EC/5(f)/1161/2021 Dated 02/07/2021

			Capacity in MT / Year				
Sr. No:	Name of the Products	CAS No:	As per existing EC	-	Total after expansi on	End use of Products	Compliance
1	Hydrogen Gas	1333-74-0	3000 Nm3/Hr	0	3000 Nm3/Hr	Used in hydrogenatio n and reduction, preparation of AIPs such as anti-pyretic, anti-histami nic, anti-inflam matory, etc.	Complied. Please refer production details as mentioned in EC File No. SEIAA/GUJ/EC/5(f)/1 470/2022. The production quantity is well within the permitted capacity.
2	Purification of O/P/M Phenylene Di Amine	-	18000	0	18000	Dyes, Dye intermediate s, Basic pharma intermediate s, Pigments, Polymer	
3	Calcium Chloride (Solid)	10043-52- 4	72000	48000	120000	Oil exploration and used for Brine solution	

I.A	Group I.A - Chlorination	n Products	and Its Deriv	atives: 9000	00 MT/ Ye	ar	
1	Mono Chloro Benzene (MCB) Either / OR	108-90-7					
2	Ortho Di Chloro Benzene (ODCB)/ Para di Chloro Benzene (PDCB)/ Meta Di Chloro Benzene (MDCB) Either / OR	95-50-1/ 106-46-7/ 541-73-1					Complied
3	123/ 124 Tri Chloro Benzene (TCB) Either/ OR	87-61-6/ 120-82-1	72000	18000			SEIAA/GUJ/EC/5(f)/14 70/2022.
4	Ortho Chloro Toluene (OCT)/ Para chloro toluene (PCT) Either/ OR	95-49-8/			90000		
5	2- Chloro 4- Nitro Toluene Either/ OR	121-86-8			-		
6	6- Chloro 2- Nitro Toluene / 4-Chloro 2-Nitro Toluene Either/ OR	83-42-1/					
7	Crude of All above Group I.A (Sr. No: 1-6 Chlorination products)		0	90000			
I.B	Group I.B- Chlorination	Products a	and Its Deriva	tives: 7200	MT/Year		
1	2,4,6 Tri Chloro Aniline (TCAN) Either/OR	634-93-5	72000	-64800			<b>Complied</b> . Please refer
2	2,6 Di Chloro Para Nitro Aniline (2,6 DCPNA) Either/OR	99-30-9	0			Dyes, Dye intermediate s, Basic	production details as mentioned in EC File No.
3	2,4 Di Chloro Ortho Nitro Aniline (2,4 DCONA) Either/OR	12683-43-		7200	7200	pharma intermediate s, Pigments, Polymer	SEIAA/GUJ/EC/5(f)/14 70/2022. The production quantity is well within
4	2, 4 Di Chloro Aniline Either/OR	554-00-7					the permitted capacity.

5	Crude of All above Group 1. B (Sr. No. 1-4 Chlorination products)								
II.A	Group II.A- Hydrogenat	ed Product	ts and Its Deri	ivatives: 600	000 MT/Y	ear			
1	Ortho Toluidine/ Para Toluidine/ MetaToluidine Either/OR	95-53-4/ 0/ 0	36000/ 0/ 0	2400/ 60000/ 60000					
2	Meta Chloro Aniline /Ortho Chloro Aniline / Para Chloro Aniline Either/OR	108-42-9/ 95-51-2/ 106-47-8							
3	3,4 Di Chloro Aniline / 2,3 Di Chloro Aniline / 2,5 Di Chloro Aniline Either/OR	95-76-1/ 608-27-5/ 95-82-9							
4	2,4 Di Chloro Aniline / 2,6 Di Chloro Aniline / 4,5 Di chloro Aniliné Either/OR	554-00-7/ 608-31-1/ 626-43-7		36000	36000				<b>Complied</b> . Please refer
5	3,4 Di Amino Di Phenyl Ether / 4,4 Di amino Di phenyl Ether Either/OR	2657-87- 6/ 101-80-4						240	0.4000
6	Ortho Anisidine/ Para Anisidine/ Meta Anisidine Either/OR	90-04-0/ 104-94-9/ 536-90-3		24000		s, Pigments, Polymer			
7	Chloro Fluoro Aniline Either/OR	367-21-5					. ,		
8	Ortho Cumidine / Para Cumidine / Meta Cumidirie Either/OR	643-28-7/ 99-88-7/ 5369-16-4							
9	ToluidinesEither/OR	95-53-4	36000						
10	Aniline/ Either/OR	82-53-3							
11	Para Fluoro Aniline / Meta Fluoro Aniline / Ortho Fluoro Aniline Either/OR	371-40-4/ 372-19-0/ 348-54-9							
12	1, 3 Di Fluoro Aniline/ 2,4	367-25-9	36000/ 0	24000/ 60000					

	Di Fluoro Aniline Either/OR			
13	1,3 Di Fluoro Benzene Either/OR	072-18-9		
14	4-Fluoro-N- isopropyl Aniline Either/OR	70441-63- 3	36000	24000
15	4-Chloro-N- Isopropyl Aniline Either/OR	770-40-1		
16	2,3,4 Tri Fluoro Aniline Either/OR	3862-73- 5		
17	Crude of All above Group II. A (Sr. No. 1- 16 Hydrogenation products)		0	60000

II.B	Group II.B- Hydrogenated Products and Its Derivatives: 36000 MT/Year						
1	2,4,5 Tri Chloro Aniline Either/OR	636-30-6					
2		108-45-2/ 95-54-5/ 106-50-3	36000	0	36000	intermediate s, Basic pharma intermediate s, Pigments,	<b>Complied.</b> Please refer production details as mentioned in EC File No. SEIAA/GUJ/EC/5(f)/147 0/2022.
3	Para Amino Phenol/ Meta Amino Phenol Either/OR	123-30-8/ 591-27-5				Polymer	The production quantity is well within the permitted capacity.
4	Crude of All above Group II. B (Sr. No.1-3 Hydrogenation products		0	36000			
III	Nitration Products nd Its	Derivative	s: 24000 MT/Y	/ear (expec	t 4NPI-12	000 MT/Year)	
1	3,4 Di Chloro Nitro Benzene/ 2,5 Di Chloro Nitro Benzene/ 2,3 Di Chloro Nitro Benzene Either/OR	99-54-7/ 89-61-2/ 3209-22- 1	24000	0	24000	pharma intermediate	Presently the unit is having Partial CC&A. Unit is yet to apply for CC&A Amendment for these products.

2	2,4,5 Tri Chloro Nitro Benzene/ 2,3,4 Tri Chloro Nitro Benzene Either/OR						
3	Crude of All above Group III. (1-2 Nitration products)		0	24000			
4	4-Nitro N-methyl Phthalimide (4NPl) Either/OR	41663-84 -7	24000	-12000	12000		
5	Crude of 4-Nitro N- methyl Phthalimide (4NPI)		0	12000	12000		
IV	Nitro Anisoles Products a	nd Its Deri	vatives: 14400	) MT/Year			
1	Ortho Nitro Anisole Either/OR	91-23-6	14400	0		Dyes, Dye	
2	Para Nitro Anisole Either/OR	100-17-4	14400	Ŭ	14400		Presently the unit is having Partial CC&A. Unit is yet to apply for
3	Crude of All above Group IV. (1-2 Nitro Anisol products)		0	14400		intermediate	CC&A Amendment for these products
v	De-Nitro Chlorination Pro	ducts and	Its Derivative	s: 14400 M	T/Year		
1	2,6 Di Chloro fluoro Benzene Either/OR	2268-05- 05					
2	2,6 Di Chloro Benzo nitrile Either/OR	1194-65-6	14400				
3	Meta Di chloro Benzene Either/OR	541-73-1				Dyes, Dye	
4	2,4 Di fluoro Chloro Benzene Either/OR	1435-44- 5		0		s, Basic	<b>Complied.</b> Please refer production details as mentioned
5	2,4 Di chloro Fluoro Benzene Either/OR	1435-48- 9			14400	pharma intermediate s, Pigments,	in EC File No. SEIAA/GUJ/EC/5(f)/147
6	1.3 Dichloro 4,6 Difluorc Benzene/ 1,5 Dichloro 2,4 Difluoro Benzene Either/OR	2253-30- 7				S, Fightenis, Polymer	0/2022. The production quantity is well within the permitted capacity.
7	Crude of All above Group V (Sr. No. 1-6 De Nitro Chlorination products)		0	14400			

VI	DAPBI 2. (4-amino phenyl) - 1 H- benzo (d) imidazol - 5- amine	7621-86-5	0	756	756	Polymer	
VII	Concentrated Nitric Acid from Dilute Nitric Acid (CNA from DNA)	17697-37-	0	108000	108000	Various applications in chemical industries.	
	Total		3000 NM3/Hr + 250800 MT/Annum	242256 MT/Ann um	3000 Nm3/Hr + 492756 MT/An num		
	By-Products						
1	Steam (By product)		136.56 KL/Day	0	136.56 KL/Day		Complied. Please refer production details as mentioned in EC File No. SEIAA/GUJ/EC/5(f)/147 0/2022. The By-product generation is well within the permitted capacity.

A	CONDITIONS		
A.1	SPECIFIC CONDITION	Status	
1	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	<b>Complied.</b> The unit has installed and connected required OCEMS to CPCB and GPCB for continuous monitoring of effluent discharge. Please refer to the compliance of condition no. 6 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022	

2	All measures shall be taken to prevent soil and groundwater contamination.	<b>Complied</b> . Please refer to the compliance of condition no. 10 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
3	The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16 th November, 2009 shall be complied with.	
4	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. (E) dated 21/07/2010 and amended from time to time shall be followed.	<b>Complied</b> . The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37. Please refer to the compliance of condition no. 8 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
5	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 and consistency with the same.	<b>Complied.</b> Unit is complying with the area specific policies of GPCB with respect to the discharge of pollutants.
6	The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.	<b>Complied</b> Unit is adhering to stipulations of Gujarat Pollution Control Board.

	The PP shall develop green belt within premises (26,257 Sq	Complied.
	m (14.39 percentage) within premises + 34,153 Sq. m	
	(18.71percentage) at plot having survey No: 122 GIDC	The unit has developed Green Belt as per CPCB
	Jhagadia equal Total 60,410 i.6. 33.10 percentage of the total	guidelines within as well as outside the premises
7	plot area) as committed before SEAC. Green belt shall be	and will be continuing necessary activities to
	developed with native plant species that are significant and	continue raising the green belt area.
	used for the pollution abatement as per the CPCB guidelines.	Please refer to the compliance of condition no. 109
	It shall be implemented within 3 years of operation phase in	of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022,
	consultation with GPCB.	Date of Issue: 30/05/2022.

8	Safety and Health			
a	PP shall obteïn PESO permission for the storage and handling of hazardous chemicals.	Complied. Dedicated storage facility of flammab chemicals provided at safer distance from production area as per PESO approval. Please refer to the compliance of condition no 12(a) of A.1 of EC File No SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issu 30/05/2022.		
b	PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.	<b>Complied.</b> Unit has provided an Occupational Health center within the site as per the provision under the Gujarat Factories Rule 68-U and the same is being operated under the supervision of a qualified Factory Medical Officer (FMO) and nurses. Please refer to the compliance of condition no. 12(b) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.		
c	PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.	Please refer to the compliance of condition no.		
d	Unit shall adopt functional operational process automation system including emergency response to eliminate risk associated with the hazardous processes.	<b>Complied.</b> Unit has adopted an operational process automation system like DCS for operation, monitoring and control. Other auxiliary systems are also controlled through PLC and SCADA (wherever required). Additionally, process safety devices like PSVs (Pressure safety valves), safety interlocks, emergency on/off buttons, LEL		

		detectors, automatic sprinkler systems etc are integral part of automation systems for early detection of emergency and eliminating the risk.
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> Unit regularly conducts mock drills within the premises. Please refer to the compliance of condition no. 12(e) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
f	PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.	_
a	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> All materials are stored as per approved compatibility matrix. Moreover, dedicated storage facility of flammable chemicals and hazardous chemicals provided at safer distance from production area as per PESO approval.
h	PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labor within premises	<b>Complied.</b> All measures are being taken to avoid any accidents. Mandatory use of appropriate PPEs like Safety shoes, Safety goggles, Helmet, gloves, cartridge mask, ear plug/muff etc. is ensured so that no harm is caused to any worker/employee.
i	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	<b>Complied.</b> Necessary flameproof fittings are provided in production plants as per the hazardous area classification. Please refer to the compliance of condition no. 12(i) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
j	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	<b>Complied.</b> All materials are stored as per approved compatibility matrix.

k	Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.	<b>Complied</b> . Storage of flammable and hazardous chemical is away from the production area.		
1	Unit shall provide safety valve and rupture disc to the Hydrogenation vessel.	<b>Complied</b> . Unit has provided safety valve and rupture disc in all Hydrogenation vessel.		
m	Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.	<b>Complied.</b> Unit has provided FRP hood with scrubber system and emergency kit for controlling chlorine leakage and handling any emergency. Presently chlorine is supplied through pipelines.		
n	Unit shall provide safety valve and rapture disc, as well as auto dump or auto quench/ suppress system for nitration vessel safety.	las well as auto dump or auto duench/ suppress l		

A.2	WATER	
9	Total water requirement for the project shall not exceed 7439.28 KLD. Unit shall reuse 2108.28 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 5331 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.	<b>Complied.</b> The stated condition has been amended. Water Consumption is consumed by the unit in accordance with the compliance of condition no. 13 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
10	The industrial effluent generation from the project shall not exceed 2260 KLD.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 15 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

11	Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) Low COD and TDS effluent and	it shall be managed as below.
^	High COD and TDS effluent (1244 KLD):	
	1073 KLD, High COD and TDS effluent from process, washing, scrubber and reaction and 171 KLD, industrial effluent from M/s Aarti Industries Ltd (Unit-III) shall be treated in ETP consists of primary treatment units. Out of 1243 KLD treated effluent, 540 KLD shall be discharge in NCTL, pipeline and 703 KLD shall be further treated within premises	The stated condition has been amended. Pleaserefer to the compliance of condition no. 16 and 17ofA.2A.2ofECFileNo.
>	Low COD and TDS effluent (1719 KLD):	
	703 KLD, treated effluent, 956 KLD, Low COD effluent from utilities and 60 KLD, Industrial effluent from M/s Aarti Industries (Unit-III) shall be treated in RO. 1375 KLD, RO permeate shall be reused within premises and 344 KLD, RO reject shall be treated in MEE. 318 KLD, MEE condensate shall be reused within premises.	The stated condition has been amended. Pleaserefer to the compliance of condition no. 16 and 17ofA.2A.2ofECFileNo.
12	Treated waste water shall be sent to M/s NCTL, pipeline only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human Health and Environment.	The treated effluent is meeting the discharge
13	Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.	The stated condition has been amended. Please refer to the compliance of condition no. 18 of A 2
14	Domestic wastewater generation shall not exceed 150 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off through soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB or reused in process and cooling water.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 19 of A.2 of EC File No. SEIAA/GILI/EC/5(f)/1470/2022. Date

15	During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be reused within process and cooling tower. There shall be no discharge of waste water outside the premises in any case.	Complied
16	The unit shall provide metering facility at the inlet and outlet of ETP, RO, MEE and STP and maintain records for the same.	<b>Complied</b> . Please refer to the compliance of condition no. 21 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
17	Proper logbooks of ETP, RO, MEE and STP, recycle/ reuse of treated/ untreated effluent, chemical consumption in effluent treatment, quantity and quality of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	quantity and quality of treated effluent, power

A.3	AIR																					
18	Unit shall not exc	ceed fuel c	consum	ption for b	oilers, T	FHs, HAGs a	and oxidizers and D G Set as mentioned below:															
Sr. No:		5	Type of Fuel	Quantit y of Fuel (MT/ Day)	emissi on i.e. Air	Air Pollution Control Measures (APCM)																
1	DG Set 650 KVA (2 Nos.) - Existing	11	HSD	Particu late 7086 matter Lit/Hr. SO2 NOx 1		Acoustic Enclosure	<b>Complied.</b> The stated condition has been amended. Please															
2	DG Set 1010 KVA (7 Nos.) (4 Existing + 3 Proposed)	11	HSD		late ] 7086 matter Lit/Hr. SO2 - NOx ,	late J 7086 matter Lit/Hr. SO2 - NOx J	late matter	Acoustic Enclosure	refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.													
3	DG Set 2500 KVA (4 Nos. Proposed)	11	HSD				NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx	NOx
4	DG Set 750 KVA (3 Nos. Existing)	11	HSD			Acoustic Enclosure																

	DG Set 1500 KVA					Acoustic	
5	(2 Nos. Proposed)	11	HSD			Enclosure	
6	Boiler 30 TPH (2 Nos. Existing)	52 m each	Coal	7.5 MT/Hr. For each Boiler		Lime addition along with coal +ESP	
7	Boiler 150 TPH (1 Nos. Proposed)	83	Coal	37.5 MT/Hr.		Lime addition along with coal +ESP	
8	Thermic Fluid Heater (Thermopack) 4 Lakh Kcal/Hr (1 NoProposed)	20 (For Coal) and 15 (For Natural Gas)	Coal/N G	0.2 MT/Hr/ 6 Nm3/H r	Particu late matter SO2 NOx	Dust Collector, Cyclone Separator (For Coal)	
9	Thermic Fluid Heater (Thermopack) 40 Lakh Kcal/Hr (2 Nos Proposed	34 m each	Coal	1.95 MT/Hr for Each		Bag Filter	
10	Hot Air Generator (For Calcium Chloride Dryer) - (1 No. Proposed)		Coal	8 MT/Hr.		Cyclone Separator, Bag filter and Water Scrubber	
11	Vent gas oxidizer - g1 No. - Proposed)		Natur al gas	41 Nm3/H r.			
	1						
19	Unit shall provid sources as mentic	_		generation	<b>Complied</b> . Unit has provided adequate APCMs in the existing flue gas generation sources and is achieving the norms as per standards mentioned in CC&A.		
20	Unit shall provid sources as mentic	-		with pro	generation		

Sr. No:	Specific Source of emission (Name of the product and process)	Type of emissi on	Stack/ Vent Height (m)	Air Pollution Control Measures (APCM)	
1	Reformer-Existing	со	26	-	
2	CaCO <sub>3</sub> Reactor-Existing	HCl	23	Alkali Scrubber	
3	CaCl <sub>2</sub> Dryer vent–Existing	Partic ulate Matter	20	Cyclone separators and Wet Scrubber	
4	Chlorinator Reactor vent— Existing	HCl Chlori ne	15	Falling film absorber followed by Alkali Scrubber	
5	Nitration Vessels—Existing NOx	NOx	15	Acidic Scrubber	
6	CLB- Cl2 scrubber-Proposed	C12	15	Single Stage, 10 % NaOH	<b>Complied</b> . The stated condition has been amended. Ple
7	CLB - PDCB Scrubbers-Proposed	voc	15	Single Stage, ODCB	refer to the compliance of condition no. 25 of of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, E
8	CLB - HCL Scrubber-Proposed	HCl	15	HCI absorber followed by caustic scrubber	existing process gas generation sources and
9	CLB - HCL Scrubber-Proposed	HCl	15	HCI absorber followed by caustic scrubber	achieving the norms as per standards mention in CC&A.
10	TCB - HCL Scrubber-Proposed	HCl	15	HCI absorber followed by caustic scrubber	
11	TCB - Cl2 Scrubber-Proposed	C12	15	Single Stage, 10percentage NaOH	
12	TCB - ODCB Scrubber-Proposed	VOC	15	Single Stage, ODCB	
13	DCPNA - HCL Scrubber-Proposed	HCl	15	HCI absorber followed by caustic scrubber	
14	DCPNA - Cl2 Scrubber-Proposed	C12	15	Single Stage, 10percentage NaOH	

15	DAPBI Process	HCl	15	Water Scrubber followed by Alkali Scrubber		
16	DAPBI Process	NH3	15	Acidic Scrubber		
17	ETP Scrubber	NH3	15	Acidic Scrubber		
21	The fugitive emission in t monitored. The emission prescribed by the concerne Directors of Industrial Safe guidelines shall also be emission.	shall ed autho ety and	conform orities fro Health). F	SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue:		
	<ol> <li>Internal roads shall paved properly to re vehicular movement.</li> </ol>	educe tl	he fugitiv			
	2. Air borne dust shall b suitable locations in t					
	3. A green belt shall boundary and also alo transport dust emission	ong the i				
22	Regular monitoring of V shall be carried out in the v		-	<b>Complied.</b> The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37. Please refer to the compliance of condition no. 27 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.		
23	Regular monitoring of gr PM2.5, SO2, NOx, CO, HCI, out in the impact zone at Ambient air quality level stipulated by the GPCB. If a exceed the prescribed li measures shall be taken stations and frequency of consultation with the GPCE	Cl2, NH nd its r ls shall at any s mits, n immeo of moni	(3 and VC records sl not exc tage these ecessary diately. T	(NAAQS) covering all the parameters at upwind and downwind location (at 3 specific locations) by a MoEFandCC approved and NABL Accredited laboratory. All results are well within the prescribed limits.		

A.4	SOLID / HAZARDOUS WASTE
24	All the hazardous/ solid waste management shall be taken care as mentioned below:

Sr. No:	Type of hazardous Waste	Source of Generati on	Existi ng in MT/Y ear	se or decreas e) in MT/	Total After Propos ed Expan sion in MT/Y	Hazardou s Waste Category No:	Mode of Disposal	Complied. The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
	MEE/evaporatio n Salt MEE salt	ETP Plant	50	9440	9490	35.3	Collection, storage, transportatio n and disposal at approved TSDF site	
1	ETP Waste ETP Waste	ETP Waste from Unit-III	2880 0	6927 3103	12910			
	Silica	CaCl2 Process	10840	8672	19512		15DI SILE	
2	Used oil	Utility	18.4	21.6	40	5.1	Collection, Storage, Transportatio n, and Disposal by selling to registered re-processors	
3	Empty Barrels and Empty HDPE bags		33	167	200	33.1	Collection, storage, transportatio n; decontaminat ion and Disposal to Recycler/ TSDF/ sending back to raw material supplier.	
	Discarded Containers/Bags		15	85	100		Collection,sto rage,transpor	

							tation,decont amination and Disposal to Recycler/TSD F/co-processi ng sending back to raw material supplier.	
4	Distillation residue and waste	Process	1404	0	1404	26.1	Collection, storage,trans portation and disposal to incineration at TSDF site/Co-proce ssing.	
5	Process residue	Process	1613	10867	12480			
6	Spent Catalyst	Hydroge nation process	235	209	444	26.5	Collection, storage,trans portation and disposal to registered re-generators / TSDF site.	
/	Hydrochloric acid (HCL)	Scrubbe r	145272	60348	205620		Collection, storage,trans portation and reused in manufacturin	

							g of CaCl2. OR sold to authorized	
							actual end users having Rule 9 permission.	
8	Spent Sulphuric acid (H2SO4)	Process	9300	11556	20856		Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission.	
	Sodium Hydrochlorite (NaOCl)	Process	0	45084	45084	Schedule-	Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission.	
10	Sodium Chloride (NaCl)	Process	24828	19332	44160	B15 of Schedule- II	Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission/ TSDF site for landfill	
11	Ortho Nitro Phenol (ONP) Para Nitro Phenol (PNP)	Process	492	0	492	-	Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission.	

12	Nitrosyl/ Sulphuric Acid (NSA)	Process	0	17652	17652	B15 of Schedule- II	Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission.	
13	Calcium Chloride Solution as brine	Process	0	120000	120000	Class C2 of Schedule- II	Collection, storage,trans portation and sold to authorized actual end users having Rule 9 permission.	
14	Spent Carbon	Process and ETP	0	1020	1020	36.2	Collection, storage,trans portation and sent for Co-processin g/ incineration.	
15	Off-specification product	Process	0	25	25	26.1	Collection, storage,trans portation and disposal to Co-processin g/ incineration.	
16	PPE's Waste, non-recyclable plastic waste	Operatio	0	200	200	33.1	Collection, storage,trans portation and disposal to Land filling.	
17	Contaminated Cotton Waste, Paper Waste, Contaminated Woods	Operatio n Waste	0	150	150	26.1	Collection, storage,trans portation and disposal to incineration /Co-processin g.	

18	Stripper TOP containing organic content	Stripper	0	1095	1095	26.1	Collection, storage,trans portation and disposal to incineration /Co-processin g.
19	Spent solvent	Process	0	35	35	26.1	Collection, storage,trans portation and disposal to incineration /Co-processin g or Approved Recycler.
20	Recycle Solvents	Process	0	212368	212368	-	Collection,sto rage and utilize internal recovery in same process.
25	Authorized end-users shall have permissions from th concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement Rules 2016.			ardous and	Please refer to the compliance of condition no.		
26	Unit shall explore the possibilities for environment friendl methods like co-processing of hazardous waste for disposal o Incinerable and land fillable wastes before sending to CHWI and TSDF sites respectively.			disposal of	f Unit is already following the co-processing of		
27	The unit shall hazardous waste two months in production. In th the unit shall rest	s along w advance e absence	vith Mo e prior e of pote	U signed to the ential buy	with the commen yers of ti	em at least cement of hese items,	Please refer to the compliance of condition no. f 31 of A.4 of EC File No.

A.5	OTHER	
28	The project proponent shall allocate the separate fund of 2.5 Crore as committed before SEAC. The entire activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEFandCC's no. F. No. 2265/2017-IA.III dated 30.09.2020. This shall be monitored and the monitoring report	The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas.

	shall be submitted to the regional office of MoEFandCC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.	148 of B.2.7 of EC File No.
29	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by.M/s Jyoti Om Chemical Research Centre 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.	All the recommendations / commitments made in the EIA report are being implemented.

в	GENERAL CONDITIONS	
B.1	CONSTRUCTION PHASE	
30	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<b>Complied.</b> Unit has adopted best construction practices to safeguard the water consumption and reduce the demand.
31	Project proponent shall ensure that 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.	All construction materials are transported
32	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	

		decontaminate personal protective equipment (PPE).
33	First Aid Box shall be made readily available in adequate quantity at all the times.	<b>Complied.</b> First Aid Boxes are available at prominent locations in adequate quantity.
34	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	<b>Complied.</b> The unit is strictly complying with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments.
35	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> Monthly Ambient Noise monitoring is being conducted by a MoEFFandCC recognized and NABL accredited laboratory. Please refer to the compliance of condition no. 41 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
36	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> . All the DG are provided with Acoustic Enclosures. Monthly Noise monitoring is being conducted by a MoEFFandCC recognized and NABL accredited laboratory. Please refer to the compliance of condition no. 42 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
37	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	<b>Complied.</b> Unit is sending all the generated domestic effluent to a dedicated sewage treatment plant located in the unit for proper treatment and solid waste is being properly collected, segregated and disposed of on regular frequency.
38	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	<b>Complied.</b> All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
39	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	Complied.

	taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.	All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
40	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> Unit is using fly ash bricks, fly ash paver blocks for the construction purpose.
41	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notiflčation under the E.P. Act, 1986 and its subsequent amendments from time to time.	<b>Complied.</b> Unit is sending 100 percentage of fly ash generated from the plant to brick manufacturers. Please refer to the compliance of condition no. 47 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
42	"Wind - breaker 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>Complied.</b> Temporary wind shielding along with barricades of adequate height had been provided along the periphery of the project site.
43	"No uncovered vehicles carrying construction material and waste shall be permitted."	<b>Complied.</b> All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
44	"No loose soil or sand or construction and demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."	<b>Complied.</b> All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
45	Roads leading to or at construction site must be paved and blacktopped (i.e metallic roads).	Complied
46	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	<b>Complied.</b> No excavation of soil is being carried out without adequate dust mitigation measures in place. Utmost measures are being adopted to prevent dust at our construction sites before carrying out any excavation activity.
47	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	Complied.

48	Grinding and cutting of building materials in open area shall be prohibited.	Complied.
49	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Complied.
50	Construction and demolition waste processing and disposal site shali be identified and required dust mitigation measures be notified at the site. (If applicable).	complicu.

B.2	OPERATION PHASE	
B.2.1	WATER	
51	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<b>Complied</b> . Unit receives water from the GIDC water supply. Water meters are installed and records are maintained.
52	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> The is continuously strives to reduce,recycle and reuse the treated effluent.
B.2.2	AIR	
53	In case of use of spray dryer, the unit shall provide the adequate and efficient APCMs with the spray dryer so that there should not be any adverse impact on human health and environment. Unit shall carry out third party monitoring of the proposed Spray dryer and it's APCM through the credible institutes and study report for impacts on Environment andHuman Health shall be submitted to GPCB every year along with half yearly compliance report.	<b>Not Applicable</b> as the unit has not installed spray dryer. The Unit has installed adequate and efficient air pollution control systems at other process vent and utility stack outlets to achieve the norms prescribed in valid CC&A.
54	Acoustic enclosure shall be provided to the D.G. sets(If applicable) ti mitigate the noise pollution and conform to the EPA Rules for air and noise emission standards.	<b>Complied.</b> The unit has provided acoustic enclosure to all the DG Set to mitigate the noise pollution.
55	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> The Unit has installed adequate and efficient air pollution control systems at other process vent and utility stack outlets to achieve the norms prescribed in valid CC&A.

56	Flue gas emission and Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEFandcc. At no time, emission level should go beyond the stipulated standards.	<b>Complied.</b> Unit is following the norms for flue gas and process gas emission as per valid CC&A. The unit is carrying out stack analysis by a MoEFandCC recognised and NABL accredited laboratory. All results are well within the prescribed limits.
57	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	Complied. Closed handling and charging systems are provided for chemicals. Unit is monitoring the fugitive emission in the work zone as per the prescribed standards. Please refer to the compliance of condition no. 27 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.3	HAZARDOUS/SOLID WASTE	
58	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.	<b>Complied.</b> Unit is strictly complying with the regulatory norms and maintaining the records with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time.
59	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<b>Complied.</b> All the hazardous waste is stored in the designated storage area with a pucca bottom and proper leachate collection facility.
60	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	<b>Complied.</b> Unit has taken necessary permission from the nearby TSDF site and CHWIF.
61	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.	<b>Complied.</b> Unit is following the Motor Vehicle Act, 1988 and rules for the vehicles transporting hazardous waste. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with Active GPS system.
62	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	Complied.

63	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<b>Complied</b> . Unit is already following the co-processing of hazardous waste as a mode of disposal wherever possible.
64	Management of fly ash (lf any) shall be as per the Fly ash Notification 2009 and its amendment time to time and it shall be ensured that there is 100 percentage utilization of fly ash to be generated from the unit.	<b>Complied.</b> 100percentage Fly ash is utilized by the authorized Brick manufacturer after having proper MoU with them. Please refer to the compliance of condition no. 47 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.4	SAFETY	
65	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<b>Complied</b> . Unit has obtained valid Factories License.
66	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 company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.
67	Main entry and exit shall be separate and clearly marked in the facility.	<b>Complied</b> . Main entry and exit of plant premises are separate.
68	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	complicu.
69	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b> . Storage of flammable and hazardous chemicals is away from the production area.
70	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b>Complied</b> . Fire extinguishers are provided near the plant and storage area for the emergency situation.
71	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	<b>Complied</b> . All measures are being taken to avoid any accidents. Mandatory use of appropriate PPEs is being done to ensure that no harm is caused

		to any worker/employee while handling toxic / hazardous chemicals.
72	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.	<b>Complied</b> . All the toxic/hazardous chemicals are stored in optimum quantity and all necessary permissions in this regard are obtained before commencing the expansion activities. Maintaining the storage concept.
73	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied.</b> Unit strictly complies with all the mitigation measures and safeguards that are suggested in the Risk Assessment report.
74	Only flame proof electrical fittings shall be provided in the plant premises.	<b>Complied</b> . Only flameproof electrical fittings are provided in the plant premises. Unit has carried out Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai. Please refer to the compliance of condition no. 12 (j) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
75	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	<b>Complied</b> . Maintaining the storage concept. Unit is not handling small containers like drums/carboys. Most of our raw materials are handled through ISO tankers/containers.
76	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<ul> <li>Complied.</li> <li>Dyke walls have been provided for all storage tanks.</li> <li>Closed loops systems to transfer the materials to avoid leakage/ spillage.</li> <li>Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.</li> <li>Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.</li> <li>Close monitoring through the DCS panel.</li> <li>Maximum allowable storage level is 80 percentage of total capacity.</li> </ul>

		• Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.
77	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<b>Complied</b> . Unit strictly follows all the standards for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.
78	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<b>Complied</b> Yes Unit has tie up with nearby health care units. (Jayaben Modi Hospital, 32 Kms) Please refer to the compliance of condition no. 93 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
79	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<b>Complied</b> . Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
80	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b>Complied</b> First Aid Box and required Antidotes for the chemicals used in the unit are made readily available in adequate quantity.
81	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<b>Complied</b> . Regular training is conducted to all the workers on safety and health aspects of Chemical handling. Please refer to the compliance of condition no. 97 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
82	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 and Rules.	<b>Complied</b> . OHC is maintaining all the records and Pre-employment and periodical medical examinations for all the workers are done as per the Factories Act and Rules. Please refer to the compliance of condition no. 98 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

83	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	<b>Complied</b> . Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act.		
84	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<b>Complied</b> . Unit has implemented all the mitigation and recommendations mentioned in the EIA report.		
85	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project	<b>Complied</b> . Necessary permission has been taken from PESO. Factory Licence has been obtained from Factory Inspectorate (DISH), Govt. of Gujarat.		
B.2.5	NOISE			
86	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 and amended Rules.	being conducted by a MoEFFandCC recognized		
B.2.6	CLEANER PRODUCTION AND WASTE MINIMISATION			
87	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.	Complied		

88	The company shall undertake various waste minimization measures such as : a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h Recycling of steam condensate. i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	Unit is undertaking all the measures for waste minimization. Please refer to the compliance of condition no. 108 of B.2.6 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.7	GREEN BELT AND OTHER PLANTATION	
89	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.	l'I'he linit has develoned Green Belt as ner ('P('BI
90	Drip irrigation / Iow-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Complied.
B.3	OTHER CONDITIONS	
91	Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEFand CC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).	
92	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The	The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Please refer to the compliance of condition no. 148 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue:

	monitoring report shall be posted on the website of the project proponent.	
93	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	<b>Complied</b> . Unit assures to provide rain water harvesting at all possible locations and shall reuse the water after pre-treatment.
94	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	<b>Complied</b> . Unit will join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.
95	Application of solar energy shall be incorporated for illumination of cómmon areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	<b>Complied</b> . Unit ensures to use solar energy.
96	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	<b>Complied</b> . Dedicated green belt area is embarked for plantation.
97	AII 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>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
98	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>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
99	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>Complied</b> . Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.
100	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 and Complied</b> Unit is strictly complying with all the conditions stipulated in valid CCA.

101	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<b>Complied</b> . Unit has provided a garland drain to avoid spillage mixing with stormwater.
102	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 is provided in the areas of chemical handling to prohibit soil contamination.
103	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	<b>Complied</b> . Unit is using only mechanical seal pumps in order to avoid the leakages.
104	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted.
105	The above conditions will be enforced; inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act,1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability insurance Act, 1991 along with their amendments and rules.	<b>Complied</b> . Unit assures to comply with all the requirements as per the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
106	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014 and Its amendments from time to time in a letter and spirit.	<b>Complied</b> . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Please refer to the compliance of condition no. 148 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
107	The project managernent shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	<b>Complied</b> . Unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report.
108	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied

109	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	15 <sup>th</sup> Jaby 2021 All./[H/2021/ENV/65 GPCB ID : 35534
110	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	Complied. Unit is submitting the six monthly compliance report on a timely basis.
111	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.	Hoteu.
112	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied and noted</b> Unit is strictly complying with all the conditions stipulated in valid CC&A.

113	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	
114	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.	-
115	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.	loan from any bank. The project was self
116	This environmental clearance is valid for seven years from the date of issue.	Noted.
117	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
118	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	Unit assures that no False/Fabricated data has

## **Environment Compliance Report of**

EC File No. SEIAA/GUJ/EC/5(f)/1412/2019

Dated 04/11/2019

## Environment Clearance Compliance report for period October 24 to March 25

## File No.: SEIAA/GUJ/EC/5(f)/1412/2019 dated 04/11/2019

			• •			1	
	Sr. No.	Name of Products	CAS No.	Quantity MT/Mont	in Quantity h MT/Year	in End Use	Complied.
		Nitration					The stated condition has
	1.	2,4/2,3/2,5/3,4 Di Chloro Nitro Benzene Either/Or	611-06-3/ 3209-22-1/ 89-61-2/ 99-54-7	7000	84000	Used in Dyes and Dyes Intermediate	<b>amended.</b> Please refer production deta
	2.	2,3,4/2,3,5 Tri Chloro Nitro Benzene Either/Or	17700-09-3/			Used in Dyes and Dyes Intermediate	mentioned in EC File
	3.	2,4,5/2,3,6 Tri Chloro Nitro Benzene Either/Or	89-69-0/			Used in Dyes and Dyes Intermediate	SEIAA/GUJ/EC/5(f)/1470/20 The production quantity is
		Chlorinati	on				
	4.	1,2,4 Tri Chloro Benzene Either/Or	120-82-1	2000	24000	Used in Dyes and Dyes Intermediate	within the permitted capaci
	5.	1,2,3 Tri Chloro Benzene Either/Or	87-61-6			Used in Dyes and Dyes Intermediate	
	6.	Para Chloro Toluene (PCT) Either/Or	106-43-4			Used in Dyes, Pharma, Perfumes	
	7.	Ortho Chloro Toluene (OCT) Either/Or	95-49-8			Used in Dyes, Pharma, Perfumes	
	8.	2 Chloro 4 Nitro Toluene Either/Or	121-86-8			Used in Dyes and Dyes Intermediate	
	9.	6 Chloro 2 Nitro Toluene Either/Or	83-42-1			Used in Dyes and Dyes Intermediate	
	10	.4 Chloro 2 Nitro Toluene Either/Or	89-59-8			Used in Dyes and Dyes Intermediate	
mpact	Physica	I Separations					
	Sec. 11	Ortho Di chloro Benzene (only Physica		900	10800	Used in Dyes and Dyes Intermediate	
EIAI	151	Separation) 2 Para Di chloro Benzene (only Physica Separation)		1000	12000	Used in Dyes and Dyes Intermediate	
Y	- THE AS	Meta Di chloro Benzene (only Physica Separation)	1541-73-1	200	2400	Used in Dyes and Dyes Intermediate	
Г		Total		11100	133200	]	
ſ		Inorganic Products		1			
	14.	Hydrogen	1333-74-0	3000 Nm <sup>3</sup> /Hr.	-	Used in chemical reaction and process	

Α	CONDITIONS			
A.1	SPECIFIC CONDITION	Status		
1	Unit shall provide adequate treatment to industrial effluent in such a way that no pollutant get air borne during evanoration in order to prevent adverse impact on Human	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 18 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.		
2	Unit shall obtained prior permission from PESO for storage and handling of hazardous chemical.	<b>Complied</b> . Dedicated storage facility of flammable chemicals provided at safer distance from production area as per PESO approval. Please refer to the compliance of condition no. 12(a) of A.1 of EC File No.		

		SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
3	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	<b>Complied.</b> Necessary flameproof fittings are provided in production plants as per the hazardous area classification. Please refer to the compliance of condition no. 12(i) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
4	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.	<b>Complied</b> . Unit is adhering to internal guidelines for LDAR prepared based on the MoEF notification G.S.R.186 (E): Fugitive emission. Unit is carrying out quarterly LDAR monitoring. Please refer to the compliance of condition no. 5 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
5	Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable and land fillable wastes before sending to CHWIF/TSDF sites respectively.	<b>Complied</b> . Unit is already following the co-processing of hazardous waste as the most preferred mode of disposal wherever possible.
6	All measures shall be taken to prevent soil and ground water contamination	<b>Complied</b> . Please refer to the compliance of condition no. 10 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
7	The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.	<b>Complied</b> Unit is adhering to stipulations of Gujarat Pollution Control Board.
8	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.	· - /
9	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<b>Complied</b> . The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37. Please refer to the compliance of condition no. 8 of A.1 of EC File No.

		SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
10	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 and consistence with the same.	<b>Complied.</b> Unit is complying with the area specific policies of GPCB with respect to the discharge of pollutants.
A.2	Water	
11	Total water requirement for the project shall not exceed 811 KLD. Unit shall reuse 151 KLD Hence, fresh water requirement shall not exceed 660 KLD and it shall be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.	The stated condition has been amended. Water Consumption is consumed by the unit in accordance with the compliance of condition no. 13
12	No ground water shall be tapped for the project requirements.	<b>Complied.</b> No groundwater is being tapped for utilization. The unit is only using water from GIDC.
13	The industrial effluent generation from the project shall not exceed 231 KLD.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 15 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
14	The industrial effluent shall be segregated and treated as follows : Stream 1: High COD effluent (91 KLD from process) shall be treated in Fenton treatment followed by neutralization further treated effluent shall be fed into the MEE, Condensate from MEE shall be subjected to Soil Bio Technology (SBT) and treated effluent from SBT treatment shall be stored in treated water storage tank, while MEE Concentrate shall be treated in ATFD. Stream 2: Utility effluent (50 KLD from cooling and 10 KLD from washing) shall be subjected to equalization, neutralization and filtration followed by Soil Bio Technology (SBT) and treated effluent from SBT treatment shall be stored in treated water storage tank. Stream 3: 30 percentage HCL (80 KLD) from process shall be neutralized if not sold under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016. Neutralized effluent after filtration shall be stored in a treated water storage tank.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 16 and 17 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
15	Treated effluent from treated water storage tank of all the above mentioned stream 1,2 and 3 shall be further treated	_

	in Sand Filter and Carbon Filter and finally discharged into NCTL pipeline of Jhagadia GIDC after achieving the norms of CPCB/GPCB/MoEFandCC.	-
16	Domestic sewage generation shall not exceed 28 KLD and it shall be treated in in-house STP and treated sewage shall be utilized in gardening (except monsoon) else in cooling tower (In monsoon).	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 19 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
17	The unit shall provide metering facility at the inlet and outlets of the Fenton Treatment, MEE, SBT and STP and maintain records for the same.	<b>Complied</b> . Please refer to the compliance of condition no. 21 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
18	Proper logbooks of Fenton Treatment, MEE, SBT and STP, quantity and quality of effluent feed to Fenton Treatment, MEE, SBT and STP, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	chemical consumption in effluent treatment, quantity and quality of treated effluent, power
A.3	Air	
19	Unit shall not exceed fuel consumption for DG Sets (Stand by) as mentioned below: Sr.         Source of emission         Stack         Type of Fuel         Quantity of Fuel         Type of emissions i.e.         Air Pollution Control Measures (APCM)           1         D.G. Set (Standby) (2 Nos.) Capacity= 1500 KVA (Each)         30         Diesel         660 Liter/Hr.         PM NOx         Adequate stack height + Acoustic Enclosure	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
20	Unit shall provide adequate APCM with flue gas generation sources as mentioned above:	<b>Complied</b> . Unit has provided adequate APCMs in the existing flue gas generation sources and is achieving the norms as per standards mentioned in CC&A.
21	Unit       shall       provide       adequate       APCM       with       process       gas         generation sources as mentioned below:       Sr.       Specific Source of emission       Type of emission       Air Pollution Control Measures (APCM)         No.       Process)       11       Two stage Alkali       Scrubber connected to NOx:       11       Two stage Alkali         2.       Scrubber connected to Chlorination Reactors       25 Mg/Nm³       11       Water scrubber       Water scrubber         3.       PSA Absorber       VOC       26       Water scrubber	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022. Unit has provided adequate APCMs in the existing process gas generation sources and is achieving the norms as per standards mentioned in CC&A.

22	<ul> <li>The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety and Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.</li> <li>&gt; Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement</li> <li>&gt; Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.</li> <li>&gt; A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive and transport dust emission.</li> </ul>	-
23	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	<b>Complied.</b> The unit is conducting regular monitoring of Volatile Organic Compounds and records are maintained in Form No. 37. Please refer to the compliance of condition no. 27 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
24	For control of fugitive emission, VOCs, following steps shall be followed : a. Closed handling and charging system shall be provided for chemicals b. Reflux condenser shall be provided over Reactors / Vessels. c. Pumps shall be provided with mechanical seals to prevent leakages. d. Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.	<b>Complied.</b> Please refer to the compliance of condition no. 28 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
25	Regular monitoring of ground level concentration of PM10, PM2.5 SO2, NOX, HCI and VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB	per the National Ambient Air Quality Standards (NAAQS) covering all the parameters at upwind and downwind location (at 3 specific locations) by a MoEFandCC approved and NABL Accredited laboratory. All results are well within the prescribed limits.
26	All the hazardous waste management shall be taken care as mentioned below:	<b>Complied</b> . Unit is strictly complying with the regulatory norms and maintaining the records with regards to

1	All the l	idzaluous waste ma	0	n be taken oure				- ( 1 INA/	handling and disposal of Hazardous waste in
	Sr. no.	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity,		le as (N	uantity AT/ nnum)	Management		accordance with the Hazardous and Other Waste (Management and Transboundary Movement)
	1.	ETP Waste	Product et ETP A		3	3103	Collection, Transportation	Storage, n, disposal to	Rules 2016, as may be amended from time to time.
	2.	MEE Salt	MEE	35.3	11	825	TSDF. Collection,	Storage,	Please refer to the compliance of condition no. 30
				_			Transportation TSDF.	n, disposal to	of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
	3.	Distillation	Process Area	26.1	2700	Collection	n, Storage,	1	Date of issue. 30/03/2022.
		Residue				transporta Co-proces			
	4.	Discarded containers/bags	RM & FG storage area	33.1	240	Collection Decontan by solo	nination, Disposal to authorize		
	5.	Used oil	Maintenance	5.1	6				
	6.	Insulation Waste	Maintenance	-	24	Collection	rs.		
	7.	Spent Carbon	ETP Area	28.3	60	at TSDF : Collection	Site.		
	8.	Off Specification Product	Process Area	26.1	120	Collection transporta	g/Incineration. n, Storage, ation, disposal at		
	9.	Hydrochloric Acid(HCI)	Process Area	B15	23276	Rule-9 Hazardou	end users having permission under is and other waste 016 or It will be		
	10.	Dil. Sulphuric Acid (70%)	From Nitration Group	26.3	56700	Sold to Rule-9	ed and sent for to ETP. end users having permission under us and other waste	nt for having under	
	11,	Careb Linuid	NO		050 1/11	rules, 20 concentra back in sa	016 or it will be ated and reuse ame product.	neulim	
	12.	Spent Catalyst	From NO <sub>x</sub> Scrubber From products of Chlorination process.	26.5	350 Kl/ Year 54	Collection transporta	in-house ETP.	(SE)	
		1		1 - 11	1			for a set of the set	Our we have a
	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous								Please refer to the compliance of condition no. 31 of
27	and		Vastes	(Manag					A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022 Date of Issue: 30/05/2022.
		project pr	-				-		
		267.6 Lakh .ccordance		-	-		<b>Complied</b> . The Unit is doing socioeconomic		
	1						developmental/community welfare activities in		
28							surrounding areas. Please refer to the compliance		
	-						-		of condition no. 148 of B.2.7 of EC File No.
			-				-	-	SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
		ne website						se posteu	
	All			endatior		mitiga		measures,	
		ronmental osed in th	-					afeguards d by M/s	Complied.
29				-	-	-		-	All the recommendations / commitments made in
	subr	nitted by	project	propon	ent ai	nd co	mmitme	nts made	the EIA report are being implemented.
		ng present rt shall be				-	-		
	· · ·								

B.1	CONSTRUCTION PHASE	
30	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<b>Complied.</b> Unit has adopted best construction practices to safeguard the water consumption and reduce the demand.
31	Project proponent shall ensure that 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> All construction materials are transported through tarpaulin covered trucks only. Regular water sprinkling is being done to control fugitive emission of dust.
32	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<ul> <li>Complied.</li> <li>Adequate sanitary and hygienic measures has been provided at the site and will be maintained throughout the construction phase as per below:</li> <li>Clean up of jobsite after major tasks or at least daily;</li> <li>Avoiding the build-up of hazardous, flammable, or combustible materials. Keeping walkways, stairs, and work areas clear.</li> <li>Separate bathroom facilities are provided for male and female workers on a job site. Washing facilities on the site are provided for workers to wash their hands and avoid cross-contamination before eating, drinking or heading home for the day. Hence, workers can wash away harmful substances and use the washing area to service and decontaminate personal protective equipment (PPE).</li> </ul>
33	First Aid Box shall be made readily available in adequate quantity at all the times.	<b>Complied.</b> First Aid Boxes are available at prominent locations in adequate quantities.
34	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	<b>Complied.</b> The unit is strictly complying with the Building and other Construction Workers (Regulation of Employment and Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments.
35	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 the construction phase.	<b>Complied.</b> Monthly Ambient Noise monitoring is being conducted by a MoEFFandCC recognized and NABL accredited laboratory.

		Please refer to the compliance of condition no. 41 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
36	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> . All the DG are provided with Acoustic Enclosures. Monthly Noise monitoring is being conducted by a MoEFFandCC recognized and NABL accredited laboratory. Please refer to the compliance of condition no. 42 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
37	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	<b>Complied.</b> Unit is sending all the generated domestic effluent to a dedicated sewage treatment plant located in the unit for proper treatment and solid waste is being properly collected, segregated and disposed of on regular frequency.
38	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	<b>Complied.</b> All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
39	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 the construction phase shall not create adverse effect on neighbouring communities.	<b>Complied.</b> All the top soil excavated during construction work is utilized in horticulture/ landscape development within the premises.
40	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> Unit is using fly ash bricks, fly ash paver blocks for the construction purpose.
41	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notiflčation under the E.P. Act, 1986 and its subsequent amendments from time to time.	<b>Complied.</b> Unit is sending 100 percentage of fly ash generated from the plant to brick manufacturers. Please refer to the compliance of condition no. 47 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2	Operation Phase	
B.2.1	Water:	

42	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	<b>Complied</b> . Unit receives water from the GIDC water supply. Water meters are installed and records are maintained.
43	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.	Complied.
B.2.2	Air:	
44	In case of use of spray dryer, the unit shall provide the adequate and efficient APCMs with spray dryer so that there should not be any adverse impact on human health and environment. Unit shall carry out third party monitoring of the proposed Spray dryer and it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	<b>Not Applicable</b> as the unit has not installed spray dryer. Unit has installed adequate and efficient air pollution control systems at other process vent and utility stack outlets to achieve the norms prescribed in valid CC&A.
45	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 all the DG Set to mitigate the noise pollution.
46	Stack/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> The Unit has installed adequate and efficient air pollution control systems at other process vent and utility stack outlets to achieve the norms prescribed in valid CC&A.
47	Flue gas emission and Process gas emission (if any) shall conform to the standards prescribed by the GPCB/CPCB/MOEFandCC. At no time, emission level should go beyond the stipulated standards.	<b>Complied.</b> Unit is following the norms for flue gas and process gas emission as per valid CC&A. The unit is carrying out stack analysis by a MoEFandCC recognised and NABL accredited laboratory. All results are well within the prescribed limits.
48	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<b>Complied.</b> Closed handling and charging systems are provided for chemicals. Unit is monitoring the fugitive emission in the work zone as per the prescribed standards. Please refer to the compliance of condition no. 27 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

B.2.3	Hazardous Solid Waste:	
49	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.	<b>Complied.</b> Unit is strictly complying with the regulatory norms and maintaining the records with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time.
50	Hazardous wastes shall be dried, packed and stored in a separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<b>Complied.</b> All the hazardous waste is stored in the designated storage area with a pucca bottom and proper leachate collection facility.
51	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.( Whichever is applicable)	<b>Complied.</b> Unit has taken necessary permission from the nearby TSDF site and CHWIF.
52	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.	<b>Complied.</b> Unit is following the Motor Vehicle Act, 1988 and rules for the vehicles transporting hazardous waste. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with Active GPS system.
53	The design of the Trucks/tankers shall be such that there is no spillage during transportation	Complied.
54	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<b>Complied</b> . Unit is already following the co-processing of hazardous waste as a mode of disposal wherever possible.
55	Management of fly ash (if any) shall be as per the Fly ash Notification 2009 and its amendment from time to time and it shall be ensured that there is 100percentage utilization of fly ash to be generated from the unit.	<b>Complied.</b> 100percentage Fly ash is utilized by the authorized Brick manufacturer after having proper MoU with them. Please refer to the compliance of condition no. 47 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.4	Safety:	
56	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<b>Complied</b> . Unit has obtained a valid Factories License.

57	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended from 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 company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.
58	Main entry and exit shall be separate and clearly marked in the facility.	<b>Complied</b> . Main entry and exit of plant premises are separate.
59	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	Complied.
60	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b> . Storage of flammable and hazardous chemicals is away from the production area.
61	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b>Complied</b> . Fire extinguishers are provided near the plant and storage area for the emergency situation.
62	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	<b>Complied</b> . All measures are being taken to avoid any accidents. Mandatory use of appropriate PPEs is being done to ensure that no harm is caused to any worker/employee while handling toxic / hazardous chemicals.
63	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.	<b>Complied</b> . All the toxic/hazardous chemicals are stored in optimum quantity and all necessary permissions in this regard are obtained before commencing the expansion activities.Maintaining the storage concept.
64	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied.</b> Unit strictly comply with all the mitigation measures and safeguards that are suggested in the Risk Assessment report.
65	Only flameproof electrical fittings shall be provided in the plant premises.	<b>Complied</b> . Only flameproof electrical fittings are provided in the plant premises. Unit has carried out

		Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai. Please refer to the compliance of condition no. 12 (j) of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
66	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	<b>Complied</b> . Maintaining the storage concept. Unit is not handling small containers like drums/carbouys. Most of our raw materials are handled through ISO tankers/ containers.
67	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<ul> <li>Complied.</li> <li>Dyke walls have been provided for all storage tanks.</li> <li>Closed loops systems to transfer the materials to avoid leakage/ spillage.</li> <li>Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.</li> <li>Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.</li> <li>Close monitoring through the DCS panel.</li> <li>Maximum allowable storage level is 80percentage of total capacity.</li> <li>Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.</li> </ul>
68	Handling and charging of the chemicals shall be done in a closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<b>Complied</b> . Unit strictly follows all the standards for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.
69	Tie up shall be done with a nearby health care unit/ doctor for seeking immediate medical attention in the case of Emergency.	<b>Complied</b> Yes Unit has tie up with nearby health care units. (Jayaben Modi Hospital, 32 Kms) Please refer to the compliance of condition no. 93 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
70	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<b>Complied</b> . Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and

		necessary care is taken to assure strict usage of PPEs.
71	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b>Complied</b> First Aid Box and required Antidotes for the chemicals used in the unit are made readily available in adequate quantity.
72	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<b>Complied</b> . Regular training is conducted to all the workers on safety and health aspects of Chemical handling. Please refer to the compliance of condition no. 97 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
73	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 and Rules.	<b>Complied</b> . OHC is maintaining all the records and Pre-employment and periodical medical examinations for all the workers are done as per the Factories Act and Rules. Please refer to the compliance of condition no. 98 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
74	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	<b>Complied</b> . Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act.
75	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<b>Complied</b> . Unit has implemented all the mitigation and recommendations mentioned in the EIA report.
76	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	<b>Complied</b> . Necessary permission has been taken from PESO. Factory Licence has been obtained from Factory Inspectorate (DISH), Govt. of Gujarat.
B.2.5	Noise:	
77	The overall noise level in and around the plant area shall be kept well within the standards by providing noise contion measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act,1986 and Rules.	Adequate measures are being taken to keep ambient noise well within the prescribed limits. Monthly Ambient Noise monitoring is being conducted by a MoEFFandCC recognized and

		of B.2.5 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.6	CLEANER PRODUCTION AND WASTE MINIMISATION:	
78	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	
	The company shall undertake various waste minimization measures such as : a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h Recycling of steam condensate. i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	<b>Complied</b> . Unit is undertaking all the measures for waste minimization. Please refer to the compliance of condition no. 108 of B.2.6 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
B.2.7	GREEN BELT AND OTHER PLANTATION	
80	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not comment in 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.	guidelines within as well as outside the premises and will be continuing necessary activities to continue raising the green belt area. Please refer to the compliance of condition no. 109
81	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Complied.
B.3	OTHER CONDITION:	
82	Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by	Complied.

	MoEFandCC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).	
83	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	<b>Complied</b> . Unit assures to provide rain water harvesting at all possible locations and shall reuse the water after pre-treatment.
84	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	<b>Complied</b> . Unit will join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.
85	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	<b>Complied</b> . Unit ensures to use solar energy.
86	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	<b>Complied</b> . Dedicated green belt area is embarked for plantation.
87	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>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
88	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>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
89	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>Complied</b> . Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.

90	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 and Complied</b> Unit is strictly complying with all the conditions stipulated in valid CC&A.
91	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<b>Complied</b> . Unit has provided a garland drain to avoid spillage mixing with stormwater.
92	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 is provided in the areas of chemical handling to prohibit soil contamination.
93	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	<b>Complied</b> . Unit is using only mechanical seal pumps in order to avoid the leakages.
94	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted.
95	In the above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	as per the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Waste
96	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>Complied</b> . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Please refer to the compliance of condition no. 148 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
97	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 proponents.	<b>Complied</b> . Unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report.
98	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEJAA as well as GPCB along with the implementation schedule for all the	Complied

	conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	
99	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<b>Complied</b> . Unit has informed the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. Advertisement was published in Times of India (in English) and Sandesh (in Gujarati) on 09 <sup>th</sup>
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100	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	Unit is submitting the six monthly compliance
101	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> . Unit assures that no False/Fabricated data has been submitted herewith.
102	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied and noted</b> Unit is strictly complying with all the conditions stipulated in valid CC&A.
103	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
104	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>Complied</b> . Company is implementing these conditions in a time bound manner.
105	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.	Not Applicable as the Unit has not taken any loan from any bank. The project was self financed.

106	This environmental clearance is valid for seven years from the date of issue.	Noted.
107	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
108	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	<b>Noted</b> . Unit assures that no False/Fabricated data has been submitted herewith.

EC File No.SEIAA/GUJ/EC/5(f)/101/2020

Dated 05/02/2020

# File No.: SEIAA/GUJ/EC/5(f)/101/2020 dated 05/02/2020

Sr. No:	Condition	Compliance
1	In continuation to the Environment Clearance accorded by the SEIAA vide order no. SEIAA/GUJ/EC/5(f)/1412/2019 dated 04/11/2019; we have received your application vide No. SIA/GJ/IND2/125216/2019 seeking correction in typographic error. In this regard kindly note below. Correction No. 1 – The plot No. shall be read as "778" Instead of "758/1-2-3". Rest of the condition of order no. SEIAA/GUJ/EC/5(f)/1412/2019 dated 04/11/2019 will remain unchanged.	Noted.

EC File No.SEIAA/GUJ/EC/5(f)/335/2016,

Dated: 20/05/2016

## File No.: SEIAA/GUJ/EC/5(f)/335/2016, Dated: 20/05/2016

Sr. No.	Name of Product	Capacity MT/Month	Compliance
1	Hydrogen Gas	3000 NM <sup>3</sup> /Hr	Complied.
2	Purification of O/P/M Phenylene Di Amine	1500 compliance report of EC file SEIAA/GUJ/EC/5(f)/1470/2022.	
3	Calcium Chloride		The production quantity is well within the permitted
I	Chlorination Products		
1	Mono Chloro Benzene/Ortho Dichloro Benzene/Para Dichloro Benzene		
2	1,2,3/1,2,4 Tri Chloro Benzene OR		
3	Ortho Chloro Toluene / Para Chloro Toluene OR		
4	2-Chloro 4-Nitro Toluene OR		<b>Complied.</b> Please refer production details as mentioned in the EC compliance report of EC file No SEIAA/GUJ/EC/5(f)/1470/2022.
5	6-Chloro 2-NitroToluene 4-Chloro 2-Nitro Toluene OR	6000	
6	Pivalyl Chloride OR		The production quantity is well within the permitted
7	2-Ethyl Hexanyl Chloride Or		capacity.
8	Iso Nonyl Chloride OR		
9	2,4,6 Trichloro Aniline (TCAN) OR		
п	Hydrogenated Products	•	
1	Ortho Toludene OR		
2	Meta/Ortho/Para Chloro Aniline OR		
3	3,4 DiChloro Aniline/ 2,3 DiChloro Aniline/ 2,5 DiChloro Aniline OR	.3000	<b>Complied</b> . Please refer production details as mentioned in the EC compliance report of EC file No.
4	2,4 Dichloro Aniline/ 2,6 DiChloro Aniline/ 3,5 DiChloro Aniline OR		SEIAA/GUJ/EC/5(f)/1470/2022. The production quantity is well within the permitted capacity.
5	2,4,5 Trichloroaniline OR		

6	Meta/ Ortho/ Para Phenylene Di Amine OR		
7	3,4 Diamino Diphenyl Ether / 4,4 Diamino Diphenyl Ether OR		
8	Ortho/Para/MetaAnisidine OR		
9	Chloro Fluoro Aniline OR		
10	Ortho/Para/Meta Cumidine OR	•	-
11	Para/Meta Amino Phenol OR	•	-
12	Toluidines OR		-
13	Aniline OR	-	
14	Para/ Meta/ Ortho Fluoro Aniline OR	_	
15	Di Fluoro Aniline (1:3) OR		
16	Di Fluoro Benzene (1:3) OR		
17	4-Fluoro-N-Isopropyl Aniline OR		
18	4-Chloro-NIsopropyl Aniline OR		
19	2 Methoxy 4 NitroAniline (Scarlet R - from partial hydrogenation of 24 DinitroAnisole) OR		
20	2,4 Di Amino Anisole		
21	N-N Disec Butyl PPDA OR		
22	Meta Xylidine OR		
23	4 Chloro 25 Dimethoxy Aniline OR		
24	N,N Di Sec butyl paraphenylene Diamine		
III	Nitration Products		
1	3,4 Di Chloro Nitro Benzene/ 2,5 DiChloro Nitrobenzene/2,3 DiChloro Nitrobenzene OR		
2	2,4,5 Tri Chloro Nitro Benzene/2,3,4 Tri Chloro Nitro Benzene OR		2000
3	4-Nitro N-methyl Phtha-limide OR		

4	2EHN (Ethyl Hexanol Nitration) OR		
IV	Nitro Anisole		
1	Ortho Nitro Anisole OR		
2	Para Nitro Anisole OR		
3	2,4-Di Nitro Anisole OR		Presently the unit is having Partial CC&A.
4	2, Methoxy 5 Chloro Nitro Benzene (from 2,5 DCNB)	1200	Unit is yet to apply for CC&A Amendment for these products
VI	Di Nitro Chlorination		
1	2,6 Dichloro Floro Benzene		
2	2,6 Dichloro Benzonitrile		
3	Meta Dichlorobenzene		
4	2,4 Difluoro Chloro Benzene		Presently the unit is having Partial CC&A.
5	2,4 DiChloro Fluoro Benzene	1200	Unit is yet to apply for CC&A Amendment for these products
6	1,3 Dichloro 4,6 Difluorobenzene		
7	Para Fluoro Chloro Benzene		
8	Ortho Fluoro Chloro Benzene		
BY PR	ODUCTS		
1	Steam (By-Product)	136.56 KL/Day	<b>Complied.</b> Please refer production details as mentioned in the EC compliance report of EC file No. SEIAA/GUJ/EC/5(f)/1470/2022. The production quantity is well within the permitted capacity.
2	Sodium Chloride	2069	<b>Compiled.</b> As per EC No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of issue: 30/05/2022, Sodium Chloride and Ortho Nitro Phenol (ONP) are removed from the By-product list. Presently the unit is having partial CCA for Sodium Chloride and yet to apply for

з	Ortho Nitro Phenol	41	Ortho Nitro Phenol (ONP). However, both are not being
Ŭ			generated at present.

Sr. No.	CONDITIONS	COMPLIANCE
А.	CONDITIONS:	
A.1 SP	ECIFIC CONDITION:	
1.	Entire quantity of (1) Sodium Chloride [2069 MT/Month] and (2) Ortho Nitro Phenol [41 MT/Month] shall be sell out to the actual end users.	<b>Complied.</b> As per EC No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of issue: 30/05/2022, Sodium Chloride and Ortho Nitro Phenol (ONP) are removed from the By-product list. Presently the unit is having partial CCA for Sodium Chloride and yet to apply for Ortho Nitro Phenol (ONP). However, both are not being generated at present. Unit will sell the entire quantity of Sodium Chloride and Ortho Nitro Phenol once generated with proper MoU by manifest system through dedicated Hazardous waste vehicle with Active GPS system.
2.	Spent HCL - 30percentage (12106 MT/Month) shall be utilized as captive consumption for the manufacturing of Calcium Chloride to the maximum extent and if need arises, excess Spent HCl - 30percentage shall be sold to the authorized actual end users.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
3.	Spent Sulphuric Acid - 72percentage (775 MT/Month) shall be sold to the authorized actual end users.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
4.	Unit shall strive to exploring utilization of spent sulphuric acid by converting it into the valuable products within the premises.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
5.	Above mentioned items/wastes streams qualifying the Hazardous and Other Waste	<b>Complied.</b> The stated condition has been amended. Hazardous waste

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	(Management and Transboundary Movement) Rules 2016 shall only be sold after obtaining prior permission from CPCB/SPCB/PCC.	is managed by the unit in accordance with the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
6.	The unit shall install and commission the spent acid concentration plant II proposed at organic division before commencement of production.	<b>Complied.</b> The stated condition has been amended. Hazardous waste is managed by the unit in accordance with the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
7.	The above mentioned By-product/hazardous wastes shall be sold only to the potential users who are authorized by the competent authority (MoEF/CPCB/SPCB etc.)	<b>Complied.</b> Hazardous waste is managed by the unit in accordance with the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
8.	The unit shall submit the list of authorized end users of above mentioned by-products/hazardous wastes along with MoU signed with them for 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> Please refer to the compliance of condition no. 78 of B.2.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
9.	The schedule of the production activity shall be in such a way that there shall be no increase in pollution load with respect of air, water and hazardous waste as proposed in the EIA-EMP report.	<ul> <li>Complied.</li> <li>Unit ensures the schedule of the production activity in such a way that there is no increase in pollution load with respect to air, water and hazardous waste as approved in EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.</li> <li>Water consumption is under permissible limits.</li> <li>Ambient Air Monitoring is being done weekly twice.</li> <li>All process stacks and Flue gas stacks are analyzed monthly once by an external monitoring agency approved by NABL.</li> <li>Noise Analysis is done monthly once.</li> <li>Hazardous waste generation is within permissible limits.</li> </ul>

10.	Spent solvents shall be recovered by in-house distillation in such a manner that recovery shall not be less than 98 percent and recovered solvent shall be reused in the process. Solvent recovery system with adequate reflux condensers shall be provided for controlling escape of low boiling solvents (VOCs).	<b>Complied</b> Solvent recovery systems with adequate reflux condensers are provided for controlling escape of low boiling solvents (VOCs). Recovered solvents are being used in the process to the extent possible.
11.	All measures shall be taken to prevent soil and groundwater contamination.	<b>Complied.</b> Please refer to the compliance of condition no. 10 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
12.	The project proponent shall submit the detailed study report to Gujarat Pollution Control Board (GPCB) at least once in a year, through the reputed institute or university to assess the impacts on soil and ground water quality, if any, due to application of the treated sewage and shall adopt the additional mitigation measures as may be suggested through such studies.	<b>Complied</b> Unit has conducted m/s. Sarvajanik College of Engineering and Technology for the evaluation of the ETP Performance and adequacy. However, the stated condition is not included in amended EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
A.2 W	ATER:	
13.	Total water consumption for proposed expansion shall not exceed 2417 KL/Day. Unit shall reuse recovered water to the tune of 668 KL/Day. Hence, fresh water requirement for the proposed expansion shall not exceed 1749 KL/Day.	<b>Complied.</b> The stated condition has been amended. Water Consumption is consumed by the unit in accordance with the compliance of condition no. 13 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
14.	The additional fresh water shall be sourced from GIDC. The water meter shall be installed and records of daily and monthly water consumption shall be maintained. No ground water shall be tapped for the project requirements in any case.	<b>Complied.</b> The stated condition has been amended. Water Consumption is consumed by the unit in accordance with the compliance of condition no. 13 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022. No groundwater is being tapped for utilization. The unit is only using water from GIDC.
15.	Total Industrial waste water generation after proposed expansion shall not exceed 408.336 KL/Day (Existing 33.336 KL + 375 KL)	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 15 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

16.	Effluent generated from the existing unit shall be treated in provided RO system [100 KL/day], Evaporator [2 KL/day], Tube	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 16 of A.2 of EC File No.
	settler [5 KL/day] and Nutch Filter [0.5 KL/day].	SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
17.	Additional waste water generated from the proposed expansion shall be treated in proposed facility comprising primary, secondary, tertiary treatment plants, RO plants and MEE (Capacity : 70 KL/day) to achieve zero discharge.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 15 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
18.	Total 168 KL/Day of effluent from process and washing shall be treated in ETP followed by RO-2, RO-4 and MEE.	<b>Complied.</b> The stated condition has been amended. Industrial effluent is managed by the unit in accordance with the compliance of condition no. 16, 17 and 18 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
19.	Total 207 KL/day effluent from utilities shall be treated in RO-3, RO-4 and MEE.	<b>Complied.</b> The stated condition has been amended. Industrial effluent is managed by the unit in accordance with the compliance of condition no. 16, 17 and 18 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
20.	Unit shall recycle recovered water to the tune of 668 KL/day (298.28 KL from existing and 369.72 KL from proposed expansion).	<b>Complied.</b> The stated condition has been amended. Industrial effluent is managed by the unit in accordance with the compliance of condition no. 16, 17 and 18 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
21.	Total domestic waste water of 38 KL/day shall be treated in proposed STP (Capacity : 40 KL/day) and shall be utilized for gardening/plantation within premises.	<b>Complied.</b> The stated condition has been amended. Domestic wastewater is managed by the unit in accordance with the compliance of condition no. 19 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
22.	The treated domestic effluent conforming to the MoEF/CPCB/GPCB norms shall be utilized on land within premises for plantation/ Gardening/ Green Belt. During monsoon season when treated effluent may not be required for the plantation/ Gardening / Green belt purpose, it shall be stored within premises and there shall be no discharge of wastewater outside the premises in any case.	<b>Complied.</b> Treated domestic wastewater is managed by the unit in accordance with the compliance of condition no. 20 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

23.	The unit shall provide flow meter / totalizer for measuring effluent treated and reuse and maintain daily records of the same.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 21 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
24.	Proper Logbook of the ETP, RO, MEE and STP operation, effluent quality and quantity, chemical and power consumption etc. shall be maintained and shall be furnished to GPCB from time to time.	<b>Complied.</b> Please refer to the compliance of condition no. 22 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
25.	No effluent from the plant shall be discharged outside the factory premises and process effluent/any wastewater shall not be allowed to mix with storm water.	<b>Complied.</b> Please refer to the compliance of condition no. 17 and 20 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
26.	The unit shall provide metering facility at the inlet and outlet of the Effluent treatment Plant, RO system, MEE plant and STP and maintain the records of the same.	<b>Complied.</b> Please refer to the compliance of condition no. 21 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
27.	Regular performance evaluation of the ETP shall be undertaken every year to check its adequacy, through a reputed institute / organization and its records shall be maintained.	<b>Complied.</b> Unit has conducted m/s. Sarvajanik College of Engineering and Technology for the evaluation of the ETP Performance and adequacy. However, the stated condition is not included in amended EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
28.	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.	<b>Complied.</b> Unit will join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.
A.3 AI	R:	
29.	Imported coal to the tune of 11.02 MT/hr shall be used as a fuel for each Steam Boiler having capacity 30 TPH (2 Boilers).	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

30.	Imported coal to the tune of 14.57 MT/hr shall be used as a fuel for CaCl <sub>2</sub> dryer.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
31.	Unit shall provide separate ESP as APCM for each Boiler.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
32.	Unit shall provide Wet scrubber as CaCl <sub>2</sub> dryer vent.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
33.	Unit shall provide separate set of falling film absorber followed by Alkali Scrubber to control emission of HCl from $CaCO_3$ reactor vent and to control emission of HCl and $Cl_2$ from Chlorinator vent.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
34.	Unit shall provide caustic scrubber to control emission of NO <sub>x</sub> from Nitration vent.	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
35.	Diesel to the tune of 850 Lit./hr shall be used for existing DG sets (650 KVA * 2 Nos and 750 KVA * 3 Nos).	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
36.	Diesel to the tune of 1080 Lit./hr shall be used for the proposed 4 nos of DG sets (Cap. 1000 KVA each).	<b>Complied.</b> The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
37.	Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	<b>Complied.</b> The unit has provided Acoustic enclosure to all the DG Set to mitigate the noise pollution.
38.	Flue gas emissions from Boilers, DG set and any gaseous emissions shall conform to the standards prescribed by the GPCB/CPCB/MoEFandCC. At no time, emission level should go beyond the stipulated standards.	<b>Complied.</b> Please refer to the compliance of condition no. 23 and 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
39.	The air pollution system shall be operated	Complied.

	efficiently and effectively to achieve the norms prescribed by the GPCB/CPCB/MoEFandCC at vent / stack outlets.	Unit has provided adequate APCMs in the existing process gas generation sources and is achieving norms as per standards mentioned in CC&A.
40.	Third party monitoring of the functioning of Air APCMs with its efficiency shall be carried out once in a year through a reputed Institute / organization.	<b>Complied.</b> Unit has provided adequate APCMs in the existing flue gas and process gas generation sources and is achieving the norms as per standards mentioned in CC&A. Please refer to the compliance of condition no. 23 and 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022. All Analysis results are well within limits. Hence, the efficiency of APCM is good.
41.	The company shall prepare schedule and carry out regular preventive maintenance of APCMs and assign responsibility of preventive maintenance to the senior officer of the company.	<b>Complied.</b> Unit has a proper schedule for preventive maintenance of APCMs. According to the schedule, preventive maintenance is carried out regularly.
42.	<ul> <li>The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety and Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.</li> <li>Enclosure shall be provided at Bio-fuel loading and unloading operations.</li> <li>Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.</li> <li>Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.</li> <li>Bio-fuel shall be transported through covered trucks only whereas fly ash shall be transported through closed trucks only.</li> <li>A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive and transport dust emission.</li> </ul>	Complied. Please refer to the compliance of condition no. 26 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
43.	All the vessels used in the manufacturing	Complied.

	process shall be closed to reduce the fugitive emission.	Please refer to the compliance of condition no. 28 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
44.	Regular performance evaluation of the air pollution control systems shall be carried out at least once in a year through a reputed Institute / organization and its records shall be maintained.	<b>Complied.</b> Unit has provided adequate APCMs in the existing flue gas and process gas generation sources and is achieving the norms as per standards mentioned in CC&A. Please refer to the compliance of condition no. 23 and 25 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022. All Analysis results are well within limits. Hence, the efficiency of APCM is good.
45.	Measures shall be taken to reduce the process vapour emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have a vapour recovery system.	<b>Complied</b> Solvent recovery systems with adequate reflux condensers are provided for controlling escape of low boiling solvents (VOCs). Recovered solvents are being used in the process to the extent possible. Unit is doing nitrogen blanketing for reduction of emission of toxic VOC as well as the unit will also provide vent condensers for maximum recovery of VOC.
46.	All the vessels used in the manufacturing process shall be close to reduce the fugitive emission.	<b>Complied</b> . All vessels used in the manufacturing process are closed. Unit is monitoring the fugitive emission in the work zone as per the prescribed standards.
47.	<ol> <li>Solvent management shall be carried out as follows:</li> <li>Reactor shall be connected to chilled brine condenser system to condensate solvent vapors and reduce solvent losses.</li> <li>Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</li> <li>The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% solvent recovery.</li> <li>Solvents shall be stored in a separate space specified with all safety measures.</li> <li>Proper earthing shall be provided in all the electrical equipment wherever</li> </ol>	<ul> <li>Complied Solvent recovery systems with adequate reflux condensers are provided for controlling escape of low boiling solvents (VOCs). Recovered solvents are being used in the process to the extent possible. Unit assures to comply all the design strictly followed for</li> <li>1. Reduction of solvent losses by providing vent chillers.</li> <li>2. All the solvent handling pumps are with mechanical seals for reduction of leakages during pumping.</li> <li>3. Unit will follow standard design as per code for maintaining the recovery above 95% in all solvent recovery.</li> <li>4. Unit assure you that Unitwill follow all the guidelines as per PESO for storage and handling of solvents.</li> <li>5. Unit will provide earthing to all solvent handling equipment as well and piping as per standard and maintain records of it for healthiness.</li> <li>6. Unit has provided flameproof fittings and system for the entire plant and solvent storage with breather valve provision.</li> </ul>

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	<ul> <li>solvent handling is done.</li> <li>6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</li> </ul>	
48.	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	<b>Complied.</b> Please refer to the compliance of condition no. 27 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
49.	<ul> <li>For control of fugitive emission, VOCs, following steps shall be followed:</li> <li>a. Closed handling and charging system shall be provided for chemicals.</li> <li>b. Reflux condenser shall be provided over Reactors / Vessels.</li> <li>c. Pumps shall be provided with mechanical seals to prevent leakages.</li> <li>d. System of leak detection and repair of pump/pipeline based on preventive maintenance.</li> </ul>	<b>Complied.</b> Please refer to the compliance of condition no. 28 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
50.	Airborne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosure.	<b>Complied</b> . Water sprinklers in the Coal storage yard and ash handling system are provided to avoid dusting.
51.	System of leak detection and repair of pump/pipeline based on preventive maintenance.	<b>Complied</b> . Unit is adhering to internal guidelines for LDAR prepared based on the MoEF notification G.S.R.186 (E): Fugitive emission. Unit is carrying out quarterly LDAR monitoring. Please refer to the compliance of condition no. 5 of A.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
52.	Regular monitoring of ground level concentration of $SO_2$ , $NO_X$ , $PM_{10}$ , $PM_{2.5}$ , HCl, $CL_2$ , HC and VOC shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in	<b>Complied</b> . Unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) covering all the parameters at upwind and downwind location (at 3 specific locations) by a MoEFandCC approved and NABL Accredited laboratory. All results are well within the prescribed limits. Please refer to the compliance of condition no. 29 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

	consultation with the GPCB.	
A.4 SC	DLID/HAZARDOUS WASTE:	
53.	The company shall strictly comply with the rules and regulation with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.	<b>Complied</b> . Unit is strictly complying with the regulatory norms and maintaining the records with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
54.	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility before its disposal.	<b>Complied</b> . All the hazardous waste is stored in the designated storage area with a pucca bottom and proper leachate collection facility.
55.	Silica and Insulation waste shall be disposed off at the nearby common TSDF	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
56.	Spent catalyst shall be sale out to registered regenerators.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
57.	Process residue and Distillation residue shall be sent to Common Hazardous Waste Incineration Facility (CHWIF).	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
58.	Discarded barrels / containers / bags / liners shall be either reused or returned back to suppliers or solid only to the authorized vendors after decontamination.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
59.	Used oil shall be sold only to the registered recyclers.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

60.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF.	<b>Complied</b> . Please refer to the compliance of condition no. 71 of B.2.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
61.	Vehicles used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988 and rules made there under.	<b>Complied</b> . Unit is following the Motor Vehicle Act, 1988 and rules for the vehicles transporting hazardous waste. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with Active GPS system.
62.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	<b>Complied</b> . Unit is already following the co-processing of hazardous waste as a mode of disposal wherever possible.
63.	The fly ash shall be supplied to the manufacturers of fly ash based products such as cement, concrete blocks, bricks, panels,etc. The unit shall strictly comply with the Fly Ash Notification under EPA and it shall be ensured that there is 100 percentage utilization of fly ash to be generated from the unit.	<b>Complied</b> 100percentage Fly ash supplied only to the authorized brick manufacturers having proper MoU with them. Please refer to the compliance of condition no. 47 of B.1 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
A.5 S.	AFETY:	
64.	The company shall strictly comply with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.	<b>Complied</b> . The company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended.
65.	The project authority shall strictly comply with the provisions made in Manufacture, Storage and Impact of Hazardous Chemicals Rules, 1989 as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosive 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> Please refer to the compliance of condition no. 81 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

66.	Storage of flammable chemicals shall be sufficiently away from the production area.	<b>Complied</b> . Dedicated storage facility of flammable chemicals provided at safer distance from production area as per PESO approval.
67.	Sufficient no. of fire extinguishers shall be provided near the plant and storage area.	<b>Complied</b> . Sufficient no. of fire hydrant system and extinguishers are provided near the plant and storage area.
68.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	<b>Complied</b> . All necessary precautionary measures are taken to avoid any kind of accident during storage and handling of toxic/hazardous chemicals. HAZOP and Risk assessment system is in place. Induction/Refresher/specific training system is carried out on a regular basis for all employees. Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
69.	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.	<b>Complied</b> . All the toxic/hazardous chemicals are stored in optimum quantity and all necessary permissions in this regard are obtained before commencing the expansion activities. Maintaining the storage concept.
70.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b>Complied</b> . Unit strictly comply with all the mitigation measures and safeguards that are suggested in the Risk Assessment report.
71.	Only flameproof electrical fittings shall be provided in the plant premises.	<b>Complied</b> . Only flameproof electrical fittings are provided in the plant premises. Please refer to the compliance of condition no. 89 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
72.	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	<b>Complied</b> . Unit is ensuring minimum storage of hazardous chemicals. Most of our raw materials are handled through small capacity tanks/containers.

73.	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<ul> <li>Complied.</li> <li>Dyke walls have been provided for all storage tanks.</li> <li>Closed loops systems to transfer the materials to avoid leakage/ spillage.</li> <li>Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow.</li> <li>Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate.</li> <li>Close monitoring through the DCS panel.</li> <li>Maximum allowable storage level is 80 percentage of total capacity.</li> <li>Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.</li> </ul>
74.	Handling and charging of the chemicals shall be done in closed manner by pumping or vacuum transfer so that minimal human exposure occurs.	<b>Complied</b> . Unit strictly follows all the standards for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.
75.	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<b>Complied</b> Yes Unit has tie up with nearby health care units. (Jayaben Modi Hospital, 32 Kms) Please refer to the compliance of condition no. 93 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
76.	Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.	<b>Complied</b> . Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
77.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b>Complied</b> First Aid Box and required Antidotes for the chemicals used in the unit are made readily available in adequate quantity.
78.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<b>Complied</b> . Regular training is conducted to all the workers on safety and health aspects of Chemical handling. Please refer to the compliance of condition no. 97 of B.2.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
79.	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	<b>Complied</b> . OHC is maintaining all the records and Pre-employment and periodical medical examinations for all the workers are done as per the Factories Act and Rules. Please refer to the compliance of condition no. 98 of B.2.4 of EC File No.

	Factory Acts and Rules.	SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
80.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act and Rules.	<b>Complied</b> . Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act.
81.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<b>Complied</b> . Unit has implemented all the mitigation and recommendations mentioned in the EIA report .
82.	Necessary permissions from various authorities like PESO, Factory Inspectors and others shall be obtained prior to commissioning of the project.	<b>Complied</b> . Necessary permission has been taken from PESO. Factory Licence has been obtained from Factory Inspectorate (DISH), Govt. of Gujarat.
A.6 N	OISE:	
83.	The overall noise level in and around the plant area shall be kept within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 and Rules.	<b>Complied</b> . Adequate measures are being taken to keep ambient noise well within the prescribed limits. Monthly Ambient Noise monitoring is being conducted by a MoEFFandCC recognized and NABL accredited laboratory. Please refer to the compliance of condition no. 106 of B.2.5 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
A.7 C	LEANER PRODUCTION AND WASTE MINIMIZ	ATION:
84.	<ul> <li>The company shall undertake various waste minimization measures including:</li> <li>a) Metering and control of quantities of active ingredients to minimize waste.</li> <li>b) Use of automated and enclosed filling to minimize spillage.</li> <li>c) Use of close feed system into batch reactors.</li> <li>d) Regular preventive maintenance for avoiding leakage, spillage etc.</li> <li>e) Dry cleaning / mopping of floor instead of floor washing.</li> <li>f) Regular preventive maintenance for avoiding leakage, spillage etc.</li> </ul>	<b>Complied</b> . Unit is undertaking all the measures for waste minimization. Please refer to the compliance of condition no. 108 of B.2.6 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
	REEN BELT AND OTHER PLANTATION:	
A.8 G	REEN BELL AND OTHER PLANTATION.	

	premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.	The unit has developed Green Belt as per CPCB guidelines within as well as outside the premises and will be continuing necessary activities to continue raising the green belt area. Please refer to the compliance of condition no. 109 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
В.	OTHER CONDITIONS:	
86.	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down the shall not be restarted until the desired efficiency of the control equipment has been achieve.	<b>Complied</b> . Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.
87.	All the recommendations / commitments made in the EIA report of the project prepared by M/s. Jyoti Om Chemical Research Centre Pvt. Ltd., Ankleshwar and submitted vide letter no. NIL date 09/02/2015 shall be implemented in letter and spirit.	<b>Complied</b> . All the recommendations / commitments made in the EIA report are implemented.
88.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB).	<b>Complied</b> Unit strictly adheres to the stipulations made by the Gujarat Pollution Control Board (GPCB).
89.	During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.	<b>Complied</b> . Unit has provided a garland drain to avoid spillage mixing with stormwater.
90.	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 is provided in the areas of chemical handling to prohibit soil contamination.
91.	Leakages from the pipes, pumps shall be minimal and if occurs shall be arrested promptly.	<b>Complied</b> . Unit is using only mechanical seal pumps in order to avoid the leakages.
92.	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without	<b>Complied</b> . Unit has taken the following Environment Clearances: 1. File No.: SEIAA/GUJ/EC/5(f)/342/2017, Date of Issue:

	obtaining prior Environment Clearance from the concerned authority.	<ul> <li>30/12/2017,</li> <li>File No.: SEIAA/GUJ/EC/5(f)/894/2019, Date of Issue: 19/06/2019,</li> <li>File No.: SEIAA/GUJ/EC/5(f)/1595/2020, Date of Issue: 24/12/2020,</li> <li>File No.: SEIAA/GUJ/EC/5(f)/1161/2021, Date of Issue: 02/07/2021,</li> <li>File No.: SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022,</li> <li>File No.: SEIAA/GUJ/EC/5(f)/2533/2022, Date of Issue: 28/10/2022</li> <li>The unit will take EC amendment if further expansion or modifications in the plant.</li> </ul>
93.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	<b>Complied</b> . Unit assures to comply with all the requirements as per the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
94.	The company shall undertake socio-economic developmental / community welfare activities as per the CSR Rules 2014.	<b>Complied</b> . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Please refer to the compliance of condition no. 148 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
95.	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>Complied</b> . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas. Please refer to the compliance of condition no. 148 of B.2.7 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
96.	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>Complied</b> . Unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report.

97.	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied.
98.	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	<section-header><complex-block><complex-block></complex-block></complex-block></section-header>

		of granted EC from SEIAA, Gandhinagar.
99.	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 of the environmental protection and management.	<b>Complied</b> . Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
100.	It shall be mandatory for the project management to submit a half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned . on 1st June and 1st December of each calendar year.	<b>Complied</b> . Unit is submitting the six monthly compliance report regularly.
101.	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> . Unit assured that no False/Fabricated data is submitted herewith.
102.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Complied.</b> Unit is adhering to stipulations of Gujarat Pollution Control Board.
103.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
104.	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>Complied</b> . Company is implementing these conditions in a time bound manner.
105.	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.	Not Applicable as the Unit has not taken a loan from any bank. The project was self financed.

106.	This environmental clearance is valid for seven years from the date of issue.	Noted.
107.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act,2010.	Noted.

# Environment Compliance Report of EC File No.SEIAA/GUJ/EC/5(f)/1342/2017, Dated: 30/12/2017

# File No.: SEIAA/GUJ/EC/5(f)/1342/2017, Dated: 30/12/2017

Sr. No.	CONDITIONS	COMPLIANCE
1.	Subject of the Environmental clearance order no. SEIAA/GUJ/EC/5(f)/335/2016, Dated: 20/05/2016 have been amended and shall be read as under: Sub: Environmental Clearance to M/s. Aarti Industries Limited for setting up of the proposed expansion for manufacturing of Synthetic organic chemicals at Plot no: 756/4: AandB, 756/6 and 779,756: 2A and2B and 756: 3A and 3B GIDC- Jhagadia, Dist: Bharuch In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006	Noted. The stated condition has been amended. Please refer to the EC File No. SEIAA/GUJ/EC/5(f)/2533/2022, Date of Issue: 28/10/2022.
2	Rest of the conditions of the Environment Clearance orders of SEIAA/GUJ/EC/5(f)/335/2016 dated 20/05/2016 shall remain unchanged.	Noted.

# EC File No.SEIAA/GUJ/EC/5(f)/894/2019,

Dated: 19/06/2019

## File No.: SEIAA/GUJ/EC/5(f)/894/2019 Dated 19/06/2019

SR. NO.	CONDITIONS	COMPLIANCE
1.	Condition No. 16, 17, 18, 19, 20, 21, 24, 25, 26, 27, 29 and 55 of the environmental clearance order no. SEWAAIGUJIEC/S(f)/335/2016 dated 20/05/2016 and amended vide letter No. SEIAAIGUJ/EC/5(f}/1342/2017 dated 30/12/2017 have been amended and shall be read as under:	Noted.
Condition no 16.	Total industrial effluent generated (408.336 KLD) shall be send to the sister concern unit i.e. Aarti Industries Ltd (Unit-I), Plot No. 758/1, 2 and 3, GIDC Estate, Jhagadia, Dist: Bharuch Located at adjoining plot for treatment.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 16 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 17.	Unit shall provide separate pipelines with individual marking for concentrate and dilute effluent generated from process and from utilities sending to the sister concern unit i.e. Aarti Industries Ltd (Unit-I) located at the adjoining plot for treatment.	
Condition no 18.	Unit shall recycle recovered water to the tune of 643.28 KLD (273.28 KL from Aarti Industries Limited (Unit-II) + 370 KLD from combined ETP located at sister concern unit i.e. Aarti Industries Limited (Unit-I))	
Condition no 19.	Unit shall provide separate pipeline with individual marking for recovered water from sister concern unit i.e. Aarti Industries Limited (Unit-I)	
Condition no 20.	Recovered water from combined ETP of Unit I of 370 KLD and recovered water of 273.28 from within premises shall be reused in cooling tower and process.	
Condition no 21.	The domestic wastewater (38 KLD) shall	Complied.

	be send to sister concern unit i.e. Aarti Industries Ltd (Unit-I) Located at the adjoining plot for treatment in Combined STP and after treatment the treated domestic wastewater 30 KLD shall be received back and utilized for gardening/plantation within own premises.	The stated condition has been amended. Please refer to the compliance of condition no. 19 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 24.	Proper Logbook of the effluent quantity and quality send to sister concern unit i.e. Aarti Industries Ltd (Unit-I) located at the adjoining plot, reuse etc. shall be maintained and shall be furnished to the GPCB from time to time.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 22 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 25.	Effluent shall be send to the sister concern unit i.e. Aarti Industries Limited (Unit-I) for treatment in combined ETP and shall not be allowed to discharge anywhere else or not allowed to mix with storm water.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 16 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 26.	The unit shall provide metering facility at the outlet and inlet of the wastewater discharging to the sister concern unit i.e. Aarti Industries Ltd (Unit-I) located at the adjoining plot and maintain the record for the same.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 21 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 27.	Regular performance evaluation of the combined ETP shall be undertaken every year to check its adequacy, through a reputed institute/organization and its records shall be maintained.	<b>Complied</b> . ETP performance is being evaluated and monitored on a regular basis.
Condition no 29.	Imported coal to the tune of 11.02 MT/hr shall be used as a fuel for each Steam Boiler having capacity 30 TPH (2 Boilers).	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 23 of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
Condition no 55.	Silica and Insulation waste shall be disposed off at the nearby common TSDF	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30 of A.4 of EC File No.

								AA/GUJ 5/2022	J/EC/5(f)/1470/2022, Date of Iss 2.		
2.	The following conditions shall be added in environmental clearance order no. SEIAA/GUJ/EC/5(f)/335/2016 dated 20/05/2016 and amended vide letter no. SEIAA/GUJ/EC/5(f)/1342/2017 dated 30/12/2017 and shall be as under:						. The l Plea . no. l SEIA	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of conditi no. 30 of A.4 of EC File M SEIAA/GUJ/EC/5(f)/1470/2022, Date of Iss 30/05/2022.			
			> Ha	zardous wa	ste mana	agement s	hall be as	under:			
		Sr. No.	Type of Hazard ous Waste	Source of G eneration	As per C TE- 72020		Total after EC Amendme	Category No.	Mode of Disposal		
		1.	ETP Residue a fter evaporation ETP Waste	ETP Plant	50 MT/Y 2880 MT/Y	-50 MT/Y -2880 MT/Y	0	35.3	Collection, Storage within factory pre mises. Transportation and disposal a t common TSDF by M/s BEIL Ankles hwar		
							10840	1			
			Silica	Calcium Chl oride Proce ss	10840 MT/Y	0	MT/Y		Collection, storage, transportation & disposal at approved TSDF site.		
		2.	Used oil	oride Proce ss Utility t Pollution Co Phone No.	MT/Y 18.4 MT/Y ontrol Boa	32-32152,2	MT/Y 18.4 MT/Y varan Bhave 32-41514 F	ax No .:- (07	disposal at approved TSDF site. Collection, storage, transportation. Di sposal by selling to registered re- -10 A, Gandhinagar-382010 Page 2 of 3 9) 232-22784		
			Used oil	oride Proce ss Utility t Pollution Co Phone No.	MT/Y 18.4 MT/Y ontrol Boa	rd, <i>"Parya</i> 32-32152,2	MT/Y 18.4 MT/Y varan Bhave 32-41514 F	an" Sector- ax No.:-(07	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.eov.in		
			Used oil	oride Proce ss Utility t Pollution Co Phone No.	MT/Y 18.4 MT/Y ontrol Boa	rd, <i>"Parya</i> 32-32152,2	MT/Y 18.4 MT/Y varan Bhave 32-41514 F	an" Sector- ax No.:-(07	disposal at approved TSDF site. Collection, storage, transportation. Di sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.gov.in processor.		
		2.	Used oil	oride Proce ss Utility t Pollution Co Phone No. E-mail : <u>m</u> Raw materi	MT/Y 18.4 MT/Y ontrol Boa	rd, <i>"Parya</i> 32-32152,2	MT/Y 18.4 MT/Y varan Bhave 32-41514 F	an" Sector- ax No.:-(07	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.eov.in processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw material supplier.		
		2.	Used oil Office : Gujara Empty Barrels & Empty HDPE bags	oride Proce ss Utility t Pollution Ct Phone No. E-mail : <u>m</u>	MT/Y 18.4 MT/Y ontrol Boa :- (079) 2: ssseiaagi@	rd, "Paryan 32-32152,2 0amail.com	MT/Y 18.4 MT/Y varan Bhav 32-41514 F Website:- v 33 MT/Y 15 MT/Y	an" Sector- ax No.:-(07 www.seiaa.	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.eov.in Processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw malerial supplier. Collection, storage, transportation & disposal by safe to registered recycle rs/ waste filling.		
		2.	Used oil Office : Gujara Empty Barrels & Empty HDPE bags Discarded Cont	oride Proce ss Utility t Pollution Co Phone No. E-mail : m Raw materi al storage a	MT/Y 18.4 MT/Y entrol Boa (079) 2: ssseiaagi@ 33 MT/Y	rd, "Paryan 32-32152,2 0amail.com	MT/Y 18.4 MT/Y 18.4 18.4 15 15	an" Sector- ax No.:-(07 www.seiaa.	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.eov.in Processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw material supplier. Collection, storage, transportation & disposal by sale to registered recycle rs/ waste filling. Collection, storage, transportation & disposal by uncineration at CHWIF- BEIL/SEPPL		
		2.	Used oil Office : Gujara Empty Barrels & Empty HDPE bags Discarded Cont ainers /Bags Distillation resi	oride Proce ss Utility t Pollution Co Phone No. E-mail : m Raw materi al storage a rea	MT/Y 18.4 MT/Y antrol Boa :- (079) 2: ssseiaag(@ 33 MT/Y 15 MT/Y 1404	rd, <i>"Parya</i> 32-32152,2 2gmail.com 0	MT/Y 18.4 MT/Y Varan Bhava 32-41514 F Website:- v 33 MT/Y 15 MT/Y 1404	an" Sector ax No.:-(07 www.seiaa.	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.gov.in Processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw material supplier. Collection, storage, transportation & disposal by sale to registered recycle rs/ waste filling. Collection, storage, transportation & disposal by incineration at CHWIF- BELU/SEPPL Collection, storage, transportation & disposal at approved incineration faci lity.		
		2.	Used oil Office : Gujara Empty Barrels & Empty HDPE bags Discarded Cont ainers /Bags Distillation resi due & waste	oride Proce ss Utility t Pollution Co Phone No. E-mail : <u>m</u> Raw materi al storage a rea Process Are a	MT/Y 18.4 MT/Y 18.4 MT/Y 15 MT/Y 1613 MT/Y	rd, <i>"Parya</i> 32-32152,2 2gmail.com 0	MT/Y 18.4 MT/Y 18.4 MT/Y 18.4 13.2-41514 F Website:- v 33.3 MT/Y 15 MT/Y 1404 MT/Y 1613	an" Sector ax No.:-(07 www.seiaa. 33.1 28.1	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 9) 232-22784 guiarat.gov.in Processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw material supplier. Collection, storage, transportation & disposal by sale to registered recycle rs/ waste filling. Collection, storage, transportation & disposal by sale to registered recycle rs/ waste filling. Collection, storage, transportation & disposal by incineration at CHWIF- BEILV SEPPL Collection, storage, transportation & disposal at approved incineration faci lity. Collection, storage, transportation & disposal by sale to registered regene rators.		
		2. 3. 4. 5.	Used oil Office : Gujara Empty Barrels & Empty HDPE bags Discarded Cont ainers /Bags Distillation resi due & waste Process residu e	oride Proce ss Utility t Pollution Co Phone No. E-mail : m Raw materi al storage a rea Process Are a Process Are a Process Are a	MT/Y 18.4 MT/Y 18.4 MT/Y 19.2 10.0 18.4 10.0 18.4 10.0 19.2 10.0	rd, <i>"Parya</i> 32-32152,2 2gmail.com 0	MT/Y 18.4 MT/Y 18.4 MT/Y 18.4 13.2 41514 F Website:- v 33.3 MT/Y 14.0 14	an" Sector ax No.:-(07 www.seiaa. 33.1 28.1 26.1	disposal at approved TSDF site. Collection, storage, transportation. DI sposal by selling to registered re- 10 A, Gandhinagar-382010 Page 2 of 3 19) 232-22784 guiarat.cov.in Processor. Collection, storage, transportation, d econtamination. Disposal by sending back to raw material suppler. Collection, storage, transportation & disposal by sale to registered recycle rs/ waste filling. Collection, storage, transportation & disposal by incineration at CHWIF- BEIL/ SEPPL Collection, storage, transportation & disposal at approved incineration faci lity. Collection, storage, transportation & disposal at approved incineration faci lity.		

EC File No.SEIAA/GUJ/EC/5(f)/1595/2020,

Dated: 24/12/2020

## File No.: SEIAA/GUJ/EC/5(f)/1595/2020 Dated 24/12/2020

Sr. No.	CONDITIONS	COMPLIANCE
1.	Condition no. 18, 19 and 20 of the environm 20.05.2016 have been amended and shall be	ent clearance order no. SEIAA/GUJ/EC/5(f)/335/2016, dated e read as under:
I.	Subject shall be amended and read as under: Environment Clearance to M/s. Aarti Industries Limited for setting up of the proposed expansion for manufacturing of synthetic organic chemicals at plot no. Plot no. 756/2A and 2B, 756/4A and B, <b>756/7</b> , 756/5A and B, 756/6 and 779, 756: 3A and 3B GIDC -Jhagadia, Dist: Bharuch In category- 5(f) of the schedule annexed with EIA notification dated: 14/09/2006.	Noted. The stated condition has been amended. Please refer to the subject of EC File No. SEIAA/GUJ/EC/5(f)/2533/2022, Date of Issue: 28/10/2022.
Π	Condition No. 18 shall now be read as under: Total 179.336 KL/Day of effluent from process, washing and ejector shall be treated in ETP followed by RO and MEE.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 16 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
III	Condition No. 19 shall now be read as under: Total 221 KL/day effluent from utilities shall be treated in RO and MEE.	
IV	Condition No. 20 shall now be read as under: Unit shall recycle recovered water to the tune of 668.78 KL/day	
2.	Condition no. 16, 17, 18, 19, 20, 21, 24, 25 SEIAA/GUJ/EC/5(f)/894/2019 have been am	5, 26, 29 and 55 of the environment clearance order no. nended and shall be read as under:
i	Condition No. 16 shall now be read as under: Total industrial effluent 400.336 KLD shall be treated in house ETP followed by MEE and RO.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 16 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

ii	Condition No. 17 shall now be read as under: There shall be no separate pipeline for sending effluent to M/s. Aarti Industries Ltd. (Unit-II) to M/s. Aarti Industries Ltd. (Unit-I).	
iii	Condition No. 18 shall now be read as under: Unit shall recycle 668 KL/Day treated effluent i.e. RO permeate and MEE condensate.	
iv	Condition No. 19 shall now be read as under: Unit shall earmarked pipeline of treated effluent reused in process.	
v	Condition No. 20 shall now be read as under: Recovered water the tune of 668 KL/Day from MEE and RO shall be reuse in cooling tower and process.	
vi	Condition No. 21 shall now be read as under: Total domestic wastewater of 38 KL/Day shall be treated in in-house STP and shall be utilized in gardening/plantation within premises.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 19 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
vii	Condition No. 24 shall now be read as under: Proper logbook of ETP, RO, MEE and STP operation, effluent quality, quality of treated effluent reused in process and gardening/plantation; chemical and power consumption shall be maintained and shall be furnished to the GPCB time to time.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 22 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
viii	Condition No. 25 shall now be read as under: There shall not be any discharge of effluent outside the factory premises and shall not be allowed to discharge anywhere else or not allowed to mix with	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 16 and 17 of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

	storm water.	
ix	Condition No. 26 shall now be read as under: The unit shall provide metering facility at inlet and outlet of the effluent treatment plant, RO system, MEE plant and STP and maintain the record of the same.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 21` of A.2 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
х	Condition No. 29 shall now be read as under: Imported coal to the tune of 11.12 MT/Hr shall be used as a fuel for each steam boiler (2 Nos- Cap: 30 TPH)	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 23` of A.3 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
xi	Condition No. 55 shall now be read as under: ETP waste, MEE salt, silica and insulation waste shall be disposed off at the common TSDF site.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30` of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.
	Sr. No. 2 of EC-Amendment granted by SEIAA, Gujarat vide Letter No: SEIAA/GUJ/EC/5(f)/894/2019, dated 19 <sup>th</sup> June 2019) shall be now read as under.	<b>Complied</b> . The stated condition has been amended. Please refer to the compliance of condition no. 30` of A.4 of EC File No. SEIAA/GUJ/EC/5(f)/1470/2022, Date of Issue: 30/05/2022.

Sr. No	Type of Hazardous Waste	Source of Generation	As per EC- Year 2016	As per EC Amendme nt-Year 2019	As per Proposed EC amendme nt for ETP facility in Unit-II instead of Unit I	Total after EC amendme nt	Catego ry No.	Mode of Disposal
1.	ETP Residue after evaporation/M EE salt	ETP Plant	50 MT/Y	-50 MT/Y	+50 MT/Y	50 MT/Y	35.3	Collection, Storage within factory premises.
	ETP Waste		2880 MT/ Y	MT/ MT/Y	+2880 MT/Y	2880MT/Y		Transportatio n and disposal at common TSDF site.
	Silica	CaCl2 Process	10840 MT/ Y	10840 MT/Y	+0 MT/Y	10840 MT/Y		Collection, storage, transportation & disposal at approved TSDF site.
2.	Used oil	Utility	18.4 MT/Y	18.4 MT/Y	+0 MT/Y	18.4 MT/Y	5.1	Collection, storage, transportation Disposal by selling to registered re-
3.	Empty Barrels & Empty HDPE bags	R.M storage and finish good storage area	33 MT/Y	33 MT/Y	+0 MT/Y	33 MT/Y	33.3	processor. Collection, storage, transportation decontaminati on. Disposal by sending back to raw material supplier.
	Discarded Containers /Bags		15 MT/Y	15 MT/Y	0 MT/Y	15 MT/Y		Collection, storage, transportation & disposal by sale to registered recyclers/ waste filling.
4.	Distillation residue & Other waste (Spent carbon)	Process	1404 MT/Y	1404 MT/Y	0 MT/Y	1404 MT/Y	26.1	Collection, storage, transportation & disposal by incineration at
5.	Process residue	1000	1613 MT/Y	1613 MT/Y	+0 MT/Y	1613 MT/Y		CHWIF- SEPPL.

6.	Spent Catalyst	Hydrogenati on process	235 MT/Y	235 MT/Y	+0 MT/Y	235 MT/Y	35.2	Collection, storage, transportation & disposal by sale to registered regenerators.
7.	Hydrochloric acid (30%)	Scrubber	14527 2 MT/Y	145272 MT/Y	00	145272 MT/Y	D2	Collection, storage, transportation & reused in manufacturing of CaCl <sub>2</sub> . OR sold to authorize actual end users having Rule 9 permission.
8.	Spent sulphuric acid	process	9300 MT/Y	9300 MT/Y	0	9300 MT/Y	D2	Collection, storage, transportation & sold to authorized actual end users having Rule 9 permission.

# **Environment Compliance Report of**

EC File No.SEIAA/GUJ/EC/5(f)/2533/2022,

Dated: 28/10/2022

### Environment Clearance Compliance report for period October 24 to March 25

### File No.: SEIAA/GUJ/EC/5(f)/2533/2022 Dated 28/10/2022

SR. NO.	CONDITIONS		COMPLIANCE
1.	<u>Merger the plot</u> Merging of Environment of Industries Limited (Unit-) manufacturing plant of "synt (APl and it's intermediates) a 756/3A and 3B, 756/4 and 4 756/7, 756/8+9, 779 and 778, Estate, Jhagadia. In category with EIA Notification dated 14	II) for setting up a thetic organic chemicals" at plot no. 756/2A and 2B, 4B, 756/5A and 5B, 756/6, GIDC Notified Industrial 5(f) of schedule annexed	Noted.
2.	<u>Change the CAS nos:</u> Corrected CAS No. in pr IA-Chlorination products an MT/Annum.	nd its derivatives: 90000	Noted.
	NAme of Product Ortho Di Chloro Benzene (ODCB)/ Para Di Chloro Benzene (PDCB)/ Meta Di Chloro Benzene (MDCB) either/Or	CAS no. in EC letter 95-50-1/106-46-7/ 541-73-1	

### <u>Annexure-2</u>

### Photographs of Greenbelt









### <u>Annexure-3</u>

	Leak Detection & Repair (LDAR) Monitoring Log Sheet																			
								Oct-Dec	24				Jan-Mai	: 25						
Sr No	Plant	Section	Equipments	VOC Compon ent	Emission Source	Initial VOC (ppm)	Status of Leak	Date of Leak	VOC After Repair	Compliance status	Initial VOC (ppm)	Status of Leak	Date of Leak	VOC After Repair	Compliance status					
						18-Oct- 2024	Point	Repair	ppm	status	23-Jan- 2025	Point	Repair	(ppm)	Status					
1					Flanges - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
2					Valves - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
3			Tanker		Pump seals - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
4	TCAN	Unloading	bottom	bottom	bottom	bottom	bottom		Aniline	Drain point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
5	ICAN	point		Aniline	Aniline	Sampling point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied				
6			0210301		Tank top nozzles - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
7					Breather Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
8					Side Man hole - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
9					Valves - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
10	TCAN	Transferring	6ST0901 to 6R0901	Aniline	Sampling point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
11	ICAN	point	(Reactor)	Amme	Drain point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
12					Pump seals - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
13					Flanges/Valves - 11	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
14		Encl. MOD	6ST0808		Drain points - 7	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
15	TCAN	Fresh MCB storage		(DCPNA) to Benzene D	Pump seals - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied					
16		5	(TCAN)		Sampling point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied					

17					Breather valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
18					Top man hole - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
19					LT/PT Flanges - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
20					Flanges - 3	0	Nil	-	-	Complied	0	Nil	-	-	Complied
21					Valves - 9	0	Nil	-	-	Complied	0	Nil	-	-	Complied
22					Pump seals - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
23	CLB	Benzene Day	6ST0101 to	Benzene	Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
24	CLD	tank	Bz Dryer	Delizelle	Sampling point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
25					Tank top nozzels - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
26					Breather Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
27					Side Man hole - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
28					Valves - 3	0	Nil	-	-	Complied	0	Nil	-	-	Complied
29	CLB	Benzene	Bz Dryer to	Benzene	Tank top nozzels - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
30	CLD	Vessel	6V0106	Delizelle	Breather Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
31					Top man hole - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
32					Flanges - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
33					Valves - 10	0	Nil	-	-	Complied	0	Nil	-	-	Complied
34	CLB	Benzene Vessel	6V0106 to Chlorinator	Benzene	Pump seals - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
35		100001	Children		Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
36					Sampling point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
37			6V0107		Valves - 6	0	Nil	-	-	Complied	0	Nil	-	-	Complied
38	CLB	Recovery	(Reflux vessel) to	Benzene	Pump seals - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
39			6V0106		Sampling point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied

40			6ST0101 to		Flanges - 6	0	Nil	-	_	Complied	0	Nil	-	_	Complied
	TCB	ODCB dryer	ODCB Dryer	Benzene			Nil			-		Nil			-
41			OD OD DI yei		Valves - 8	0		-	-	Complied	0		-	-	Complied
42			ODCB dryer		Flanges - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
43	TCB	ODCB dryer	to 6V0134	Benzene	Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
44					View glass - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
45					Flanges - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
46	TCB	ODCB dryer	6V0134 to Benzene	Benzene	Valves - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
47	ICB	ODCB di yei	day tank	Delizelle	Pump seals - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
48					Sampling point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
49					Flanges - 23	0	Nil	-	-	Complied	0	Nil	-	-	Complied
50					Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
51		Methanol			Control Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
52	GOLD	Underground	T01ST0205	Methan ol	NRV - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
53		tank			Pump seals - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
54					Sampling point - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
55					Tank top - 3	0	Nil	-	-	Complied	0	Nil	-	-	Complied
56					Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
57					Flange joints - 14	0	Nil	-	-	Complied	0	Nil	-	-	Complied
58	GOLD	Methanol Collection	1V0144	Methan	Tank top - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
59	GOLD	vessel	100144	ol	XV - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
60					NRV - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
61					Bottom Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
62		Liq Ammonia		Ammon	Bottom Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
63	GOLD	(25%) storage vessel	1ST0204	ia	Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied

**CL-1 CONFIDENTIAL** 

64					Flanges - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
65					Side Man hole - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
66					Pump seal - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
67					Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
68					NRV - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
69					Sampling point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
70					Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
71			Ammonia		Pump - 2P0149 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
72			Gaurd Scrubber (2ST0124)	Ammon ia	Blower - 2B0103 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
73					Pump - 2P0151 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
74					Pump - 2P0138 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
75			Ammonia		Pump - 2P0144 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
76			recovery scrubber	Ammon ia	Pump - 2P0150 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
77		Ammonia	(2ST0126)		Pump - 2P0139 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
78	ETP	Steam Stripper			Pump - 2P0137 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
79		ouippei			Pump - 2P0106	0	Nil	-	-	Complied	0	Nil	-	-	Complied
80					Bottom Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
81			Ammonia		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
82			solution storage		Flanges - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
83			tank	ia	Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
84			(2ST0125)		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied

85			Ammonia		Bottom Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
86			Stripper		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
87			bottom		Flanges - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
88			storage tank	ia	Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
89			(2ST0310)		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
90					Bottom Valve - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
91			Ammonia		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
92			Stripper feed storage		Flanges - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
93			tank	ia	Drain point - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
94			(2ST0102B)		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
95					Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
96			Neutralizati		Flange joints - 10	0	Nil	-	-	Complied	0	Nil	-	-	Complied
97			on Reactor-4	voc	View glass - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
98			(2R0304 A & B)		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
99					Pump - 2P0304 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
100	ETP	Primary			Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
101		Treatment	pH		Flange joints - 10	0	Nil	-	-	Complied	0	Nil	-	-	Complied
102			adjustment reactor	voc	View glass - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
103			(2R0102 A & B)		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
104					Pump - 2P0102 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
105			pH adjustment	VOC	Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied

**CL-1 CONFIDENTIAL** 

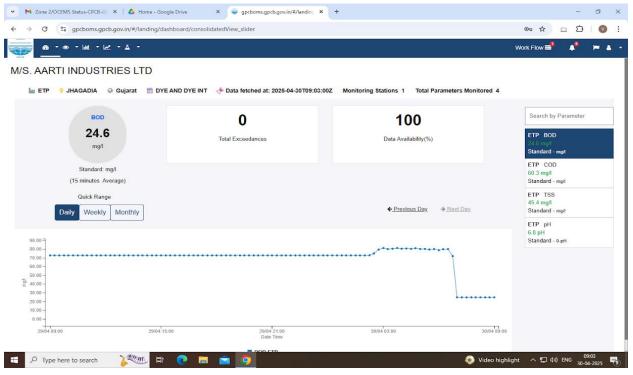
106			reactor		Flange joints - 10	0	Nil	-	-	Complied	0	Nil	-	-	Complied
107			(2R0104 A & B)		View glass - 1	0	Nil	-	-	Complied	0	Nil	-	-	Complied
108			Бу		Circulation line valve - 2	0	Nil	-	-	Complied	0	Nil	-	-	Complied
109					Pump - 2P0104 A/B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
110			Primary		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
111			Clarifier	VOC	Flange joints - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied
112			(2ST0104)		Pump - 2P0110 A&B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
113			Secondary		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
114			Clarifier	VOC	Flange joints - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied
115			(2ST0108)		Pump - 2P0111 A&B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
116			Secondary		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
117	ETP	Bio Aeration	Clarifier	VOC	Flange joints - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied
118			(2ST0110)		Pump - 2P0112 A&B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
119			Tertiary		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
120			Clarifier	VOC	Flange joints - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied
121			(2ST0115)		Pump - 2P0113 A&B	0	Nil	-	-	Complied	0	Nil	-	-	Complied
122			Sludge		Valves - 4	0	Nil	-	-	Complied	0	Nil	-	-	Complied
123			sump	VOC	Flange joints - 5	0	Nil	-	-	Complied	0	Nil	-	-	Complied
124			(2ST0111)		Pump - 2P0116 A&B	0	Nil	-	-	Complied	0	Nil	-	-	Complied

### Annexure - 4

### **OCEMS** Connection

V Zone 2/OCEMS Status-CPCB-G × A Home - Google Drive	× 🗮 RTDMS × +	- a ×
← → C S rtdms.cpcb.gov.in/#/I/dashboard/site-info/ey/v	YmoiOiJpbmR1c3RyeV83NTc4In0	@ ☆ □ 끄   ◎ :
59	Central Pollution Control Board	Welcome industry(Logout) Menu =
Dashboard / Industry Dashboard / Aarti Industries Limited	1 (U-II)	
arti Industries Limited (U-II) (06GJ173) PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/6 A&B, © Dye and © Dye and © Dye and Comparison of the state of the	P C Refer	online Alerts (Last 30 Days)
Data Last Received On     SPCB Regional Office +	Industry Representatives  SMS Communicated	
2025-04-30 08:57 GUJARAT POLLUTION CONTROL BOA	Krishan Maurya (Last 7 Days)	
ive Readings		No Data Found
💏 Emission 👙 Effluent All	CEMS EQMS Total Stations	
ETP Outlet	Last Received: 6 minutes a	Diagnostic Status 0 View Diagnostics View Data
O m³/hr - Flow Outlet     Outlet     Uinit: - m³/hr     Site best veewed at 1042 X788 resolution in Mozilia 45.0 or above. Google Chrome.	6.9 pH - pH Limit: 6.0 - 9.0 pH	
the best newed at 1024 X 100 resolution in mobility 45.0 of above, Google Chrome	50.0 or above	© 2023 Central Pollution Control board - All Rights Reserved. Disclaimer.

Screenshot of CPCB portal



#### Screenshot of GPCB portal

### <u>Annexure-5</u>

### Ambient Air Monitoring Report

cation 1 : PDA Gate (Nr. Safety Office)									
	PM10	PM2.5	SO2	NOx					
Month	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3					
Oct'24	81.72	27.01	20.61	23.57					
Nov'24	80.34	33.84	22.49	25.58					
Dec'24	80.74	27.48	19.49	22.49					
Jan'25	82.13	28.39	21.18	23.93					
Feb'25	80.06	27.26	23.39	26.13					
Mar'25	82.85	33.94	22.38	25.46					

Location 2 : Hydro	Location 2 : Hydrogen Plant (Nr. Security Gate)										
	PM10	PM2.5	SO2	NOx							
Month	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3							
Oct'24	84.24	26.39	18.74	21.85							
Nov'24	84.04	33.8	20.2	23.98							
Dec'24	77.33	29.63	18.89	23.49							
Jan'25	81.7	29.91	25.13	27.41							
Feb'25	78.24	27.49	22.59	24.83							
Mar'25	83.3	32.33	21.23	24.61							

Location 3 : CLB M	ocation 3 : CLB Main Building										
	PM10	PM2.5	SO2	NOx							
Month	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3							
Oct'24	82.41	27.64	19.43	22.4							
Nov'24	83.89	33.74	20.83	24.2							
Dec'24	79.2	30.36	20.65	22.44							
Jan'25	83.76	30.94	23.48	25.34							
Feb'25	80.78	28.16	22.79	24.86							
Mar'25	83.15	31.26	20.25	23.19							







**Annexure-6** 

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

Teel Derei	53452500001160F			Der		• D-+		1	04/02/2	000		
Test Repo		-	5/02/AIL-J/A-004		ort Issu				$\frac{04}{03}$			
	equest form No.:	-	RF/02/004		vice Req				03/02/2		102/00	
Sample ID		-	/A-25/02/004		d Data S	neet	NO.		URA/FC	0S/A-25	/02/00	4
Name & A	Add. of Customer	-	ARTI INDUSTRIES L			0 0						
			O. 756/2 A&B, 756,			,						
				56/6, 756/7, 756/8+9, 778 & 779, JHAGADIA, DIST-BHARUCH, GUJARAT								
Datas of (	Compling			Date of Testing 04/02/2025								
	Sampling:	03/02/2		Date	e or rest	ing			04/02/2	2025		
	Procedure:		CPCB Guidelines	Neer D		2/5-	f	-)				
	of Sampling / Monito		AAQM station - 1				-	-	٥C	<b>A</b>	22	٥C
			Temp.:	Min.:		°C	Max.:	28	-	Avg.:	22	-
Sampling : I Details of Master Instrument Used for			Rel. Humidity:	Min.:	24	%	Max.:	58	%	Avg.:	43	%
	rument Id No.		rument Name	_	Serial N				i. Date		xt Cali.	
	UERL/AIR/RDS/04 Respirable			_	21010				)3/2024		7/03/2	
	L/AIR/FPS/04		articulate Sampler		21020	)2145		28/0	3/2024	2	7/03/2	025
	al Sampling / Monit	-	-	CB Guid								
Sr. No.			iption		Unit of measurement					Ob	servati	on
1.	Monitoring Dur	3164					h				24.19	
2.	Flow Rate of PN Volume of Air S	19-10-10-10-10-10-10-10-10-10-10-10-10-10-	<b>D</b> 14			- her	m <sup>3</sup> /min				1.15	
3.	Volume of Air S					2				1000		
4						-	m <sup>3</sup>	and an		1	1669.1	
4.	Volume of Air S	ampled f	or PM <sub>2.5</sub>	5.00	Dela		m <sup>3</sup>	40.44	- 20/		1669.1 24.2	
Enviro	Volume of Air Sonmental Conditions	ampled f	or PM <sub>2.5</sub>	5 °C,	Rela	tive H		40 to !	52%			
Enviro Test Pa	Volume of Air S onmental Conditions arameter Results	ampled f during to	or PM <sub>2.5</sub>				m³ lumidity:	Saulan.				
Enviro Test Pa DISCIPLIN	Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST	ampled f during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ±	NAME C	DF GROL		m <sup>3</sup> lumidity: <b>\TMOSPH</b>	ERIC F	POLLUTI	ON	24.2	od
Enviro Test Pa DISCIPLIN Sr. No.	Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para	ampled f during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit	NAME C	OF GROU sult		m <sup>3</sup> Iumidity: NTMOSPH Permissi	ERIC F	POLLUTI	ON Test	24.2 t Meth	
Enviro Test Pa DISCIPLIN Sr. No. 1.	Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter	ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup>	NAME C Re	DF GROU sult 8.8		m <sup>3</sup> lumidity: TMOSPH Permissi 1(	IERIC F ble Lir 00	POLLUTI	ON Tes IS: 518	24.2 t <b>Meth</b> 32 (Par	t 23)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2.	Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 72	<b>DF GROL</b> sult 8.8 6.8		m <sup>3</sup> lumidity: TMOSPH Permissi 10 6	ERIC F ble Lir 00 0	POLLUTI	ON Test IS: 518 IS 518	24.2 t <b>Meth</b> 32 (Par	t 23) : 24)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S onmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 73 20 13	DF GROL sult 8.8 6.8 8.7		m <sup>3</sup> lumidity: TMOSPH Permissi 1( 6 8	IERIC F ble Lir DO O O	POLLUTI	ON Test IS: 518 IS 518 IS: 51	24.2 : <b>Meth</b> 32 (Par 32 (Par 82 (Par	t 23) : 24) rt 2)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S onmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 72 20 11 21	DF GROU sult 8.8 6.8 8.7 1.1	JP – 4	m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8	ERIC F ble Lir 00 0 0 0	POLLUTI	ON Test IS: 511 IS 518 IS: 51 IS: 51	24.2 t <b>Meth</b> 32 (Par 32 (Par 82 (Pa 82 (Pa	t 23) : 24) rt 2) rt 6)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5.	Volume of Air S Volume of Air S Vertical Conditions Vertical Conditio	ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 73 20 14 21 8DL (M	DF GROU sult 8.8 6.8 8.7 1.1 1.1 10L:5.0)	JP – A	m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8 8 8	IERIC F ble Lir 00 0 0 0 30	POLLUTI	ON Test IS: 518 IS: 518 IS: 51 IS: 51 IS: 51	24.2 <b>Meth</b> 32 (Par 32 (Par 82 (Pa 82 (Pa 82 (Pa	t 23) : 24) rt 2) rt 6) rt 9)
<ul> <li>Enviro</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> </ul>	Volume of Air S primental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 73 20 13 21 8DL (M BDL (M	DF GROL sult 8.8 6.8 8.7 1.1 1.1 10L:5.0) 10L:5.0)		m <sup>3</sup> lumidity: YErmissi 10 6 8 8 8 18 40	ERIC F ble Lir 0 0 0 0 30 00	POLLUTI	ON Test IS: 512 IS: 512 IS: 51 IS: 51 IS: 512	24.2 <b>Meth</b> 32 (Part 32 (Part 82 (Pa 82 (Pa 82 (Pa 82 (Pa 82 (Pa	t 23) : 24) rt 2) rt 6) rt 9) t 25)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S mmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C Re 73 20 13 22 8DL (M BDL (M BDL (M	DF GROU sult 8.8 6.8 8.7 1.1 10L:5.0) 10L:5.0) 10L:1.0)		m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8 8 18 40 40 2	ERIC F ble Lir 0 0 0 0 0 30 00 .0	POLLUTI	ON Tesi IS: 518 IS: 518 IS: 51 IS: 51 IS: 518 IS: 518 IS: 518	24.2 <b>Meth</b> 32 (Par 32 (Par 82 (Pa 82 (Pa 82 (Pa 32 (Par 32 (Par	t 23) : 24) rt 2) rt 6) rt 9) t 25) t 10)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8.	Volume of Air S primental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C           Re           73           20           13           21           BDL (N           BDL (N           BDL (N           BDL (N	DF GROL sult 8.8 6.8 8.7 1.1 1DL:5.0) 1DL:5.0) 1DL:1.0) 1DL:0.5)		m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8 8 8 18 18 40 2 1	DERIC F ble Lir 0 0 0 0 30 00 .0 .0	POLLUTI	ON Test IS: 518 IS: 518 IS: 51 IS: 51 IS: 518 IS: 518 IS: 518	24.2 t <b>Meth</b> 32 (Par 32 (Par 32 (Par 32 (Par 32 (Par 32 (Par	t 23) t 24) t 2) t 6) t 9) t 25) t 10) t 22)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Volume of Air S Volume of Air S Vertical Conditions Vertical Conditio	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub> (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C           Re           73           20           11           21           BDL (M	DF GROL esult 8.8 6.8 8.7 1.1 4DL:5.0) 4DL:5.0) 4DL:1.0) 4DL:0.5)		m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 18 40 2, 1, 5	ERIC F ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POLLUTI	ON Test IS: 518 IS: 51 IS: 51 IS: 51 IS: 518 IS: 518 IS: 518 IS: 518	24.2 <b>Meth</b> 32 (Part 32 (Part) 32 (Par	t 23) : 24) (t 2) (t 6) (t 9) (t 25) (t 10) (t 22) (t 11)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Volume of Air S primental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub> (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C           Re           73           21           11           22           13           21           BDL (M	DF GROL sult 8.8 6.8 8.7 1.1 10L:5.0) 10L:5.0) 10L:5.0) 10L:0.5) 10L:0.1)		m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 40 2, 1, 5, 5, 1	ERIC F ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POLLUTI	ON Tess IS: 518 IS: 518 IS: 511 IS: 511 IS: 511 IS: 511 IS: 511 IS: 511 IS: 511 IS: 511	24.2 <b>Meth</b> 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part 32 (Part) 32 (Pa	t 23) t 24) t 2) t 6) t 9) t 25) t 10) t 22) t11) t 12)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Volume of Air S primental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub> (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME C           Re           73           20           13           21           14           22           BDL (M	DF GROL sult 8.8 6.8 8.7 1.1 4DL:5.0) 4DL:5.0) 4DL:1.0) 4DL:0.1) 4DL:0.1) 4DL:0.1)		m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8 8 18 2 2 1 1 5 5 1 1 2	ERIC F ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POLLUTI	ON Tesi IS: 511 IS: 512 IS: 512 IS IS IS IS IS IS IS IS IS IS	24.2 <b>Meth</b> 32 (Par 32 (Par	t 23) : 24) : 24) rt 2) rt 6) rt 9) t 25) t 10) t 22) t 11) t 12) t 12) t 26)
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Volume of Air S primental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel Arsenic	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub> (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME C           Re           73           20           13           21           BDL (N	DF GROL sult 8.8 6.8 8.7 1.1 4DL:5.0) 4DL:5.0) 4DL:1.0) 4DL:0.1) 4DL:0.1) 4DL:0.1) 4DL:1.0)		m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 2 10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	ERIC F ble Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POLLUTI	ON Test IS: 511 IS: 512 IS: 511 IS: 511 IS: 512 IS: 512 IS	24.2 t <b>Meth</b> 32 (Par 32 (Par	t 23) (1 2) (1 2) (1 2) (1 3) (1 2) (1 3) (1
Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Volume of Air S primental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub> (CO) aP)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> µg/m <sup>3</sup>	NAME C           Re           73           20           11           21           BDL (M           BDL (M	DF GROL sult 8.8 6.8 8.7 1.1 4DL:5.0) 4DL:5.0) 4DL:1.0) 4DL:0.1) 4DL:0.1) 4DL:0.1)		m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 2 10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	ERIC F ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POLLUTI	ON Tesi IS: 518 IS: 518 IS	24.2 <b>Meth</b> 32 (Par 32 (Par	t 23) (1 2) (1

Remarks:

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit. \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

R. D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Judips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001: 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

#### **TEST REPORT** \_ \_ \_ \_ \_ \_ \_ \_ \_

		(AMBIENT A	IR MONI	TORIN	G)						
Test Report No.:	URA/25	5/02/AIL-J/A-004	Repo	rt Issu	e Dat	e		04/03/2025			
Service Request form No.:	URA/SR	F/02/004	Servio	e Req	uest	Date		03/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/004	Field	Data S	heet	No.		URA/FD	S/A-25/	02/00	4
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	/IITED.								
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	5/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of Sampling:	03/02/2	2025	Date	of Test	ing			04/02/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 1 N	Near PDA	A Gate	2 (Sa	fety offic	e)				
Environmental Conditions du	ring	Temp.:	Min.:	18	٥C	Max.:	28	٥C	Avg.:	22	٥C
Sampling :		Rel. Humidity:	Min.:	24	%	Max.:	58	%	Avg.:	43	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	t Cali.	Date
UERL/AIR/RDS/04	Respira	able Dust Sampler		21010	)3157	1	28/03/2024		27	7/03/2	025
UERL/AIR/FPS/04 Fine Particulate Sampler 210202145 28/03/2024 27/03/2025											
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.19
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.15
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1669.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
Environi	mental Conditions during testing : Temp : 25 + 5 °C	Relative Humidity: 40 to 52%	

Environmental Conditions

 $\triangleright$ **Test Parameter Results** 

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	17.7		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

D. Gohl

**Rajnish Gohil** (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC15	3452500001161F												
Test Repor	rt No.:	URA/25	5/02/A	L-J/A-005	Re	port Issu	e Dat	е	(	04/03/2025			
Service Re	quest form No.:	URA/SR	F/02/0	05	Sei	vice Req	uest	Date	(	06/02/2	2025		
Sample ID	No.:	URA/ID	/A-25/0	02/005	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/00	5
Name & A	dd. of Customer	M/s. A	ARTI IN	DUSTRIES L	IMITED	•							
			-	′2 A&B, 756		-							
				6/6, 756/7,									
				IHAGADIA, I	IAGADIA, DIST-BHARUCH, GUJARAT								
Dates of Sa		06/02/2			Da	te of Tes	ting			07/02/2	2025		
Sampling P				uidelines									
	f Sampling / Monito	-		A station - 2							r		
			Temp		Min		°C	Max.:	28	°C	Avg.:	21	٥C
Sampling :				lumidity:	Min	.: 20	%	Max.:	54	%	Avg.:	34	%
Details of Master Instrument Used for Monitoring													
	iment ld No.			t Name		Serial N				. Date		t Cali.	
-	/AIR/RDS/05			st Sampler		15040				3/2024		/03/2	
-	/AIR/FPS/05			te Sampler		2102	02144	•	28/0	3/2024	27	/03/2	025
	I Sampling / Monit			on as per Cl	PCB Gui						-		
Sr. No.			iption			Unit of measurement				Observation		on	
1.	Monitoring Dur	2100	1			h					23.97		
2.	Flow Rate of PN					m <sup>3</sup> /min					1.13		
<u>3.</u> 4.	Volume of Air S Volume of Air S				1	m <sup>3</sup>					625.2		
	mental Conditions			-	E 9C	Pole	tivo L	lumidity:	10 to 5	20/		24.0	
	rameter Results	uuring te	esting.	1emp 25 1	. J C,	Rela	live	iunnunty.	40 10 5	5270			
	E – CHEMICAL TEST	ING	hma	nt and D	NAME	OF GRO		атмозрн					
Sr. No.	Test Para	POIL 6 11 /		Unit		esult	00	Vie Lokalo	ALL PARTY	100		Moth	- d
										le Limit		Test Method	
1.	Particulate Matter			μg/m <sup>3</sup>		79.1		100				5182 (Part 23)	
2.	Particulate Matter	PIVI2.5		μg/m <sup>3</sup>		28.8			0		IS 518		
3.	Sulphur Dioxide			μg/m <sup>3</sup>		18.8			0		IS: 518		
4.	Nitrogen Dioxide			μg/m <sup>3</sup>		21.7			0		IS: 5182 (Part IS: 5182 (Part		
5.	Ozone			$\mu g/m^3$		11.9			30			•	
6.	Ammonia (NH <sub>3</sub> )	(60)		μg/m <sup>3</sup>		12.2			00		IS: 518		
7.	Carbon Monoxide	(0)		mg/m <sup>3</sup>		MDL:1.0			.0		IS: 518	•	
8.	Lead (Pb)			μg/m <sup>3</sup>	-	MDL:0.5			.0		IS: 518		
9.	Benzene	<u> </u>		μg/m <sup>3</sup>	-	MDL:1.0			.0		IS: 518		
10.	Benzo(a)Pyrene (B	аР)		ng/m <sup>3</sup>	-	MDL:0.1			.0		IS: 518		
11.	Nickel			ng/m <sup>3</sup>	-	MDL:1.0			0		IS: 518		
12.	Arsenic			ng/m <sup>3</sup>		MDL:1.0			.0		IS: 5182 (Part 22		
13.	Chlorine (Cl <sub>2</sub> )			μg/m <sup>3</sup>		MDL:2.0			-		IS: 5182 (Part 19)		
14.	Volatile Organic Co	mpound		µg/m³	BDL (	MDL:1.0	)		-		IS: 518	2 (Part	11)
Remarks:													

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-005	Repo	rt Issu	e Dat	е		04/03/2025			
Service Request form No.:	URA/SF	F/02/005	Servio	e Req	uest	Date		06/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/005	Field	Data S	heet	No.		URA/FD	)S/A-25/	02/00	5
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	AITED.								
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	5/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT											
Dates of Sampling:	06/02/2	2025	Date	of Test	ing			07/02/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 2 M	Near Sec	urity G	iate (	Hydrogei	n Plan	t)			
Environmental Conditions du	ring	Temp.:	Min.:	14	٥C	Max.:	28	٥C	Avg.:	21	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	20	%	Max.:	54	%	Avg.:	34	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	ct Cali.	Date
UERL/AIR/RDS/05	Respira	able Dust Sampler	:	15040	3D07	2	28/03/2024		27	27/03/2025	
UERL/AIR/FPS/05	Fine Pa	articulate Sampler		21020	)2144	↓	28/	03/2024	27	7/03/2	025
General Sampling / Monitoring Observation as per CPCB Guideline											
						-					

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.97
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1625.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
Environi	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

OFW-LCT	53452500001162F											
Test Rep	ort No.:	URA/2	5/02/AIL-J/A-006	Re	port Issu	e Dat	е		04/03/2025			
Service R	Request form No.:	URA/SF	RF/02/006	Ser	vice Req	uest	Date		03/02/2	2025		
Sample I	D No.:	URA/ID	/A-25/02/006	Fie	ld Data S	heet	No.		URA/FD	S/A-25/	/02/00	6
Name & /	Add. of Customer	M/s. A	ARTI INDUSTRIES LII	MITED								
		PLOT N	O. 756/2 A&B, 756/	3 A&B,	756/4 A	&В,						
		756/5 A	&B, 756/6, 756/7, 7	756/8+	9, 778 &	779,						
				HAGADIA, DIST-BHARUCH, GUJARAT								
	Sampling:	03/02/2		Date of Testing 04/02/2025								
	g Procedure:		CPCB Guidelines									
Location	of Sampling / Monit	oring:	AAQM station - 3	Near C	LB Plant							
Environm	nental Conditions du	ring	Temp.:	Min	.: 18	٥C	Max.:	28	<sup>0</sup> C	Avg.:	22	<sup>0</sup> C
Sampling : F			Rel. Humidity:	Min	.: 24	%	Max.:	58	%	Avg.:	43	%
<ul> <li>Detail</li> </ul>	ls of Master Instrum	ent Used	for Monitoring	•								
Inst	Instrument Id No. Instrume				Serial N	lumb	er		i. Date		kt Cali.	Date
UERL/AIR/RDS/06 Respirable I			able Dust Sampler		15040	3D06	2	28/0	)3/2024	27	7/03/2	025
UER	RL/AIR/FPS/06	Fine Pa	articulate Sampler		21020	)2149		28/0	)3/2024	27	7/03/2	025
Gener	ral Sampling / Monit	toring Ob	servation as per CP	CB Gui	deline							
Sr. No.	Sr. No. Description				Unit of measurement					Obs	ervati	on
1.	Monitoring Du		10			h				24.45		
2.	Flow Rate of PI					m <sup>3</sup> /min				1.12		
3.	Volume of Air S	Volume of Air Sampled for PM <sub>1</sub>			3	and a	m <sup>3</sup>	- 48		1	L643.0	
4.	Volume of Air S	Sampled f	or PM <sub>2.5</sub>			1 1	m <sup>3</sup>				24.5	
	onmental Conditions	s during t	esting :Temp.: 25 ± !	5 °C,	Rela	tive H	lumidity:	40 to .	52%			
Test P	Parameter Results	<u> </u>				- 6		See of	1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -			
DISCIPLIN	NE – CHEMICAL TEST	ING	<u>nmen 200 F</u> (	NAME	OF GROU	JP – 4	TMOSPH	ERIC F	POLLUTI	ON		
Sr. No.	Test Para	meter	Unit	R	esult		Permissi	ble Lir	nit	Test	Meth	od
1.	Particulate Matte	r <b>PM</b> 10	μg/m <sup>3</sup>	-	79.2		10	)0			IS: 5182 (Part 23	
2.	Particulate Matte	r PM2.5	μg/m³		22.9		6	0		IS 518	2 (Part	: 24)
3.	Sulphur Dioxide		μg/m³		24.3		8	0	IS: 5182		82 (Pai	rt 2)
4.	Nitrogen Dioxide		μg/m³	-	27.8		8	0		IS: 51	82 (Pai	rt 6)
5.	Ozone		μg/m³	BDL (	MDL:5.0)		18	30		IS: 51	82 (Pai	rt 9)
6.	Ammonia (NH <sub>3</sub> )		μg/m <sup>3</sup>	BDL (	MDL:5.0)		40	00		IS: 518	2 (Par	t 25)
	Carbon Monoxide	(CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0)		2.	.0		IS: 518	2 (Par	t 10)
7.				BDL (MDL:0.5)			1.0				IS: 5182 (Part 2	
	Lead (Pb)	()		BDL (	MDL:0.5)		1.	0		IS: 518	oz (Par	
7.		<u> </u>	μg/m <sup>3</sup> μg/m <sup>3</sup>		MDL:0.5) MDL:1.0)			.0 .0		IS: 518		
7. 8.	Lead (Pb)	· ·	μg/m <sup>3</sup>	BDL (			5.				32 (Par	t11)
7. 8. 9.	Lead (Pb) Benzene	· ·	μg/m <sup>3</sup> μg/m <sup>3</sup> ng/m <sup>3</sup>	BDL ( BDL (	MDL:1.0)		5. 1.	.0		IS: 518	32 (Par 32 (Par	t11) t 12)
7. 8. 9. 10.	Lead (Pb) Benzene Benzo(a)Pyrene (E	· ·	μg/m <sup>3</sup> μg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	BDL ( BDL ( BDL (	MDL:1.0) MDL:0.1) MDL:1.0)		5. 1. 2	.0 .0		IS: 518 IS: 518	82 (Par 82 (Par 82 (Par	t11) t 12) t 26)
7. 8. 9. 10. 11.	Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel	· ·	μg/m <sup>3</sup> μg/m <sup>3</sup> ng/m <sup>3</sup>	BDL ( BDL ( BDL ( BDL (	MDL:1.0) MDL:0.1)		5. 1. 2 6.	.0 .0 0		IS: 518 IS: 518 IS: 518	32 (Par 32 (Par 32 (Par 32 (Par 32 (Par	t11) t 12) t 26) t 22)
7. 8. 9. 10. 11. 12.	Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel Arsenic	BaP)	μg/m³           μg/m³           ng/m³           ng/m³           ng/m³           μg/m³           μg/m³	BDL ( BDL ( BDL ( BDL ( BDL (	MDL:1.0) MDL:0.1) MDL:1.0) MDL:1.0)		5. 1. 2 6.	0 0 0 0 -		IS: 518 IS: 518 IS: 518 IS: 518	32 (Par 32 (Par 32 (Par 32 (Par 32 (Par 32 (Par	t11) t 12) t 26) t 22) t 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT

			(AMBIENT A	IR MON	ITORIN	IG)						
Test Report No.:		URA/25	5/02/AIL-J/A-006	Repo	ort Issu	e Dat	е		04/03/2	2025		
Service Request form	No.:	URA/SR	F/02/006	Serv	Service Request Date			03/02/2025				
Sample ID No.:		URA/ID	/A-25/02/006	Field	Data S	heet	No.		URA/FD	S/A-25/	02/00	6
Name & Add. of Custo	mer	M/s. A	ARTI INDUSTRIES LIN	/ITED.								
		PLOT N	O. 756/2 A&B, 756/3	3 A&B, 7	56/4 A	&В,						
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,											
GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT												
Dates of Sampling:		03/02/2	03/02/2025 Date of Testing 04/02/2025									
Sampling Procedure:		As per 0	CPCB Guidelines									
Location of Sampling /	Monito	oring:	AAQM station - 3	Near CL	B Plant							
Environmental Conditi	ons dur	ing	Temp.:	Min.:	18	٥C	Max.:	28	°C	Avg.:	22	٥C
Sampling :			Rel. Humidity:	Min.:	24	%	Max.:	58	%	Avg.:	43	%
Details of Master In	nstrume	ent Used	for Monitoring									
Instrument Id No		Inst	rument Name		Serial N	lumb	er	Ca	ili. Date	Nex	ct Cali.	Date
UERL/AIR/RDS/06	j	Respira	able Dust Sampler		15040	3D06	2	28/03/2024		27	7/03/2	025
UERL/AIR/FPS/06		Fine Pa	rticulate Sampler	210202149 28/03/2024 27/03/				//03/2	025			
General Sampling /	Monit	oring Obs	servation as per CPC	B Guide	eline							
Sr. No. Description				Unit of measurement Observat				ervati	on			

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.45
2.	Flow Rate of PM <sub>10</sub>	// m³/min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1643.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5
Environi	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC1534	52500001166F												
Test Report	No.:	URA/25	5/02/AI	L-J/A-010	Re	oort Issu	e Dat	е		04/03/2	2025		
Service Requ	uest form No.:	URA/SR	F/02/0	10	Sei	vice Req	uest	Date		06/02/2	2025		
Sample ID N	o.:	URA/ID	/A-25/0	02/010	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	/02/01	0
Name & Add	I. of Customer	M/s. AA	ARTI IN	DUSTRIES L	IMITED								
			-	2 A&B, 756		-							
				6/6, 756/7,									
				HAGADIA, I				RAT					
Dates of Sam		06/02/2						07/02/2025					
Sampling Pro				uidelines									
	Sampling / Monito	-		A station - 1	1								
	tal Conditions dur	ing	Temp		Min		٥C	Max.:	28	٥C	Avg.:	21	٥C
Sampling :	-			umidity:	Min	.: 20	%	Max.:	54	%	Avg.:	34	%
	Master Instrume								1		1		
	ient Id No.			t Name		Serial N				i. Date		t Cali.	
	IR/RDS/04			st Sampler			03157			03/2024		7/03/2	
-	IR/FPS/04			e Sampler		2102	02145		28/0	03/2024	27	7/03/2	025
	Sampling / Monito			on as per CF	PCB Gui								
Sr. No.			iption			Unit of measurement					Observation		on
1.	Monitoring Dura	10	-	No.		h m <sup>3</sup> /min					23.95 1.09		
2.	Flow Rate of PM						-	m <sup>3</sup> /min			1.09		
3.	Volume of Air Sa				1		1	m <sup>3</sup> m <sup>3</sup>	Second Second		Maria and		
<u>4.</u>	Volume of Air Sa				F 0C	Dela			10.1-	520/	24.0		
	ental Conditions meter Results	during te	esting :	1emp.: 25 ±	5°C,	Rela	ative F	lumidity:	40 to	52%			
	- CHEMICAL TEST		ABBA	nt and D	NAME			атмозрн					
			HIIIG	IL GILL R	1000			Who list his	Name of				
Sr. No.	Test Parar	neter		Unit	R	esult		Permissi	ble Lii	nit	Test	Meth	bd
	articulate Matter	PM10		µg/m³		73.2		10	00		IS: 518		,
	articulate Matter	PM2.5		µg/m³		22.9		6	0		IS 518		
	ulphur Dioxide			µg/m³		27.3		8	0			82 (Par	,
	litrogen Dioxide			µg/m³		31.3		8	0		IS: 5182 (Par		
	zone			µg/m³	-	MDL:5.0		18	80		IS: 5182 (Pa		,
	mmonia (NH₃)			µg/m³		MDL:5.0		40	00		IS: 518		
	arbon Monoxide	(CO)		mg/m³		MDL:1.0		2	.0		IS: 518		,
	ead (Pb)			µg/m³		MDL:0.5		1	.0		IS: 518		
9. B	enzene			µg/m³		MDL:1.0		5	.0	0		5182 (Part11)	
	enzo(a)Pyrene (Ba	aP)		ng/m <sup>3</sup>	BDL (	MDL:0.1	)	1	.0		IS: 5182 (Part 1		
11. N	lickel			ng/m <sup>3</sup>	BDL (	MDL:1.0	)	2	0		IS: 5182 (Part 2		t 26)
12. A	rsenic			ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6.0		IS: 5182 (Pa		2 (Par	t 22)
	hlorine (Cl <sub>2</sub> )			µg/m³		4.9		-	-		IS: 518		
14. V	olatile Organic Co	mpound		µg/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Part	:-11)
Remarks:													

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT

		(AMBIENT A		TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-010	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/010	Servio	e Req	uest	Date		06/02/2025			
Sample ID No.:	URA/ID	/A-25/02/010	Field	Data S	heet	No.		URA/FD	S/A-25/	/02/01	0
Name & Add. of Customer	M/s. A	I/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	_OT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	56/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	06/02/2	2025	Date	of Test	ing			07/02/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 1 N	Near PDA	Gate	2 (Sa	fety offic	e)				
Environmental Conditions du	ring	Temp.:	Min.:	14	٥C	Max.:	28	٥C	Avg.:	21	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	20	%	Max.:	54	%	Avg.:	34	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	ct Cali.	Date
UERL/AIR/RDS/04	Respira	Respirable Dust Sampler         210103157         28/03/2024         27/03/2025									
UERL/AIR/FPS/04	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025										
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.95
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1566.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
Environr	mental Conditions during testing : Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION							
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method					
1.	Hydrochloric Acid (HCl)	µg/m³	9.0		UERL/AIR/SOP/07					
Remarks:	Remarks:									

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

	53452500001167F											
Test Repo	ort No.:	URA/25	5/02/AIL-J/A-011	Rep	oort Issu	e Dat	e		04/03/2	2025		
Service Re	equest form No.:	URA/SR	F/02/011	Ser	vice Req	uest l	Date		10/02/2	2025		
Sample ID			/A-25/02/011		ld Data S	heet	No.		URA/FD	S/A-25/	02/01	1
Name & A	Add. of Customer	PLOT N	<b>ARTI INDUSTRIES L</b> O. 756/2 A&B, 756 \&B, 756/6, 756/7,	/3 A&B,	756/4 A							
		GIDC ES	STATE, JHAGADIA,	DIST-BH/	ARUCH,	GUJAF	RAT					
Dates of S	Sampling:	10/02/2	2025	5 Date of Testing 11/02/2025					/2025			
	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	AAQM station - 2	2 Near S	ecurity (		Hydroger	n Plant				
	ental Conditions du	ring	Temp.:	Min.		٥C	Max.:	31	<sup>0</sup> C	Avg.:	23	<sup>0</sup> C
Sampling			Rel. Humidity:	Min.	.: 19	%	Max.:	75	%	Avg.:	41	%
Details	s of Master Instrum	ent Used	for Monitoring									
	ument Id No.	Inst	rument Name		Serial N	lumb	er		. Date		t Cali.	
	L/AIR/RDS/05		able Dust Sampler		15040				3/2024		7/03/2	
	L/AIR/FPS/05		irticulate Sampler		2102	)2144		28/0	3/2024	27	7/03/2	025
	al Sampling / Monit			PCB Guio					r			
Sr. No.	and the second se		iption 🔪		U	nit of	measure	ement		Observation		on
1.	Monitoring Dur	3164			h				24.49			
<u> </u>	Flow Rate of PN					m <sup>3</sup> /min					1.18	
2.	and the second sec											
3.	Volume of Air S	ampled f					m³			1	733.9	
3. 4.	Volume of Air S Volume of Air S	ampled for ampled for a	or PM <sub>2.5</sub>	5.00			m <sup>3</sup> m <sup>3</sup>		204	1		
3. 4. > Enviro	Volume of Air S Volume of Air S nmental Conditions	ampled for ampled for a	or PM <sub>2.5</sub>	: 5 °C,	Rela		m³	40 to 5	52%	1	733.9	
3. 4. Enviro Test Pa	Volume of Air S Volume of Air S nmental Conditions arameter Results	ampled for ampled for during to	or PM <sub>2.5</sub>			itive H	m <sup>3</sup> m <sup>3</sup> lumidity:	Sec. 1	No.		733.9	
3. 4. Enviro Test Pa DISCIPLIN	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST	ampled f ampled f during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ±	NAME	OF GRO	itive H	m <sup>3</sup> m <sup>3</sup> lumidity:	IERIC P	OLLUTI	1	733.9 24.5	
3. 4. Enviro Test Pa DISCIPLIN Sr. No.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para	ampled f ampled f during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit	NAME	OF GRO esult	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: <b>\TMOSPH</b> Permissi	IERIC P	OLLUTI	1 ON Test	.733.9 24.5 Metho	
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter	ampled f ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup>	NAME Re	OF GRO esult 32.6	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: \TMOSPH Permissi 1	IERIC P ble Lin	OLLUTI	1 ON Test IS: 518	.733.9 24.5 <b>Metho</b> 2 (Part	: 23)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1. 2.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	ampled f ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re	<b>OF GRO</b> esult 32.6 26.9	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 1 6	IERIC F ble Lin 00	OLLUTI	1 ON Test IS: 518 IS 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part	: 23) 24)
3. 4. Tenviro Test Pa DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Sulphur Dioxide	ampled f ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME Re 2 2	<b>OF GRO</b> esult 32.6 26.9 20.8	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8	IERIC F ble Lin 00 60 60	OLLUTI	0N Test IS: 518 IS: 518 IS: 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part 32 (Par	: 23) 24) t 2)
3. 4. Enviror Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled f ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8	IERIC F ble Lin 00 00 00 00	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part 32 (Par	: 23) 24) t 2) t 6)
3. 4. • Environ • Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	ampled f ampled f during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1	itive H	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 1( 6 8 8 8 8 1( 1)	IERIC F ble Lin 00 00 00 00 80	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	t 23) 24) t 2) t 6) t 9)
3. 4. ► Environ ► Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re 2 2 2 2 2 2 2 1	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0	JP – A	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8 11 4	HERIC F ble Lin 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part	23) 24) t 2) t 6) t 9) 25)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0	JP – A	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IERIC F ble Lin 50 50 50 50 80 80 80 90 1.0	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	733.9 24.5 <b>Metho</b> 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10)
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:0.5	JP – A	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 11 4 4 4 4 4 1 1 1	IERIC F ble Lin 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 10)
3. 4. <b>Enviro</b> <b>Test Pa</b> <b>DISCIPLIN</b> <b>Sr. No.</b> 1. 2. 3. 4. 5. 6. 7. 8. 9.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME Re 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:1.0		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 1 6 8 8 8 8 1 1 4 4 4 1 5	IERIC F ble Lin 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	1 ON Test IS: 518 IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t 10) 22) t 11)
3. 4. <b>Enviro</b> <b>Test Pa</b> <b>DISCIPLIN</b> <b>Sr. No.</b> 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:1.0 MDL:0.1		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 1 6 8 8 1 4 4 4 4 4 4 1 5 1 1	IERIC F ble Lin 00 30 30 30 30 30 30 30 30 30 30 30 30	OLLUTI	1 ON Test IS: 518 IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) t11) 12)
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME R( 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:1.0 MDL:0.1 MDL:1.0		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 11 6 8 11 12 11 12 11 2	IERIC F ble Lin 00 00 00 00 00 00 .0 .0 .0 .0 .0 .0 .0	OLLUTI	1           ON           IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 10) 22) t11) 12) 26)
3. 4. Environ Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Volume of Air S Volume of Air S Nmental Conditions arameter Results IE – CHEMICAL TEST Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel Arsenic	ampled f ampled f during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME R 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:1.0 MDL:1.0 MDL:1.0		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 11 6 11 1 5 1 1 2 6	IERIC F ble Lin 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	1 ON Test IS: 518 IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 12) 26) 22) 22)
3. 4. Fenviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	ampled fr ampled fr during to iNG meter PM <sub>10</sub> PM <sub>2.5</sub> (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME R( 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 32.6 26.9 20.8 23.1 9.1 12.0 MDL:1.0 MDL:1.0 MDL:0.1 MDL:1.0		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 11 6 11 1 5 1 1 2 6	IERIC F ble Lin 00 00 00 00 00 00 .0 .0 .0 .0 .0 .0 .0	OLLUTI	1           ON           IS: 518	733.9 24.5 Metho 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) 22) t 2) t 6) t 9) 22) t 10) 22) t 11) 12) 26) 22) 22) 22) 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Judips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001: 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

#### **TEST REPORT** \_ \_ \_ \_ \_ \_ \_ \_ \_

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-011	Repo	rt Issu	e Dat	е		04/03/2025			
Service Request form No.:	URA/SF	F/02/011	Servio	e Req	uest	Date		10/02/2025			
Sample ID No.:	URA/ID	/A-25/02/011	Field	Data S	heet	No.		URA/FD	)S/A-25/	/02/01	1
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	AITED.								
	PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	56/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	10/02/2	2025	Date	of Test	ting			11/02/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 2 M	Near Sec	urity G	ate (	Hydrogei	n Plan	t)			
Environmental Conditions du	ring	Temp.:	Min.:	15	٥C	Max.:	31	٥C	Avg.:	23	٥C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	75	%	Avg.:	41	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/05	Respira	Respirable Dust Sampler         150403D072         28/03/2024         27/03/2025									
UERL/AIR/FPS/05	JERL/AIR/FPS/05 Fine Particulate Sampler 210202144 28/03/2024 27/03/2025										
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.49
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1733.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5
Fnvironi	mental Conditions during testing : Temp : 25 + 5 °C	Relative Humidity: 40 to 52%	

Environmental Conditions

 $\triangleright$ **Test Parameter Results** 

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION							
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method					
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07					
Remarks:										

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl **Rajnish Gohil** (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001168F														
Fest Report No.:	URA/2	5/02/AIL-J	/A-012	Re	oort Issu	e Dat	е		04/03/2	2025				
Service Request form No.:	URA/SF	RF/02/012		Ser	vice Req	uest	Date		06/02/2	2025				
Sample ID No.:	URA/ID	/A-25/02/	′012	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/01	2		
Name & Add. of Customer		ARTI INDU												
		0. 756/2 A	,	• •		,								
		A&B, 756/6												
		STATE, JHA	AGADIA,				RAT							
Dates of Sampling:	06/02/		5					07/02/2	2025					
Sampling Procedure:		CPCB Guid												
Location of Sampling / Moni	-	AAQM s	tation -	1										
Environmental Conditions d	uring	Temp.:		Min		٥C	Max.:	28	٥C	Avg.:	21	٥C		
Sampling :		Rel. Hun	-	Min	: 20	%	Max.:	54	%	Avg.:	34	%		
Details of Master Instrur								1						
Instrument Id No.		trument N			Serial N				i. Date		t Cali.			
UERL/AIR/RDS/06	-	able Dust S			15040				03/2024		/03/2			
UERL/AIR/FPS/06		articulate S			21020	02149		28/0	03/2024	27	/03/2	)25		
General Sampling / Mon			as per C	PCB Gui					1					
Sr. No.		ription			U	nit of	measure	ement		Observatio		วท		
1. Monitoring Di	- *316o			- 49			h	-		24.31				
2. Flow Rate of F	-94c.				m <sup>3</sup> /min				1.18 1721.1					
3. Volume of Air					3		m <sup>3</sup> m <sup>3</sup>	Service and		24.4				
4. Volume of Air				F 0C	Dala			10 +-	5.20/	24.4				
Environmental Condition Test Parameter Results	is during t	esting : rei	mp.: 25 2	E5-C,	Rela	ilive r	lumidity:	40 10	52%					
DISCIPLINE – CHEMICAL TES	TING	ha eenae	and D	NAME										
			<u>alu</u> p				Vie Lokale	All Providence						
Sr. No. Test Par			Unit		esult		Permissi	DIE LI	nit		Metho			
1. Particulate Matte			10/		70.9 <b>100</b>						· · · ·		: 5182 (Part 23)	
2. Particulate Matte	er PM <sub>2.5</sub>		ug/m³		20.5			60		IS 5182	· ·			
3. Sulphur Dioxide			ug/m <sup>3</sup>		21.0		-	80	IS: 5182 (P					
4. Nitrogen Dioxide			ug/m <sup>3</sup>		22.8		80		-		82 (Par			
5. Ozone			ug/m <sup>3</sup>		L0.6		180					IS: 518		-
6. Ammonia (NH₃)			ug/m <sup>3</sup>		6.4			00		IS: 518		-		
7. Carbon Monoxid	e (CO)		ng/m <sup>3</sup>		MDL:1.0)		2.0						S: 5182 (Part 10	
8. Lead (Pb)			ug/m <sup>3</sup>		MDL:0.5			.0		IS: 518		,		
9. Benzene			ug/m³	-	MDL:1.0			.0		IS: 518		-		
10. Benzo(a)Pyrene	BaP)		ng/m <sup>3</sup>	-	MDL:0.1			.0		IS: 518				
11. Nickel			ng/m <sup>3</sup>		MDL:1.0			20		IS: 518	•			
12. Arsenic			ng/m <sup>3</sup>		MDL:1.0)	)	6	.0		IS: 518				
13. Chlorine (Cl <sub>2</sub> )			ug/m <sup>3</sup>		3.2					IS: 518	-			
14. Volatile Organic	Compound		ug/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Part	-11)		
Remarks:														

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

# TEST REPORT

			(AMBIENT A	R MO	NITORII	NG)						
Test Report	No.:	URA/25	5/02/AIL-J/A-012	Rep	oort Issu	ie Dat	e		04/03/	04/03/2025		
Service Requ	est form No.:	URA/SF	RF/02/012	Ser	vice Re	quest	Date		06/02/2025			
Sample ID No	0.:	URA/ID	/A-25/02/012	Fiel	d Data	Sheet	No.		URA/F	DS/A-25	/02/01	.2
Name & Add	. of Customer	M/s. A	M/s. AARTI INDUSTRIES LIMITED.									
		PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
		756/5 A	56/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
		GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sam	pling:	06/02/2	2025	Dat	e of Tes	sting			07/02/	2025		
Sampling Pro	cedure:	As per (	CPCB Guidelines									
Location of S	ampling / Monit	oring:	AAQM station - 3 N	lear C	LB Plan	t						
Environment	al Conditions du	ring	Temp.:	Min.	: 14	<sup>0</sup> C	Max.:	28	٥C	Avg.:	21	<sup>0</sup> C
Sampling :			Rel. Humidity:	Min.	: 20	%	Max.:	54	%	Avg.:	34	%
Details of	Master Instrum	ent Used	for Monitoring									
Instrum	ent Id No.	Inst	rument Name		Serial	Numb	er	Ca	ali. Date	Ne	xt Cali.	Date
UERL/AI	IR/RDS/06	Respira	Respirable Dust Sampler 150403D062 28/03/2024 27/03/2025									
UERL/A	UERL/AIR/FPS/06 Fine Particulate Sampler 210202149 28/03/2024 27/03/2025											
General Sampling / Monitoring Observation as per CPCB Guideline												
Sr. No. Description Unit of measurement				t	Ob	servati	on					

Sr. NO.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.31
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1721.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4
Environi	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC153	3452500001172F			•									
Test Report	t No.:	URA/25	5/02/AI	L-J/A-016	Re	port Issu	e Dat	е		04/03/2	2025		
Service Rec	quest form No.:	URA/SR	RF/02/0	16	Sei	vice Rec	uest	Date		10/02/2	2025		
Sample ID I	No.:	URA/ID	/A-25/0	02/016	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25	/02/01	6
Name & Ad	ld. of Customer	M/s. A/	ARTI IN	DUSTRIES L	IMITED								
				2 A&B, 756		•							
				6/6, 756/7,									
			DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of Sa		10/02/2			Da	te of Tes	ting			11/02/2	2025		
Sampling P				uidelines			- 1-						
	Sampling / Monito	-		A station - 1					•	0 -	_		0 -
	ntal Conditions dur	ing	Temp		Min		<sup>0</sup> C	Max.:	31	<sup>0</sup> C	Avg.:	23	<sup>0</sup> C
Sampling :	•			umidity:	Min	.: 19	%	Max.:	75	%	Avg.:	41	%
	of Master Instrume												
	ment Id No.			t Name		Serial N				li. Date		kt Cali.	
	AIR/RDS/04			st Sampler	_		03157			03/2024		7/03/2	
1	AIR/FPS/04			e Sampler			02145		28/	03/2024	2	7/03/2	025
	eneral Sampling / Monitoring Observation as per CPCB Guideline . No. Description Unit of measurement Observation												
1.	r. No.         Description           1.         Monitoring Duration				- 12	h						24.04	on
2.	Flow Rate of PN	21ca				-	m <sup>3</sup> /min				1.08		
3.	Volume of Air S		or PM <sub>10</sub>				_	m <sup>3</sup>				1.08	
4.	Volume of Air S					1	m <sup>3</sup>	And and a second		· · · · · ·	24.1		
	mental Conditions				5 °C.	Rela	ative H	lumidity:	40 to	52%			
	ameter Results								Constant of				
DISCIPLINE	- CHEMICAL TEST	ING	NA MA	n' ann R	NAME	OF GRO	UP – A	TMOSPH	IERIC	POLLUTI	ON		
Sr. No.	Test Para	neter	2000000 <u>8</u> 9	Unit	R	esult	69 V29 1	Permissi	ble Li	mit	Test	Meth	bd
1.	Particulate Matter	PM10		µg/m³	-	79.9		1(	00		IS: 518	32 (Par	t 23)
2.	Particulate Matter	PM2.5		µg/m³		28.4		6	0		IS 518	2 (Part	24)
3.	Sulphur Dioxide			µg/m³		30.7		8	0		IS: 51	82 (Par	t 2)
4.	Nitrogen Dioxide			µg/m³		32.6		8	0		IS: 51	82 (Par	t 6)
	Ozone			µg/m³		10.5		18	80		IS: 51	82 (Par	t 9)
6.	Ammonia (NH₃)			µg/m³		9.8		4(	00		IS: 518	82 (Par	t 25)
7.	Carbon Monoxide	(CO)		mg/m³	BDL (	(MDL:1.0)		2	2.0		IS: 518	82 (Par	t 10)
8.	Lead (Pb)			µg/m³	BDL (	MDL:0.5	)	1	.0		IS: 518	32 (Par	t 22)
	Benzene			µg/m³	BDL (	MDL:1.0	)	5	.0			32 (Par	
10.	Benzo(a)Pyrene (B	aP)		ng/m³	BDL (	MDL:0.1	)	1	.0		IS: 518	82 (Par	t 12)
11.	Nickel			ng/m³	BDL (	MDL:1.0	)	2	0		IS: 518	L82 (Part 26)	
12.	Arsenic			ng/m³	BDL (	MDL:1.0	)	6	.0		IS: 518	82 (Par	t 22)
13.	Chlorine (Cl <sub>2</sub> )			µg/m³	BDL (	MDL:2.0	)	-	-		IS: 518	82 (Par	t 19)
14.	Volatile Organic Co	mpound		µg/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Parl	:-11)
Remarks:													

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

**Note:** This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT

(AMBIENT AIR MONITORING)											
Test Report No.:	URA/25	5/02/AIL-J/A-016	Repo	rt Issu	e Dat	е		04/03/2025			
Service Request form No.:	URA/SF	RF/02/016	Servio	Service Request Date				10/02/2025			
Sample ID No.:	URA/ID	/A-25/02/016	Field	Data S	heet	No.		URA/FDS/A-25/02/016			
Name & Add. of Customer	M/s. A	И/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	&B, 756/6, 756/7, 7	56/8+9,7	778 &	779,						
	GIDC ES	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	10/02/2	.0/02/2025 Date of Testing 11/02/2025									
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	AAQM station - 1 N	Near PDA	Gate	2 (Sa	fety offic	:e)				
Environmental Conditions du	ring	Temp.:	Min.:	15	٥C	Max.:	31	<sup>0</sup> C	Avg.:	23	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	75	%	Avg.:	41	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Ne	kt Cali.	Date
UERL/AIR/RDS/04	Respira	Respirable Dust Sampler 210103157 28/03/2024						2	27/03/2025		
UERL/AIR/FPS/04	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025										
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.04
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1557.8
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
Environr	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iman' gr	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	26.8		UERL/AIR/SOP/07				
Remarks:									

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC1	53452500001173F												
Test Repo	ort No.:	URA/25	5/02/AIL-J/	/A-017	Re	port Issu	e Dat	e	(	04/03/2025			
Service R	equest form No.:	URA/SR	RF/02/017		Ser	vice Req	uest	Date		13/02/2	2025		
Sample I	D No.:	URA/ID	/A-25/02/0	017	Fie	ld Data S	Sheet	No.	I	URA/FD	S/A-25/	02/01	7
Name & A	Add. of Customer	-	ARTI INDUS										
			O. 756/2 A		-	-							
			&B, 756/6										
			STATE, JHA	GADIA, E	1			RAT					
Dates of S		13/02/2			Dat	te of Tes	ting			14/02/2	2025		
	Procedure:		CPCB Guide										
	of Sampling / Monito	-		ation - 2				Hydrogen					
	ental Conditions du	ring	Temp.:		Min		°C	Max.:	31	<sup>0</sup> C	Avg.:	24	٥C
Sampling			Rel. Hum	,	Min	.: 18	%	Max.:	50	%	Avg.:	34	%
	s of Master Instrum			-		<u> </u>							
	ument Id No.		rument Na			Serial N				. Date		t Cali.	
	_/AIR/RDS/05		able Dust S			15040				3/2024		/03/2	
	L/AIR/FPS/05		articulate S				02144		28/0	3/2024	27	/03/2	025
	al Sampling / Monit			as per CP	CB Gui					- T			
Sr. No.			iption			Unit of measurement					Observation		on
1.	Monitoring Duration			1			6	h				24.05	
2.	Flow Rate of PN	10-	DN4		m <sup>3</sup> /min						1.07		
3. 4.	Volume of Air S Volume of Air S							m <sup>3</sup> m <sup>3</sup>	And since			544.0	
	nmental Conditions			nn · 7E +	E. 9C	Pola	ativo L	lumidity:	40 to 5	20/		24.1	
	arameter Results	during to	esting i en	ip 25 ±	5 °C,	Rela	aliver	furnitity.	40 10 5	0270			
	IE – CHEMICAL TEST	ING	mmonf .	and D	NAME			ТМОЗРН					
Sr. No.	Test Para		<del>/////5////</del> (///	Unit	1.11.11.11.11.11.11	esult	<b>0</b> 01	Permissi	ALL PARTY			Metho	hd
1. 2.	Particulate Matter Particulate Matter			g/m <sup>3</sup> g/m <sup>3</sup>		30.1 35.3		<u> </u>				2 (Part 2 (Part	
3.	Sulphur Dioxide	r'IVI2.5		g/m <sup>3</sup>		17.8		8			IS: 518		
<u> </u>	Nitrogen Dioxide			g/m <sup>2</sup> g/m <sup>3</sup>		17.8		<u>ہ</u> 8	-		IS: 518		
<u>4.</u> 5.	Ozone			g/m <sup>2</sup> g/m <sup>3</sup>		5.7		<del>ہ</del> 18	-		IS: 518		
<u> </u>	Ammonia (NH <sub>3</sub> )			g/m <sup>3</sup>		5.7 MDL:5.0		40			IS: 518	· ·	
7.	Carbon Monoxide	((())		ig/m <sup>3</sup>	-	MDL:3.0		2.			IS: 518		
8.	Lead (Pb)	(00)		g/m <sup>3</sup>		MDL:0.5		1.			IS: 518	•	
9.	Benzene			g/m <sup>3</sup>		MDL:0.3		5.	-		IS: 518		
9. 10.	Benzo(a)Pyrene (B	aP)		g/m <sup>3</sup>		MDL:0.1			.0		IS: 518		
10.	Nickel	arj		g/m <sup>3</sup>		MDL:0.1		2			IS: 518		
12.	Arsenic			g/m <sup>3</sup>	-	MDL:1.0		<u> </u>			IS: 518		
12.	Chlorine (Cl <sub>2</sub> )			g/m <sup>3</sup>		MDL:2.0						-	
13.	Volatile Organic Co	mnound		g/m <sup>3</sup>		MDL:2.0		-				S: 5182 (Part 19) S: 5182 (Part-11)	
	-	mpound	μ	б/ 111	DDL (		1	-	-		13. 310	∠ (rail	-11)
<b>Remarks:</b>													

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

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## TEST REPORT

(AMBIENT AIR MONITORING)											
Test Report No.:	URA/25	5/02/AIL-J/A-017	Repor	't Issu	e Dat	е		04/03/2025			
Service Request form No.:	URA/SR	F/02/017	Servic	Service Request Date				13/02/2025			
Sample ID No.:	URA/ID	/A-25/02/017	Field I	Data S	Sheet	No.		URA/FD	S/A-25	/02/01	7
Name & Add. of Customer	M/s. A	л/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	&B, 756/6, 756/7, 75	56/8+9,7	78 &	779,						
	GIDC ES	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	13/02/2	13/02/2025 Date of Testing 14/02/2025									
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monito	oring:	AAQM station - 2 N	lear Secu	urity (	Gate (	Hydroger	n Plan	it)			
Environmental Conditions dur	ing	Temp.:	Min.:	18	٥C	Max.:	31	°C	Avg.:	24	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	50	%	Avg.:	34	%
Details of Master Instrume	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Ne	xt Cali.	Date
UERL/AIR/RDS/05	Respira	able Dust Sampler	-	150403D072			28/	28/03/2024		27/03/202	
UERL/AIR/FPS/05	Fine Particulate Sampler         210202144         28/03/2024         27/03/2025										
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.05
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.07
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1544.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
Environi			

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07				
Remarks:									

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC1	53452500001174F												
Test Repo	ort No.:	URA/25	5/02/AIL-J	/A-018	Re	oort Issu	e Dat	e		04/03/2	2025		
Service Re	equest form No.:	URA/SF	RF/02/018		Ser	vice Req	uest l	Date		10/02/2	025		
Sample ID	) No.:	URA/ID	/A-25/02/	018	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/01	8
Name & A	Add. of Customer	-	ARTI INDU										
			0.756/2	-		-							
			&B, 756/6										
			DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of S		10/02/2	2/2025 Date of Testing r CPCB Guidelines							11/02/2	025		
1 0	Procedure:												
	of Sampling / Monito		AAQM s	tation -					24	00		22	00
	ental Conditions du	ring	Temp.:		Min		°C	Max.:	31	°C	Avg.:	23	<sup>0</sup> C
Sampling			Rel. Hun		Min	.: 19	%	Max.:	75	%	Avg.:	41	%
	s of Master Instrum			-		C			6-1			+ C- II	Data
	ument Id No.		rument N			Serial N				i. Date		t Cali.	
	_/AIR/RDS/06		able Dust S			15040				03/2024		/03/2	
	L/AIR/FPS/06		articulate S			2102(	JZ149		28/0	03/2024	27	/03/2	025
Sr. No.	al Sampling / Monit			as per C	PCB Gui		nit of	measure	mont		Ohs	ervati	<b>n</b>
1.	Monitoring Dur		escription Unit of measurement				.mem		24.17		511		
2.	Flow Rate of PN						ſ	m <sup>3</sup> /min	1			1.11	
3.	Volume of Air S						- 2	m <sup>3</sup>				609.7	
4.	Volume of Air S		•				11	m <sup>3</sup>	All and a			24.2	
	nmental Conditions			mp.: 25 =	± 5 °C,	Rela	tive H	lumidity:	40 to	52%	3		
	arameter Results	-											
DISCIPLIN	IE – CHEMICAL TEST	ING	n Maria Mi	201 -	NAME	OF GROU	JP – A	TMOSPH	<b>IERIC</b>	POLLUTI	ON		
Sr. No.	Test Para	meter	10000042004	Unit	R	esult	67 Y 20 10	Permissi	ible Lir	nit	Test	Metho	bd
1.	Particulate Matter	• PM <sub>10</sub>	ŀ	ug/m³	5	38.7		100			IS: 5182 (Part		: 23)
2.	Particulate Matter	PM2.5	ŀ	ıg/m³		33.8		e	50		IS 5182	2 (Part	24)
3.	Sulphur Dioxide		ł	ıg/m³	2	21.1		8	80		IS: 518	32 (Par	t 2)
4.	Nitrogen Dioxide		ł	ıg/m³	2	22.5		8	80		IS: 5182 (Pa		t 6)
5.	Ozone		ł	ıg/m³	BDL (	MDL:5.0)	)	1	80		IS: 5182 (Pa		t 9)
6.	Ammonia (NH <sub>3</sub> )		ŀ	ıg∕m³	BDL (	MDL:5.0)	)	4	00		IS: 518	2 (Part	: 25)
7.	Carbon Monoxide	(CO)	n	ng/m³	BDL (	MDL:1.0)	)	2	.0		IS: 518	2 (Part	: 10)
8.	Lead (Pb)			ıg∕m³	BDL (	MDL:0.5)	)	1	.0		IS: 518	2 (Part	: 22)
9.	Benzene		ŀ	ıg∕m³	BDL (	MDL:1.0)	)	5	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	r	າg/m³	BDL (	MDL:0.1)	)	1	.0		IS: 518	2 (Part	: 12)
11.	Nickel		r	ng/m³	BDL (	MDL:1.0)	)	2	20		IS: 5182 (Part 2		: 26)
	A		r	ng/m³	BDL (	MDL:1.0)	)	6	.0		IS: 518	2 (Part	: 22)
12.	Arsenic				BDL (MDL:2.0)								
12. 13.	Chlorine (Cl <sub>2</sub> )			ıg∕m³	BDL (		)				IS: 518	2 (Part	: 19)
		ompound	ł		-				 		IS: 518 IS: 518		

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Juni Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-018	Repo	rt Issu	e Dat	е		04/03/2025			
Service Request form No.:	URA/SF	RF/02/018	Servio	Service Request Date			10/02/2025				
Sample ID No.:	URA/ID	/A-25/02/018	Field	Field Data Sheet No.			URA/FDS/A-25/02/018				
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	/ITED.								
	PLOT N	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	10/02/2	2025	Date	Date of Testing			11/02/2	2025			
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 3 I	Vear CLB	Plant							
Environmental Conditions du	ring	Temp.:	Min.:	15	<sup>0</sup> C	Max.:	31	٥C	Avg.:	23	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	75	%	Avg.:	41	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/06	Respira	able Dust Sampler	:	150403D062			28/03/2024		27	27/03/2025	
UERL/AIR/FPS/06	Fine Pa	articulate Sampler		21020	)2149	)	28/	/03/2024	27	7/03/2	025
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.17
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1609.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
Environi	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	Men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	26.6		UERL/AIR/SOP/07				
Remarks:									

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC1	53452500001178F												
Test Report No.: URA/25/02/				IL-J/A-022	Report Issue Date					04/03/2025			
Service Request form No.: URA/SRF/02/0				22	Se	Service Request Date				13/02/2025			
Sample ID No.: URA/ID/A-25/				02/022	Field Data Sheet No. URA/FDS/A-25						S/A-25/	S/A-25/02/022	
Name & A	Add. of Customer	M/s. A	ARTI IN	DUSTRIES	LIMITED	•							
			-	/2 A&B, 756		-							
				6/6, 756/7									
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT												
	Sampling:	13/02/2			Da	te of Tes	ting			14/02/2	2025		
1 0	Procedure:		1	uidelines									
	of Sampling / Monite	0		M station -				· ·					
	ental Conditions du	ring	Temp		Min		٥C	Max.:	31	٥C	Avg.:	24	٥C
Sampling				lumidity:	Min	.: 18	%	Max.:	50	%	Avg.:	34	%
	s of Master Instrum								1				
	rument Id No.			t Name		Serial N				li. Date		t Cali.	
	L/AIR/RDS/04			st Sampler		2101				03/2024		/03/2	
	L/AIR/FPS/04			te Sampler		2102	02145	5	28/	03/2024	24 27/03/2025		
	al Sampling / Monit			on as per C	PCB Gui	1							
Sr. No.	and the second sec		ription			U	Init of	fmeasure	ment		Observation		on
1.	Monitoring Dur	- Ma			- 40		h m <sup>3</sup> /min				24.09		
2.	Flow Rate of PM				m <sup>3</sup> /min					1.15			
3.	and the second sec	Sampled for PM <sub>10</sub>			1		- Carl	m <sup>3</sup> m <sup>3</sup>	and the second			662.2	
4.	Volume of Air S				1 5 0 6	Dala			10.1-	520/		24.1	
	onmental Conditions arameter Results	during t	esting :	Temp.: 25	±5°C,	Rela	ative r	lumidity:	40 to	52%			
	NE – CHEMICAL TEST		AMMA	nt and C	NAME			ATMOSPH					
				<u>iii dilu r</u>	1.0000000000000000000000000000000000000	WII BOOK		9 ho 100 h hito	State Ber	1000			<u> </u>
Sr. No.	Test Para	meter		Unit	R	esult		Permissi	ble Li	mit	Test	Meth	bd
1.	Particulate Matter	• PM <sub>10</sub>		µg/m³		81.0		10	<b>10</b> IS: 5		IS: 5182 (Part 23)		,
2.	Particulate Matter	• PM <sub>2.5</sub>		µg/m³	31.4			60			IS 5182 (Part 24)		
3.	Sulphur Dioxide			µg/m³	16.3			80		IS: 5182 (Pa			
4.	Nitrogen Dioxide			µg/m³	17.9			80				182 (Part 6)	
5.	Ozone			µg/m³		7.4		180		IS: 518			
6.	Ammonia (NH <sub>3</sub> )			µg/m³		17.0			00	) [		2 (Part	,
7.	Carbon Monoxide	(CO)		mg/m <sup>3</sup>	-	MDL:1.0		2	.0		IS: 5182 (Par		,
8.	Lead (Pb)			µg/m³		MDL:0.5			.0		IS: 518		
9.	Benzene			µg/m³		MDL:1.0		5	.0		IS: 518		
10.	Benzo(a)Pyrene (B	aP)		ng/m³	-	MDL:0.1		1	.0		IS: 518		
11.	Nickel			ng/m³	BDL (	MDL:1.0	)	2	0		IS: 518		
12.	Arsenic			ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 518	2 (Pari	t 22)
13.	Chlorine (Cl <sub>2</sub> )			µg/m³		4.1					IS: 5182 (Part 19)		t 19)
14.	Volatile Organic Co	ompound		µg/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Part	:-11)
Remarks:		ompound		μg/11	BDL (	MDL.1.0	)	-			13. 310.	2 (Fait	1

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MONI	TORIN	G)						
Test Report No.: URA/25/02/AIL-J/A-022			Repoi	Report Issue Date 04/03/2025							
Service Request form No.:	URA/SR	F/02/022	Servio	Service Request Date 13/02/2025							
Sample ID No.:	URA/ID/A-25/02/022 Field Data Sheet No. URA/FDS/A-25/02/022							2			
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	ITED.								
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	&B, 756/6, 756/7, 7	56/8+9,7	778 &	779,						
	GIDC ES	STATE, JHAGADIA, DI	ST-BHAR	UCH, (	GUJAI	RAT					
Dates of Sampling:	13/02/2	2025	Date o	Date of Testing				14/02/2025			
Sampling Procedure:	As per 0	As per CPCB Guidelines									
Location of Sampling / Monitor	oring:	AAQM station - 1 N	Near PDA	Gate	2 (Sa	fety offic	e)				
Environmental Conditions du	ring	Temp.:	Min.:	18	٥C	Max.:	31	<sup>0</sup> C	Avg.:	24	٥C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	50	%	Avg.:	34	%
Details of Master Instrume	ent Used	for Monitoring						•			
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Nex	Next Cali. Date	
UERL/AIR/RDS/04	Respira		210103157 28			28/	/03/2024	27	27/03/2025		
UERL/AIR/FPS/04	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025										
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.09
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.15
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1662.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
Environr	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	1

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	8.9		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001179F											
Test Report No.:	5/02/AIL-J/A-023	A-023 Report Issue Date					04/03/2025				
Service Request form No.:	RF/02/023	Sei	vice Rec	uest l	Date		17/02/2	2025			
Sample ID No.:	/A-25/02/023	Field Data Sheet No. UR					URA/FDS/A-25/02/023			3	
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
		O. 756/2 A&B, 756		-	-						
		\&B, 756/6, 756/7,									
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of Sampling:	17/02/2		Da	te of Tes	ting			18/02/2	2025		
Sampling Procedure:		CPCB Guidelines									
Location of Sampling / Monit	-	AAQM station - 2				Hydroger	n Plant	,			
Environmental Conditions du	ring	Temp.:	Min		<sup>0</sup> C	Max.:	32	٥C	Avg.:	26	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min	.: 22	%	Max.:	78	%	Avg.:	48	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.		rument Name		Serial N	lumb	er		i. Date		t Cali.	
UERL/AIR/RDS/05		able Dust Sampler		15040				3/2024		/03/2	
UERL/AIR/FPS/05		articulate Sampler			02144		28/0	3/2024	024 27/03/2025		
General Sampling / Monit			PCB Gui	deline							
Sr. No.		iption		U	Init of	measure	ement				on
	Monitoring Duration			h					24.13		
2. Flow Rate of PN				m <sup>3</sup> /min				1.08			
3. Volume of Air S				m <sup>3</sup>				1563.6			
4. Volume of Air S				m <sup>3</sup>				24.2			
Environmental Conditions	during to	esting :Temp.: 25 ±	: 5 °C,	Rela	ative H	lumidity:	40 to 5	52%			
Test Parameter Results	Canalas	nasani and 🕅		امتلطم	P.		Sal gen				
DISCIPLINE – CHEMICAL TEST	ING	<u>nnen zna t</u>	NAME	OF GRO	UP – 4	TMOSPH	IERIC P	OLLUTI	ON		
Sr. No. Test Para	meter	Unit	R	esult		Permiss	ible Lin	nit	Test	Meth	bd
1. Particulate Matter	• PM <sub>10</sub>	μg/m³	-	78.1		1	00	IS: 5182 (Part			
2. Particulate Matter	PM2.5	μg/m³		20.7	0.7 60		,0		IS 5182 (Part 24)		24)
3. Sulphur Dioxide		μg/m³	16.7		80		80			IS: 5182 (Part 2)	
4. Nitrogen Dioxide		μg/m³	17.8		80		80			IS: 5182 (Part 6)	
5. Ozone		μg/m³		9.0		180		IS:		32 (Par	
6. Ammonia (NH <sub>3</sub> )		μg/m³		8.1		400		IS: 5		2 (Part	-
7. Carbon Monoxide	(CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0	)	2.0		IS		IS: 5182 (Part 10)	
8. Lead (Pb)		μg/m³	BDL (	MDL:0.5	)	1	.0		IS: 518	IS: 5182 (Part 22)	
9. Benzene		μg/m³	BDL (	MDL:1.0	)	5	.0		IS: 518	2 (Par	t11)
10. Benzo(a)Pyrene (E	aP)	ng/m³	BDL (	MDL:0.1	)	1	.0		IS: 518	2 (Par	: 12)
11. Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	2	20		IS: 518	2 (Par	: 26)
12. Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 5182 (Part 22)		: 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m³	BDL (	MDL:2.0	)		-		IS: 518	2 (Par	: 19)
14. Volatile Organic C	ompound	μg/m <sup>3</sup>	BDL (	MDL:1.0	)				IS: 518	2 (Part	:-11)
					_						

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Juni Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT AI	R MONI	TORIN	G)						
est Report No.: URA/25/02/AIL-J/A-023			Report Issue Date					04/03/2025			
Service Request form No.:	URA/SF	RF/02/023	Servio	Service Request Date				17/02/2025			
Sample ID No.:	URA/ID	URA/ID/A-25/02/023 Field Data Sheet No. URA/FDS/A-25/02/023							3		
Name & Add. of Customer	ame & Add. of Customer M/s. AARTI INDUSTRIES LIMITED.										
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	&B, 756/6, 756/7, 75	56/8+9,7	778 &	779,						
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of Sampling:	17/02/2	2025	Date	Date of Testing				18/02/2025			
Sampling Procedure:	As per CPCB Guidelines										
Location of Sampling / Monit	oring:	AAQM station - 2 N	lear Sec	urity G	iate (	Hydrogei	n Plan	t)			
Environmental Conditions du	ring	Temp.:	Min.:	19	٥C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	22	%	Max.:	78	%	Avg.:	48	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	Cali. Date		Next Cali. Date	
UERL/AIR/RDS/05	Respira	able Dust Sampler	:	150403D072			28/	28/03/2024		27/03/2025	
UERL/AIR/FPS/05 Fine Particulate Sampler 210202144 28/03/2024 27/03/2025						025					
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							
	_										-

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1563.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
Environi	mental Conditions during testing : Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iman' si	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	26.6		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC1	53452500001180F												
Test Rep	ort No.:	URA/2	5/02/AIL-J/	A-024	Re	oort Issu	e Dat	e		04/03/2	2025		
Service R	equest form No.:	URA/SF	RF/02/024		Ser	vice Req	uest l	Date		13/02/2	2025		
Sample II	D No.:	URA/ID	/A-25/02/0	24	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	/02/02	4
Name & /	Add. of Customer	M/s. A	ARTI INDUS	TRIES L	IMITED								
			O. 756/2 A8										
			А&В, 756/6,										
				AGADIA, DIST-BHARUCH, GUJARAT									
	Sampling:	13/02/2			Dat	te of Test	ting			14/02/2	2025		
1 0	Procedure:	As per CPCB Guidelines											
	of Sampling / Monite	_	AAQM sta	ation - 3						_			
	nental Conditions du	ring	Temp.:		Min		<sup>0</sup> C	Max.:	31	٥C	Avg.:	24	<sup>0</sup> C
Sampling			Rel. Humi	-	Min	.: 18	%	Max.:	50	%	Avg.:	34	%
	s of Master Instrum												
	rument Id No.		rument Na			Serial N				i. Date		t Cali.	
	L/AIR/RDS/06		able Dust Sa	•		15040				)3/2024		7/03/2	
	RL/AIR/FPS/06		articulate Sa			21020	02149		28/0	3/2024	27	7/03/2	025
Gener	ral Sampling / Monit			s per Cl	PCB Gui								
Sr. No.	and the second se		iption			Unit of measurement					Observation		on
1.		Monitoring Duration				h					23.94		
2.	Flow Rate of PN	6.C.		NT		m <sup>3</sup> /min						1.07	
3.	Volume of Air S						-	m <sup>3</sup>			92	.536.9	
4.	Volume of Air S							m³		E.		24.0	
	onmental Conditions	s during t	esting :Tem	p.: 25 ±	: 5 °C,	Rela	tive H	lumidity:	40 to !	52%			
	arameter Results	Earles	anna a nh a	ad D		امطعه		امر الم	San an				
DISCIPLIN	NE – CHEMICAL TEST	ING	<u>nnen :</u>		100000000000000000000000000000000000000		UP – 4	TMOSPH	IERIC F	OLLUTI	ON		
Sr. No.	Test Para	meter	U	Init	R	esult		Permissi	ble Lir	nit	Test	Metho	bd
1.	Particulate Matter	r PM10	με	g/m³	8	36.9		100		0 IS: 5182		2 (Part	: 23)
2.	Particulate Matter	r PM <sub>2.5</sub>	με	g/m³	3	30.0		6	0		IS 518	2 (Part	24)
3.	Sulphur Dioxide		με	g/m³		21.8		8	0		IS: 518	32 (Par	t 2)
4.	Nitrogen Dioxide		με	g/m³		25.6		8	0		IS: 518	32 (Par	t 6)
5.	Ozone		με	g/m³	-	16.3		1	80		IS: 518	32 (Par	t 9)
6.	Ammonia (NH <sub>3</sub> )		με	g/m³	-	10.6		4	00		IS: 518	2 (Part	: 25)
7.	Carbon Monoxide	(CO)		g/m³	BDL (	MDL:1.0)	)	2	.0		IS: 518	2 (Part	: 10)
8.	Lead (Pb)		με	g/m³	BDL (	MDL:0.5)	)	1	.0		IS: 518	2 (Part	: 22)
9.	Benzene			g/m³	BDL (	MDL:1.0)	)	5	.0		IS: 518	82 (Par	t11)
10.	Benzo(a)Pyrene (B	BaP)	ng	g/m³	BDL (	MDL:0.1)	)	1	.0		IS: 518	2 (Part	: 12)
<u>10</u> .			no	g/m³	BDI (	MDL:1.0)	)	2	20		IS: 518	2 (Part	: 26)
10.	Nickel		118	, · · · ·	0000								
	Nickel Arsenic			g/m <sup>3</sup>	-	MDL:1.0)	)	6	.0		IS: 518	2 (Part	: 22)
11.			ng		BDL (	-	)		.0		IS: 518 IS: 518		
11. 12.	Arsenic	ompound	ng µg	g/m³	BDL (	MDL:1.0)		-				2 (Part	: 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

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GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A		TORIN	G)						
Test Report No.:	URA/2	5/02/AIL-J/A-024	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/024	Servio	e Req	uest	Date		13/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/024	Field	Data S	heet	No.		URA/FD	)S/A-25	/02/02	24
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	IITED.								
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	56/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	13/02/2	3/02/2025 Date of Testing 14/02/2025									
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 3 N	Near CLB	Plant							
Environmental Conditions du	ring	Temp.:	Min.:	18	٥C	Max.:	31	<sup>0</sup> C	Avg.:	24	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	50	%	Avg.:	34	%
Details of Master Instrum	ent Used	for Monitoring	•								
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Ne	xt Cali	. Date
UERL/AIR/RDS/06	Respira	able Dust Sampler		15040	3D06	2	28/	/03/2024	. 2	7/03/2	2025
UERL/AIR/FPS/06	UERL/AIR/FPS/06 Fine Particulate Sampler 210202149 28/03/2024 27/03/2025										
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine						. <u> </u>	

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.94
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.07
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1536.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
Environi	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iment an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	17.9		UERL/AIR/SOP/07			
Remarks:								

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

Last Dave	3452500001184F											
Test Repor	rt No.:	URA/2	5/02/AIL-J/A-028	Rep	oort Issu	e Dat	e		04/03/2	2025		
Service Re	quest form No.:	URA/SF	RF/02/028	Ser	vice Req	uest	Date		17/02/2	2025		
Sample ID	No.:	URA/ID	/A-25/02/028	Fie	ld Data S	heet	No.		URA/FD	S/A-25/	/02/02	3
Name & Ad	dd. of Customer	M/s. A	ARTI INDUSTRIES LI	MITED.								
			O. 756/2 A&B, 756,									
			A&B, 756/6, 756/7,									
			STATE, JHAGADIA, D	1			RAT					
Dates of Sa		17/02/2		Date of Testing 18/02/2025								
1 0	Procedure:	As per CPCB Guidelines										
	of Sampling / Monito	-	AAQM station - 1	1			-	-				
	ental Conditions du	ring	Temp.:	Min.		٥C	Max.:	32	٥C	Avg.:	26	<sup>0</sup> C
Sampling :			Rel. Humidity:	Min.	.: 22	%	Max.:	78	%	Avg.:	48	%
	of Master Instrum											
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
-	/AIR/RDS/04		able Dust Sampler		21010				03/2024		7/03/2	
	/AIR/FPS/04		articulate Sampler		21020	)2145		28/0	03/2024	27	7/03/2	)25
	I Sampling / Monit			CB Guio					r			
Sr. No.			iption		Unit of measurement					Observation		on
1.		Monitoring Duration			h m <sup>3</sup> /min						24.58	
2.	Flow Rate of PN				m <sup>3</sup> /min						1.11	
3.	Volume of Air S				3	- Carl	m <sup>3</sup>	1			.637.0	
4.	Volume of Air S						m <sup>3</sup>	200	S.A.		24.6	
	mental Conditions	during t	esting :Temp.: 25 ±	5 °C,	Rela	tive H	lumidity:	40 to .	52%			
	rameter Results		naani and D				at tal.	1400 AT				
	E – CHEMICAL TEST	ING	1000201200180			$\mathbf{D} = I$						
Sr No				100000000000000000000000000000000000000	OF GROL	10 F	Vie indiano	ALL DO	100			
Sr. No.	Test Para		Unit	100000000000000000000000000000000000000	OF GROL esult		ATMOSPH Permissi	ALL DO	100		Metho	od
1.	Test Para Particulate Matter	meter		R	WII LAM		Vie indiano	ble Lir	100			
		meter PM <sub>10</sub>	Unit	R	esult		Permissi	ble Lir )0	100	Test	2 (Part	23)
1. 2.	Particulate Matter	meter PM <sub>10</sub>	<mark>Unit</mark> μg/m <sup>3</sup>	R( 2	<b>esult</b> 35.7		Permissi 10	ble Lir 00 0	100	<b>Test</b> IS: 518 IS 518	2 (Part	23) 24)
1. 2.	Particulate Matter Particulate Matter	meter PM <sub>10</sub>	Unit           μg/m³           μg/m³           μg/m³           μg/m³           μg/m³           μg/m³	R( 2	esult 35.7 32.9		Permissi 10 6	ble Lir )0 0 0	100	<b>Test</b> IS: 518 IS 518 IS: 518	2 (Part 2 (Part	23) 24) t 2)
1. 2. 3. 4. 5.	Particulate Matter Particulate Matter Sulphur Dioxide	meter PM <sub>10</sub>	Unit μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	R (	esult 35.7 32.9 20.8		Permissi 1( 6 8	ble Lir 00 0 0 0	100	Test IS: 518 IS 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par	23) 24) t 2) t 6)
1.         2.         3.         4.         5.         6.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	meter <sup>•</sup> PM <sub>10</sub> <sup>•</sup> PM <sub>2.5</sub>	Unit           μg/m³	R( 2 2 2 1	esult 35.7 32.9 20.8 22.6 16.7 7.2		Permissi 10 6 8 8	ble Lir 00 0 0 0 30	100	Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part	23) 24) t 2) t 6) t 9) 25)
1.         2.         3.         4.         5.         6.         7.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	meter <sup>•</sup> PM <sub>10</sub> <sup>•</sup> PM <sub>2.5</sub>	Unit           μg/m³	R( 2 2 2 1	esult 35.7 32.9 20.8 22.6 16.7		Permissi 10 6 8 8 8 18	ble Lir 00 0 0 0 0 30 00	100	Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part	23) 24) t 2) t 6) t 9) 25)
1.         2.         3.         4.         5.         6.         7.         8.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	meter <sup>•</sup> PM <sub>10</sub> <sup>•</sup> PM <sub>2.5</sub>	Unit           μg/m³	R( 2 2 2 1 8 BDL (1	esult 35.7 32.9 20.8 22.6 16.7 7.2		Permissi 10 6 8 8 8 18 40	ble Lir 00 0 0 0 30 00 00	100	Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10)
1.         2.         3.         4.         5.         6.         7.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	meter • PM <sub>10</sub> • PM <sub>2.5</sub>	Unit           μg/m³	R( 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 35.7 32.9 20.8 22.6 16.7 7.2 MDL:1.0) MDL:0.5) MDL:1.0)		Permissi 10 6 8 8 8 18 40 2	ble Lir 00 0 0 0 0 30 00 0 0 0	100	Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22)
1.         2.         3.         4.         5.         6.         7.         8.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	meter • PM <sub>10</sub> • PM <sub>2.5</sub>	Unit           μg/m³	R( 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 35.7 32.9 20.8 22.6 16.7 7.2 MDL:1.0) MDL:0.5)		Permissi 10 6 8 8 18 18 40 2. 1.	ble Lir 00 0 0 0 30 00 0 0 0 0 0	100	Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 32 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) t11)
1.         2.         3.         4.         5.         6.         7.         8.         9.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	meter • PM <sub>10</sub> • PM <sub>2.5</sub>	Unit           μg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³	R 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 35.7 32.9 20.8 22.6 16.7 7.2 MDL:1.0) MDL:0.5) MDL:1.0) MDL:1.0)		Permissi 10 6 8 8 8 18 40 2 1 1 5 5 1	ble Lir 00 0 0 0 30 00 0 0 0 0 0	100	Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part 32 (Part 2 (Part	23) 24) t 2) t 6) 25) 25) 10) 22) 11) 12)
1.         2.         3.         4.         5.         6.         7.         8.         9.         10.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	meter • PM <sub>10</sub> • PM <sub>2.5</sub>	Unit           μg/m³           ng/m³           μg/m³           μg/m³           μg/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³	R 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 35.7 32.9 20.8 22.6 16.7 7.2 MDL:1.0) MDL:0.5) MDL:0.1)		Permissi 10 6 8 8 8 18 40 2 1 1 5 5 1	ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100	Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) 11) 12) 26) 22)
1.         2.         3.         4.         5.         6.         7.         8.         9.         10.         11.	Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	meter • PM <sub>10</sub> • PM <sub>2.5</sub>	Unit           μg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³	R           8           2           2           2           2           2           3           BDL (I           BDL (I           BDL (I           BDL (I           BDL (I           BDL (I           BDL (I	esult 35.7 32.9 20.8 22.6 16.7 7.2 MDL:1.0) MDL:0.5) MDL:1.0) MDL:1.0)		Permissi 10 6 8 8 8 18 40 2. 1. 5. 1. 5. 1. 2 6.	ble Lir 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100	Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) 11) 12) 26) 22)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Judips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/2	5/02/AIL-J/A-028	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/028	Servi	ce Req	uest	Date		17/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/028	Field	Data S	Sheet	No.		URA/FD	)S/A-25/	/02/02	8
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	/ITED.								
	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,										
	756/5 A	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT										
Dates of Sampling:	17/02/	7/02/2025 Date of Testing 18/02/2025									
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / Mor	itoring:	AAQM station - 1 I	Near PDA	۹ Gate	2 (Sa	fety offic	ce)				
Environmental Conditions of	luring	Temp.:	Min.:	19	<sup>0</sup> C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	22	%	Max.:	78	%	Avg.:	48	%
Details of Master Instru	ment Used	for Monitoring									
Instrument Id No.	Inst	trument Name	S	erial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/04	Respir	able Dust Sampler		21010	03157	,	28/	03/2024	27	7/03/2	025
UERL/AIR/FPS/04	Fine Pa	articulate Sampler		21020	02145	,	28/	03/2024	27	7/03/2	025
General Sampling / Mor	nitoring Ob	servation as per CPC	B Guide	line					•		
Cr. No. Description Unit of measurement Observation											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.58
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1637.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6
- Environ	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







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QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

Test C	53452500001185F											
Test Repo	ort No.:	URA/25	5/02/AIL-J/A-0	29	Report Issu	ue Dat	е	(	04/03/2025			
Service Re	equest form No.:	URA/SR	F/02/029	2	Service Re	quest	Date		20/02/2	025		
Sample ID	) No.:	URA/ID	/A-25/02/029	1	ield Data	Sheet	No.	1	URA/FD	S/A-25/	02/02	9
Name & A	Add. of Customer	M/s. A	ARTI INDUSTRI	ES LIMIT	D.							
			O. 756/2 A&B,	-		-						
			&B, 756/6, 75									
			STATE, JHAGAD				RAT					
Dates of S		20/02/2								025		
	Procedure:		CPCB Guideline									
	of Sampling / Monito		AAQM statio									
	ental Conditions dur	ing	Temp.:		lin.: 21	°C	Max.:	32	<sup>0</sup> C	Avg.:	26	°C
Sampling			Rel. Humidity		lin.: 23	%	Max.:	64	%	Avg.:	41	%
	s of Master Instrume								_			
	ument Id No.		rument Name		Serial				. Date		t Cali.	
	_/AIR/RDS/05		able Dust Samp			03D07			3/2024		/03/2	
	L/AIR/FPS/05		irticulate Samp			02144		28/0	3/2024	27	/03/2	025
	al Sampling / Monit			er CPCB G				<u> </u>				
Sr. No.			iption		- · ·	Jnit of	measure	ment Observa			on	
1.	Monitoring Dur	2100				h m <sup>3</sup> /min				1.20		
2.	Flow Rate of PN					m <sup>3</sup> /min				1.20		
3.	Volume of Air S	ampled to				m <sup>3</sup>						
Λ	Volume of Air S			1		-		And and				
4.	Volume of Air S	ampled for	or PM <sub>2.5</sub>	25 + 5 °C	Pol	ativo k	m <sup>3</sup>	40 to 5	:2%		750.3 24.4	
Enviro	nmental Conditions	ampled for	or PM <sub>2.5</sub>	25 ± 5 °C,	Rel	ative H		40 to 5	52%			
<ul><li>Enviror</li><li>Test Patentic</li></ul>	nmental Conditions arameter Results	ampled for during to	or PM <sub>2.5</sub>				m³ łumidity:	Sand pres	No.			
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> </ul>	nmental Conditions arameter Results IE – CHEMICAL TEST	ampled fo during to ING	or PM <sub>2.5</sub> esting :Temp.:	NAN	1e of gro		m <sup>3</sup> lumidity: ATMOSPH	HERIC P	OLLUTI	ON	24.4	
<ul> <li>Enviror</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> </ul>	nmental Conditions arameter Results IE – CHEMICAL TEST Test Parai	ampled fo during to ING neter	or PM <sub>2.5</sub> esting :Temp.: Unit	NAN	1E OF GRO Result		m <sup>3</sup> Iumidity: ATMOSPH Permiss	IERIC P	OLLUTI	ON Test	24.4 Metho	
<ul> <li>Enviror</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> </ul>	nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter	ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit	<b>NAN</b> 3	<b>1E OF GRO</b> Result 77.9		m <sup>3</sup> Iumidity: ATMOSPH Permissi 1	IERIC P ible Lim	OLLUTI	ON Test IS: 518	24.4 <b>Metho</b> 2 (Part	: 23)
Environ Test Pat DISCIPLIN Sr. No. 1. 2.	nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit μg/m μg/m	NAN 3 3	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4		m <sup>3</sup> lumidity: ATMOSPH Permissi 1 6	HERIC P ible Lim 00 50	OLLUTI	ON Test IS: 518 IS 5182	24.4 <b>Metho</b> 2 (Part 2 (Part	: 23) 24)
Enviror Test Pa DISCIPLIN Sr. No. 1. 2. 3.	nmental Conditions arameter Results IE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit μg/m μg/m	<b>NAN</b> 3 3 3	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4 30.7		m <sup>3</sup> lumidity: ATMOSPH Permissi 1 6 8	HERIC P ible Lim 00 60 80	OLLUTI	ON Test IS: 518 IS 5182 IS: 518	24.4 <b>Metho</b> 2 (Part 2 (Part 32 (Par	: 23) 24) t 2)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m	<b>NAN</b> 3 3 3 3	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4 30.7 32.6	UP - 7	m <sup>3</sup> lumidity: ATMOSPH Permissi 1 6 8 8	HERIC P ible Lim 00 50 30 30	OLLUTI	ON Test IS: 518 IS 5182 IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Par 32 (Par	: 23) 24) t 2) t 6)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m	NAN 3 3 3 3 3 3 3 3 8 D	<b>TE OF GRO</b> <b>Result</b> 77.9 25.4 30.7 32.6 L (MDL:5.0	UP - 7	m <sup>3</sup> lumidity: ATMOSPH Permissi 1 6 8 8 8 1	HERIC P ible Lim 00 60 60 80 80	OLLUTI	ON Test IS: 518 IS 5182 IS: 518 IS: 518 IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	23) 24) t 2) t 6) t 9)
<ul> <li>Enviror</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> </ul>	nmental Conditions arameter Results IE – CHEMICAL TEST Test Paran Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled fo during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           BD           3	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4 30.7 32.6 L (MDL:5.0 8.0	))	m <sup>3</sup> lumidity: Permissi 1 6 8 8 1 1 4	HERIC P ible Lim 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	ON Test IS: 518 IS: 5182 IS: 518 IS: 518 IS: 518 IS: 518	24.4 <b>Methe</b> 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 32 (Part	: 23) 24) t 2) t 6) t 9) : 25)
<ul> <li>Enviror</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	ampled fo during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4 30.7 32.6 L (MDL:5.0 8.0 L (MDL:1.0	))	m <sup>3</sup> Jumidity: ATMOSPH Permissi 1 6 8 8 8 1 1 4 2	HERIC P ible Lim 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Par 32 (Part 32 (Part 2 (Part	23) 24) t 2) t 6) t 9) : 25) : 10)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	ampled fo during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN           3           BD           3           BD	<b>IE OF GRO</b> <b>Result</b> 77.9 25.4 30.7 32.6 L (MDL:5.0 8.0 L (MDL:1.0 L (MDL:0.5	DUP - 4	m <sup>3</sup> Jumidity: ATMOSPH Permissi 1 6 8 8 8 1 1 4 2 1	HERIC P ible Lim 00 50 50 50 50 50 50 80 50 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	ON Test IS: 518 IS 5182 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	24.4 <b>Metho</b> 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	ampled fr during to ING meter PM10 PM2.5	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           BD           3           BD           3           BD	IE OF GRO           Result           77.9           25.4           30.7           32.6           L (MDL:5.0           8.0           L (MDL:1.0           L (MDL:0.5           L (MDL:1.0	DUP - 4	m <sup>3</sup> lumidity: Permissi 1 6 8 8 1 1 4 2 1 5	HERIC P ible Lim 00 50 50 50 50 50 50 50 50 50 50 50 50	OLLUTI	ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) : 25) : 10) : 22) t11)
<ul> <li>Enviror</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> </ul>	nmental Conditions arameter Results IE – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B	ampled fr during to ING meter PM10 PM2.5	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           3           BD           3           BD           3           BD           3           BD           3           BD           3	IE OF GRO           Result           77.9           25.4           30.7           32.6           L (MDL:5.0           8.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0	DUP - 4	m <sup>3</sup> lumidity: Permissi 1 6 8 8 8 1 4 2 1 5 5 1	HERIC P ible Lim 00 50 30 30 30 30 30 30 30 30 30 30 30 30 30	OLLUTI	ON Test IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 22)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> <li>11.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	ampled fr during to ING meter PM10 PM2.5	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m ng/m µg/m ng/m ng/m	NAN           3           BD	IE OF GRO           Result           77.9           25.4           30.7           32.6           L (MDL:5.0           8.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0	DUP - 4	m <sup>3</sup> Jumidity: Permissi 1 6 8 8 8 1 4 2 1 1 5 1 2	HERIC P ible Lim 00 50 50 30 30 80 00 .0 .0 .0 .0 .0 .0 .0 20	OLLUTI	ON Test IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	: 23) 24) t 2) t 6) : 25) : 10) : 22) t11) : 12) : 26)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> <li>11.</li> <li>12.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel Arsenic	ampled fr during to ING meter PM10 PM2.5	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m µg/m	NAN           3	IE OF GRO           Result           77.9           25.4           30.7           32.6           L (MDL:5.0           8.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.1.0           L (MDL:1.1.0           L (MDL:1.1.0           L (MDL:1.1.0	DUP     -       -     -	m <sup>3</sup> Jumidity: ATMOSPH Permissi 1 6 8 8 8 8 8 8 8 8 8 1 9 4 2 1 5 1 1 2 6	HERIC P ible Lim 00 50 30 30 30 30 30 30 30 30 30 30 30 30 30	OLLUTI	ON Test IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 20) 22) t11) 12) 26) 22)
<ul> <li>Environ</li> <li>Test Pa</li> <li>DISCIPLIN</li> <li>Sr. No.</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10.</li> <li>11.</li> </ul>	nmental Conditions arameter Results E – CHEMICAL TEST Test Parau Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	ampled fr during to ING meter PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: Unit µg/m µg/m µg/m µg/m µg/m µg/m µg/m ng/m ng/m ng/m ng/m	NAN           3	IE OF GRO           Result           77.9           25.4           30.7           32.6           L (MDL:5.0           8.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0           L (MDL:1.0	DUP - 4	m <sup>3</sup> lumidity: Permissi 1 6 8 8 8 1 4 2 1 1 5 5 1 1 2 6	HERIC P ible Lim 00 50 50 30 30 30 30 30 30 30 30 30 30 30 30 30	OLLUTI	ON Test IS: 518 IS: 518	24.4 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	: 23) 24) t 2) t 6) : 25) : 10) : 22) t11) : 12) : 26) : 22) : 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	R MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-029	Repor	't Issu	e Dat	e		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/029	Servio	e Req	uest	Date		20/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/029	Field	Data S	Sheet	No.		URA/FD	S/A-25,	/02/02	9
Name & Add. of Customer	M/s. A	M/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	OT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	&B, 756/6, 756/7, 7	56/8+9,7	78 &	779,						
	GIDC ES	STATE, JHAGADIA, DI	ST-BHAR	UCH, (	GUJAI	RAT					
Dates of Sampling:	20/02/2	2025	Date o	of Test	ting			21/02/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monite	oring:	AAQM station - 2 N	Near Seco	urity C	Gate (	Hydrogei	n Plar	nt)			
Environmental Conditions du	ring	Temp.:	Min.:	21	<sup>0</sup> C	Max.:	32	<sup>0</sup> C	Avg.:	26	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	23	%	Max.:	64	%	Avg.:	41	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/05	Respira	Respirable Dust Sampler         150403D072         28/03/2024         27/03/2025					025				
UERL/AIR/FPS/05	IR/FPS/05         Fine Particulate Sampler         210202144         28/03/2024         27/03/2025										
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.31
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.20
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1750.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4
Environi	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC153452500001186F									
Test Report No.: URA/25/02/AIL-J/A	A-030 R	eport Issu	e Date	9	04/	03/20	)25		
Service Request form No.: URA/SRF/02/030	Se	ervice Req	uest [	Date	17/	02/20	)25		
Sample ID No.: URA/ID/A-25/02/03	30 <b>Fi</b>	eld Data S	heet	No.	URA	٩∕FDS	6/A-25/0	02/03	0
Name & Add. of Customer M/s. AARTI INDUS									
PLOT NO. 756/2 A8									
756/5 A&B, 756/6,									
GIDC ESTATE, JHAG				AT					
Dates of Sampling: 17/02/2025		ate of Test	ting		18/	02/20	)25		
Sampling Procedure: As per CPCB Guidel									
Environmental Conditions during Temp.:	Mi		٥C	Max.:			Avg.:	26	٥C
Sampling : Rel. Humic	-	า.: 22	%	Max.:	78 %	%	Avg.:	48	%
Details of Master Instrument Used for Monitor	-			r			1		
Instrument Id No. Instrument Nar		Serial N			Cali. Da		_	t Cali.	
UERL/AIR/RDS/06 Respirable Dust Sa	•	15040		2	28/03/2		-	/03/2	
UERL/AIR/FPS/06 Fine Particulate Sa		21020	)2149		28/03/2	2024	27	/03/2	025
General Sampling / Monitoring Observation as	per CPCB Gu								
Sr. No. Description	M	U	nit of	measure	ment		Observation		on
1. Monitoring Duration	h						4.44		
2. Flow Rate of PM <sub>10</sub>	m <sup>3</sup> /min						1.13		
3. Volume of Air Sampled for PM <sub>10</sub>		m <sup>3</sup>			de la constante		657.0		
4. Volume of Air Sampled for PM <sub>2.5</sub>				m <sup>3</sup>				24.5	
Environmental Conditions during testing :Temp	$0.25 \pm 5  {}^{\circ}C,$	Rela	tive H	umidity: 4	40 to 52%				
Test Parameter Results			ie Da	THOCOL					
DISCIPLINE – CHEMICAL TESTING	I I MARKEN STATIS	OF GROU		in the state	1992				
Sr. No. Test Parameter U	nit	Result		Permissil	ole Limit		Test	Metho	bd
	/m³	86.9		10	0		IS: 5182	2 (Part	: 23)
	/m³	32.2		6	0		IS 5182	2 (Part	24)
	/m³	27.6		8	D		IS: 518		
	/m³	30.6		8	0	IS: 5182		5182 (Part 6)	
	/m³	6.1		18	0		IS: 518	2 (Par	t 9)
		(MDL:5.0)		40	-		IS: 5182		-
	/	(MDL:1.0)		2.	0		IS: 5182	2 (Part	: 10)
8. Lead (Pb) μg	/m <sup>3</sup> BDL	(MDL:0.5)		1.	0		IS: 5182	2 (Part	: 22)
9. Benzene μg	/m³ BDL	(MDL:1.0)		5.	0		IS: 518	2 (Par	t11)
10. Benzo(a)Pyrene (BaP) ng	/m³ BDL	(MDL:0.1)		1.	0		IS: 5182	2 (Part	: 12)
11. Nickel ng	/m <sup>3</sup> BDL	(MDL:1.0)		2	0		IS: 5182	2 (Part	: 26)
12. Arsenic ng	/m <sup>3</sup> BDL	(MDL:1.0)		6.	0		IS: 5182	2 (Part	: 22)
	/m³	6.5					IS: 5182	82 (Part 19)	
		(MDL:1.0)					IS: 5182	<u>2 (Part</u>	

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MON	ITORIN	IG)						
Test Report No.:	URA/2	5/02/AIL-J/A-030	Repo	ort Issu	e Dat	е		04/03/2	2025		
Service Request form No.	: URA/SI	A/SRF/02/030 Service Request Date 17/02/2025									
Sample ID No.:	URA/IC	)/A-25/02/030	Field	Data S	heet	No.		URA/FD	)S/A-25/	02/03	0
Name & Add. of Custome	M/s. A	ARTI INDUSTRIES LIN	/ITED.								
	PLOT N	O. 756/2 A&B, 756/3	3 A&B, 7	56/4 A	&В,						
	756/5/	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC E	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	17/02/	17/02/2025 Date of Testing 18/02/2025									
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / Mo	onitoring:	AAQM station - 3 I	Near CLE	3 Plant							
<b>Environmental Conditions</b>	during	Temp.:	Min.:	19	<sup>0</sup> C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	22	%	Max.:	78	%	Avg.:	48	%
Details of Master Instr	ument Used	for Monitoring									
Instrument Id No.	Ins	trument Name	9	Serial N	lumb	er	Ca	ili. Date	Nex	t Cali.	Date
UERL/AIR/RDS/06	Respir	able Dust Sampler		15040	3D06	2	28/	/03/2024	27	7/03/2	025
UERL/AIR/FPS/06	Fine P	articulate Sampler		21020	)2149	)	28/	/03/2024	27	7/03/2	025
General Sampling / Me	onitoring Ob	servation as per CPC	B Guide	line							
Sr No	Desc	rintion			nit of	moasur	mont	F I	Ohs	orvati	on

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.44
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1657.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5
Environi	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC15	3452500001190F												
Test Repo	rt No.:	URA/25	5/02/AI	L-J/A-034	Re	port Issu	e Dat	е		04/03/2	2025		
Service Re	quest form No.:	URA/SR	RF/02/0	34	Sei	vice Req	uest	Date		20/02/2	2025		
Sample ID	No.:	URA/ID	/A-25/0	02/034	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/03	4
Name & A	dd. of Customer	M/s. A	ARTI IN	DUSTRIES L	IMITED	•							
			-	2 A&B, 756		-							
				6/6, 756/7,									
				IHAGADIA, [				RAT					
Dates of Sa		20/02/2			Da	te of Tes	ting			21/02/2	2025		
1 0	Procedure:	•	CPCB Guidelines										
	f Sampling / Monito		-	A station - 1				-	-				
	ental Conditions dur	ring	Temp		Min		٥C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :				lumidity:	Min	.: 23	%	Max.:	64	%	Avg.:	41	%
	of Master Instrume												
	ument Id No.			t Name		Serial N				i. Date		t Cali.	
-	/AIR/RDS/04			st Sampler		21010				)3/2024		/03/2	
	/AIR/FPS/04			te Sampler		21020	)2145		28/0	)3/2024	27	/03/2	025
	I Sampling / Monit			on as per CF	PCB Gui								
Sr. No.			iption			U	nit of	measure	ment		Observation		on
1.	Monitoring Dur	3160				h				24.16			
2.	Flow Rate of PN				1			m <sup>3</sup> /min			1.13		
3.	Volume of Air S						and a	m <sup>3</sup>	1			.638.0	
4.	Volume of Air S	•						m <sup>3</sup>				24.2	
	mental Conditions	during to	esting :	Temp.: 25 ±	5 °C,	Rela	tive H	lumidity:	40 to !	52%			
	rameter Results		5 16 166 <i>(</i> 5.)	at and D							~		
	E – CHEMICAL TEST		HILE	il dill f	1.		JP - 4	TMOSPH	ALL PARTY				
Sr. No.	Test Para	meter		Unit	R	esult		Permissi	ble Lir	nit	Test	Meth	bd
1.	Particulate Matter	PM10		µg/m³		78.7		10	00		IS: 518	2 (Part	: 23)
2.	Particulate Matter	PM <sub>2.5</sub>		µg/m³		23.1		6	0		IS 518	2 (Part	24)
3.	Sulphur Dioxide			µg/m³		16.7		8	0		IS: 518		,
4.	Nitrogen Dioxide			µg/m³		19.2		8	0	)		32 (Par	
5.	Ozone			µg/m³	BDL (	MDL:5.0)	)	18	30		IS: 518		,
6.	Ammonia (NH₃)			µg/m³		7.3			00		IS: 518		,
7.	Carbon Monoxide	(CO)		mg/m <sup>3</sup>	BDL (	MDL:1.0)	)	2	.0		IS: 518	2 (Pari	: 10)
8.	Lead (Pb)			µg/m³	BDL (	MDL:0.5)	)	1	.0		IS: 518	2 (Pari	: 22)
9.	Benzene			µg/m³	BDL (	MDL:1.0)	)	5	.0		IS: 518	32 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)		ng/m³	BDL (	MDL:0.1)	)	1	.0		IS: 518	2 (Par	: 12)
11.	Nickel			ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	2	0		IS: 518	2 (Par	: 26)
12.	Arsenic			ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	6	.0		IS: 518	2 (Par	: 22)
13.	Chlorine (Cl <sub>2</sub> )			µg/m³		4.9 IS: 5		IS: 518	2 (Par	: 19)			
14.	Volatile Organic Co	pmpound		µg/m³	BDL (	MDL:1.0)	)	-	-		IS: 518	2 (Part	:-11)
Remarks:													

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

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GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MON	ITORIN	IG)						
Test Report No.:	URA/2	5/02/AIL-J/A-034	Repo	ort Issu	e Dat	е		04/03/2	2025		
Service Request form No.	: URA/SF	A/SRF/02/034 Service Request Date 20/02/2025									
Sample ID No.:	URA/ID	RA/ID/A-25/02/034 Field Data Sheet No. URA/FDS/A-25/02/034								4	
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	/ITED.								
	PLOT N	O. 756/2 A&B, 756/3	3 A&B, 7	56/4 A	&В,						
	756/5	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC E	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	20/02/	20/02/2025 Date of Testing 21/02/2025									
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / Mo	nitoring:	AAQM station - 1 I	Near PD	A Gate	2 (Sa	fety offic	ce)				
<b>Environmental Conditions</b>	during	Temp.:	Min.:	21	٥C	Max.:	32	٥C	Avg.:	26	°C
Sampling :		Rel. Humidity:	Min.:	23	%	Max.:	64	%	Avg.:	41	%
Details of Master Instr	ument Used	for Monitoring									
Instrument Id No.	Ins	trument Name	•,	Serial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/04	Respir	able Dust Sampler		21010	)3157	,	28/	03/2024	27	7/03/2	025
UERL/AIR/FPS/04	Fine Pa	articulate Sampler		21020	)2145		28/	03/2024	27	7/03/2	025
General Sampling / Mo	onitoring Ob	servation as per CPC	B Guide	line							
Sr No	Desc	rintion		11	nit of	measur	amont		Oho	orvati	on

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.16
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1638.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
- Environ	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	17.7		UERL/AIR/SOP/07			
Remarks:								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







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ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

### TEST REPORT (AMBIENT AIR MONITORING)

<u> </u>	53452500001191F											
Test Report No.:         URA/25/02/AIL-J/A-035         Report Issue           Convine Report No.:         URA/25/02/02/         Convine Report Issue						e Dat	e	04/	′03/2	025		
Service R	equest form No.:	URA/SF	F/02/035	Ser	vice Req	uest	Date	24/	'02/2	025		
Sample ID	D No.:	URA/ID	/A-25/02/035	Fie	ld Data S	Sheet	No.	UR	A/FD	S/A-25/0	02/03	5
Name & A	Add. of Customer	-	ARTI INDUSTRIES LII									
			O. 756/2 A&B, 756/	-	-							
			&В, 756/6, 756/7, 7									
			STATE, JHAGADIA, D				RAT					
Dates of S		24/02/2		Dat	te of Tes	ting		25/	02/2	025		
1 0	Procedure:		er CPCB Guidelines									
	of Sampling / Monit	0	AAQM station - 2 Near Security Gate (Hydrogen Plant)									
	ental Conditions du	ring	Temp.:	Min		°C	Max.:		<sup>о</sup> С	Avg.:	26	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 18	%	Max.:	60	%	Avg.:	35	%
	s of Master Instrum			<u> </u>						1		_
	ument ld No.		rument Name		Serial N			Cali. D			t Cali.	
	L/AIR/RDS/05		ble Dust Sampler		150403D072 28/03/2024					/03/2		
	L/AIR/FPS/05		irticulate Sampler		21020	)2144		28/03/2	2024	27	/03/2	)25
	al Sampling / Monit			CB Guid			•			Oha		
Sr. No.		ACT AND A DECIMAL OF A DECIMA OF A DECIMAL OF A DECIMAL O	iption	-	Unit of measurement			Observation 24.24		on		
<u> </u>	Monitoring Du	360		-	h				1.08			
	Flow Rate of Pl Volume of Air S				m <sup>3</sup> /min					1.08 570.8		
3. 4.	Volume of Air S				m <sup>3</sup>			1 and		24.3		
	nmental Conditions			5.00	Pola	tivo F	lumidity:	10 to 52%	all and		24.5	
	arameter Results	during t		J C,	Reid	ilive i	rannarcy.	40 10 527				
	IE – CHEMICAL TEST	ING	versiont and Re	NAME	OF GRO	JP – A	ТМОЗРН	ERIC POL	LUTI	ON		
Sr. No.	Test Para		Unit	1000		9 ()   -	Who hash his	States and				
1.	Particulate Matter			K	esult		Permissi	ble Limit		Test	Metho	bd
		• PM10										
2	Particulate Matter		μg/m <sup>3</sup>	8	80.6		10	0		IS: 5182	2 (Part	23)
2. 3.	Particulate Matter Sulphur Dioxide		μg/m <sup>3</sup> μg/m <sup>3</sup>	8	30.6 28.8		10 6	0		IS: 5182 IS 5182	2 (Part 2 (Part	23) 24)
3.	Sulphur Dioxide		μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	2	30.6 28.8 30.9		10 6 8	00 0 0		IS: 5182 IS 5182 IS: 518	2 (Part 2 (Part 2 (Par	23) 24) t 2)
3. 4.			μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	2	30.6 28.8 30.9 34.6		10 6	00 D D D D		IS: 5182 IS 5182 IS: 518 IS: 518	2 (Part 2 (Part 2 (Par 2 (Par 2 (Par	23) 24) t 2) t 6)
3.	Sulphur Dioxide Nitrogen Dioxide Ozone		μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>		30.6 28.8 30.9 34.6 7.1		10 6 8 8	00 0 0 0 0 0		IS: 5182 IS 5182 IS: 518	2 (Part 2 (Part 2 (Par 2 (Par 2 (Par 2 (Par	23) 24) t 2) t 6) t 9)
3. 4. 5.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	<sup>r</sup> PM <sub>2.5</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>		30.6         28.8         30.9         34.6         7.1         8.9		10 6 8 8 18	00 00 00 00 00		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25)
3. 4. 5. 6. 7.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	<sup>r</sup> PM <sub>2.5</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> 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>	8 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	80.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0		10 6 8 8 18 40 2.	00 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518 IS: 5182 IS: 5182	2 (Part 2 (Part 2 (Par 2 (Par 2 (Par 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10)
3. 4. 5. 6. 7. 8.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	<sup>r</sup> PM <sub>2.5</sub>	μg/m³	8 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	30.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5	)	10 6 8 8 18 40 2. 1.	00 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5183	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22)
3. 4. 5. 6. 7. 8. 9.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	(CO)	μg/m³	8 2 3 3 8 8 0 1 8 0 1 8 0 1 8 0 1 8 0 1 8 0 1 8 0 1 8 0 1 8 0 1 8 1 8	30.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5 MDL:1.0	)	10 6 88 88 18 40 2. 1. 5.	00 0 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5182 IS: 5182	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) :11)
3. 4. 5. 6. 7. 8.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E	(CO)	μg/m³	BDL (I BDL (I BDL (I BDL (I BDL (I	30.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5 MDL:0.1	)	10 6 8 8 18 40 2. 1.	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5183 IS: 5183 IS: 5183 IS: 5183	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 25) 10) 22) 11) 12)
3. 4. 5. 6. 7. 8. 9. 10. 11.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel	(CO)	μg/m³           ηg/m³           ng/m³           ng/m³	BDL (1 BDL (1 BDL (1 BDL (1 BDL (1 BDL (1	80.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5 MDL:1.0 MDL:0.1	)	10 6 8 8 18 40 2. 1. 5. 1. 5.	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5182 IS: 5183 IS: 5183 IS: 5183 IS: 5183	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) t11) 12) 26)
3. 4. 5. 6. 7. 8. 9. 10.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel Arsenic	(CO)	μg/m³           ηg/m³           ng/m³           ng/m³           ng/m³	BDL (1 BDL (1 BDL (1 BDL (1 BDL (1 BDL (1 BDL (1 BDL (1	30.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5 MDL:0.1 MDL:0.1 MDL:1.0	) ) ) )	10 6 8 8 18 40 2. 1. 5. 5.	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5183 IS: 5183 IS: 5183 IS: 5183	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) 11) 12) 26) 22)
3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel	(CO) (CO)	μg/m³           μg/m³	BDL (I BDL (I BDL (I BDL (I BDL (I BDL (I BDL (I BDL (I BDL (I	80.6 28.8 30.9 34.6 7.1 8.9 MDL:1.0 MDL:0.5 MDL:1.0 MDL:0.1	) ) ) )	10 6 8 8 18 40 2. 1. 5. 1. 5. 2 6.	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		IS: 5182 IS 5182 IS: 518 IS: 518 IS: 5182 IS: 5182 IS: 5182 IS: 5182 IS: 5182 IS: 5182 IS: 5182 IS: 5182 IS: 5183	2 (Part 2 (Part 2 (Par 2 (Par 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) 11) 22) 11) 22) 26) 22) 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	R MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-035	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/035	Servio	e Req	uest	Date		24/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/035	Field	Data S	Sheet	No.		URA/FD	S/A-25	/02/03	5
Name & Add. of Customer	M/s. A	1/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	OT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	24/02/2	2025	Date	of Test	ting			25/02/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monited	oring:	AAQM station - 2 N	Near Sec	urity C	Gate (	Hydroger	n Plar	nt)			
Environmental Conditions du	ring	Temp.:	Min.:	20	<sup>0</sup> C	Max.:	33	°C	Avg.:	26	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	60	%	Avg.:	35	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Ne	xt Cali.	Date
UERL/AIR/RDS/05	Respira	able Dust Sampler	:	15040	3D07	2	28/	/03/2024	2	7/03/2	025
UERL/AIR/FPS/05	Fine Pa	Fine Particulate Sampler         210202144         28/03/2024         27/03/2025									
General Sampling / Monit	<ul> <li>General Sampling / Monitoring Observation as per CPCB Guideline</li> </ul>										

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.24
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1570.8
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3
Environn	nental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iment an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	μg/m³	17.7		UERL/AIR/SOP/07			
Remarks:								

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001192F											
Test Report No.:	URA/25	5/02/AIL-J/A-03	6 Re	port Issu	e Dat	e		04/03/2	2025		
Service Request form No.:	URA/SR	F/02/036	Se	rvice Req	uest	Date		20/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/036	Fie	eld Data S	Sheet	No.		URA/FD	S/A-25/	02/03	5
Name & Add. of Customer	M/s. A	ARTI INDUSTRIE	S LIMITED	).							
	PLOT N	O. 756/2 A&B, 7	′56/3 A&B	, 756/4 A	&В,						
		&B, 756/6, 756									
		STATE, JHAGADI				RAT					
Dates of Sampling:	20/02/2			ite of Tes	ting			21/02/2	2025		
Sampling Procedure:		CPCB Guidelines									
Location of Sampling / Monito	-	AAQM station				1			1		
Environmental Conditions dur	ring	Temp.:	Mir		<sup>0</sup> C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:		n.: 23	%	Max.:	64	%	Avg.:	41	%
Details of Master Instrume									-		
Instrument Id No.		rument Name		Serial N				i. Date		t Cali.	
UERL/AIR/RDS/06		able Dust Sampl		15040				)3/2024		/03/2	
UERL/AIR/FPS/06		irticulate Sampl		21020	)2149		28/0	)3/2024	27	/03/2	)25
General Sampling / Monit			r CPCB Gu	1				r			
Sr. No.	Concernance of the second	iption	4	Unit of measuremen			ment				on
1. Monitoring Dur	364				h					23.93	
2. Flow Rate of PN					m <sup>3</sup> /min					1.07	
3. Volume of Air S				3	and a	m <sup>3</sup>	100	-		536.3	
4. Volume of Air S						m <sup>3</sup>	And all	-		24.0	
Environmental Conditions	during to	esting : Temp.: 2	.5 ± 5 °C,	Rela	tive H	lumidity:	40 to 5	52%			
Test Parameter Results		www.	Danag								
DISCIPLINE – CHEMICAL TEST		<u>annen, äng</u>	1 1000000000000000000000000000000000000		JP - 4	TMOSPH	Auge P				
Sr. No. Test Para	meter	Unit		Result		Permissi	ble Lin	nit	Test	Metho	bd
1. Particulate Matter	PM10	μg/m³		71.3		100		00		2 (Part	: 23)
2. Particulate Matter	PM <sub>2.5</sub>	μg/m³		21.7		6	0		IS 518	2 (Part	24)
3. Sulphur Dioxide		μg/m³		23.8		8	0		IS: 518		,
4. Nitrogen Dioxide		μg/m³		24.6		80				32 (Par	
5. Ozone		μg/m³		15.7		18	30		IS: 518		
6. Ammonia (NH <sub>3</sub> )		μg/m³		16.3			00		IS: 518		
7. Carbon Monoxide	(CO)	mg/m <sup>3</sup>		(MDL:1.0)	)	2.0			IS: 518	2 (Part	: 10)
8. Lead (Pb)		μg/m³	BDL	(MDL:0.5)	)	1	.0		IS: 518	2 (Part	: 22)
9. Benzene		μg/m³	BDL	(MDL:1.0)	)	5	.0		IS: 518	2 (Par	t11)
10. Benzo(a)Pyrene (B			BDL	(MDL:0.1)	)	1	.0		IS: 518	2 (Part	: 12)
11. Nickel		ng/m <sup>3</sup>		(MDL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
12. Arsenic		ng/m <sup>3</sup>		(MDL:1.0)	)	6	.0		IS: 518	2 (Part	: 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m³	BDL	(MDL:2.0)	)	-	-		IS: 518	2 (Part	: 19)
14. Volatile Organic Co	ompound	μg/m³	BDL	(MDL:1.0)	)	-	-		IS: 518	2 (Part	-11)
Remarks:											

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/2	5/02/AIL-J/A-036	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	/SRF/02/036 Service Request Date 20/02/2025									
Sample ID No.:	URA/ID	/A-25/02/036	Field	Data S	heet	No.		URA/FD	)S/A-25/	02/03	6
Name & Add. of Customer	M/s. A	//s. AARTI INDUSTRIES LIMITED.									
	PLOT N	OT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	20/02/2	D/02/2025 Date of Testing 21/02/2025									
Sampling Procedure:	As per 0	As per CPCB Guidelines									
Location of Sampling / Monite	oring:	AAQM station - 3 I	Near CLB	Plant							
Environmental Conditions du	ring	Temp.:	Min.:	21	٥C	Max.:	32	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	23	%	Max.:	64	%	Avg.:	41	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	t Cali.	Date
UERL/AIR/RDS/06	Respira	Respirable Dust Sampler 150403D062 28/03/2024 27/03/2025									
UERL/AIR/FPS/06	Fine Pa	Fine Particulate Sampler         210202149         28/03/2024         27/03/2025									
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine			•		•		

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.93
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.07
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1536.3
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
Environr	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	9.0		UERL/AIR/SOP/07				
Remarks:									

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001196F											
Test Report No.:	URA/25	5/02/AIL-J/A-040	Rep	ort Issu	e Dat	e		04/03/2	025		
Service Request form No.:	URA/SF	F/02/040	Ser	vice Req	uest	Date		24/02/2	025		
Sample ID No.:	URA/ID	/A-25/02/040	Fiel	d Data S	Sheet	No.		URA/FD	S/A-25/	02/04	0
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LII	MITED.								
		O. 756/2 A&B, 756/	-	-							
		\&B, 756/6, 756/7, 7									
		STATE, JHAGADIA, D				RAT					
Dates of Sampling:	24/02/2		Dat	e of Test	ting			25/02/2	2025		
Sampling Procedure:		CPCB Guidelines									
Location of Sampling / Monit	-	AAQM station - 1	1		· ·	fety offic	e)				
Environmental Conditions du	iring	Temp.:	Min.		٥C	Max.:	33	٥C	Avg.:	26	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.	: 18	%	Max.:	60	%	Avg.:	35	%
Details of Master Instrum											
Instrument Id No.		rument Name		Serial N				i. Date		t Cali.	
UERL/AIR/RDS/04		able Dust Sampler		21010				3/2024		/03/2	
UERL/AIR/FPS/04		irticulate Sampler		21020	02145		28/0	3/2024	27	/03/2	025
General Sampling / Moni			CB Guid								
Sr. No.		iption	1	U	nit of	measure	ment		Observation		
1. Monitoring Du	2160	h							24.28		
2. Flow Rate of P	10.0		1	m³/min					1.09		
3. Volume of Air			m <sup>3</sup>				- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		587.9		
4. Volume of Air						m³				24.3	
Environmental Condition	s during to	esting :Temp.: 25 ±	5 °C,	Rela	tive H	lumidity:	40 to !	52%			
Test Parameter Results		maant and Br		احدلمه	Pi		San an				
DISCIPLINE – CHEMICAL TES	ING	<u>nnen zno re</u>	NAME	JF GROU	UP – 4	TMOSPH	IERIC F	OLLUTI	ON		
Sr. No. Test Para	meter	Unit		esult		Permissi	ble Lin	nit	Test	Meth	bd
1. Particulate Matte	r PM10	μg/m <sup>3</sup>	7	4.4		100			IS: 5182 (Par		
2. Particulate Matte	r PM2.5	μg/m <sup>3</sup>	2	3.3		6	0		IS 5182	2 (Part	24)
3. Sulphur Dioxide		μg/m³		9.9		8	0		IS: 518		
4. Nitrogen Dioxide		μg/m <sup>3</sup>		3.6		8	0		IS: 518		
5. Ozone		μg/m <sup>3</sup>		5.3		18	80		IS: 518		,
6. Ammonia (NH₃)		μg/m³	5	8.1		40	00		IS: 518	2 (Pari	: 25)
7. Carbon Monoxide	e (CO)	mg/m <sup>3</sup>	BDL (N	/DL:1.0)	)	2	.0		IS: 518	2 (Parl	: 10)
8. Lead (Pb)		μg/m³	BDL (N	ADL:0.5)	)	1	.0		IS: 518	2 (Pari	: 22)
9. Benzene		μg/m <sup>3</sup>	BDL (N	ADL:1.0)	)	5	.0		IS: 518	2 (Par	t11)
10. Benzo(a)Pyrene (	BaP)	ng/m <sup>3</sup>	BDL (N	ADL:0.1)	)	1	.0		IS: 518	2 (Pari	: 12)
11. Nickel		ng/m <sup>3</sup>	BDL (N	ADL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
12. Arsenic		ng/m <sup>3</sup>	BDL (N	ADL:1.0)	)	6	.0		IS: 518	2 (Part	: 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>	(	6.5					IS: 518	2 (Part	: 19)
14. Volatile Organic C	ompound		BDL (N	ADL:1.0)	)		-		IS: 518	2 (Part	-11)
			-								

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	R MONI	TORIN	G)						
Test Report No.:	URA/25	5/02/AIL-J/A-040	Repor	t Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	/SRF/02/040 Service Request Date 24/02/2025									
Sample ID No.:	URA/ID	A/ID/A-25/02/040 Field Data Sheet No. URA/FDS/A-25/02/040							0		
Name & Add. of Customer	M/s. A	/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	DT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	C ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	24/02/2	4/02/2025 Date of Testing 25/02/2025									
Sampling Procedure:	As per (	s per CPCB Guidelines									
Location of Sampling / Monited	oring:	AAQM station - 1 N	Near PDA	Gate	2 (Sa	fety offic	:e)				
Environmental Conditions du	ring	Temp.:	Min.:	20	٥C	Max.:	33	<sup>0</sup> C	Avg.:	26	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	60	%	Avg.:	35	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Ne	kt Cali.	Date
UERL/AIR/RDS/04	Respira	Respirable Dust Sampler 210103157 28/03/2024 27/03/2025									
UERL/AIR/FPS/04	Fine Pa	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025									
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.28
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.09
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1587.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3
Environ	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iman' gr	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	17.7		UERL/AIR/SOP/07				
Remarks:									

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

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### TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC15	3452500001197F														
Test Repo	rt No.:	URA/25	5/02/AI	L-J/A-041	Re	port Issu	e Dat	е		04/03/2	2025				
Service Re	equest form No.:	URA/SR	RF/02/04	41	Sei	vice Req	uest	Date		27/02/2	2025				
Sample ID	No.:	URA/ID	/A-25/0	2/041	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	′02/04	1		
Name & A	dd. of Customer	M/s. A	ARTI INI	DUSTRIES L	IMITED	•									
				2 A&B, 756		-									
				6/6, 756/7,											
			ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT												
Dates of S		27/02/2			Da	te of Tes	ting			28/02/2	2025				
	Procedure:		1	uidelines											
	of Sampling / Monito	-		A station - 2						,	1				
	ental Conditions du	ing	Temp		Min		٥C	Max.:	35	٥C	Avg.:	28	<sup>0</sup> C		
Sampling :				umidity:	Min	.: 19	%	Max.:	49	%	Avg.:	33	%		
	of Master Instrum														
	ument Id No.		rument			Serial N				i. Date		t Cali.			
	/AIR/RDS/05			st Sampler		15040				)3/2024		7/03/2			
	/AIR/FPS/05			e Sampler		2102	02144		28/0	)3/2024	27	7/03/2	025		
	al Sampling / Monit			on as per Cl	PCB Gui										
Sr. No.			iption	$\sim$		U	Init of	measure	ment		Observation		on		
1.	Monitoring Dur	2100		1	h						24.23				
2.	Flow Rate of PN					m <sup>3</sup> /min					1.11				
3.	Volume of Air S				1	m <sup>3</sup>			and the second		.613.7				
4.	Volume of Air S							m <sup>3</sup>				24.3			
	nmental Conditions	during te	esting :	Гетр.: 25 ±	: 5 °C,	Rela	ative H	lumidity:	40 to 5	52%					
	rameter Results		5 (65 (555) <i>(5</i> 5 (	d and D		امطعا	- D	المفاحك	And All						
	E – CHEMICAL TEST	ING	<u>hini</u>	I and r	1.00			тмозрн	ALL P	100					
Sr. No.	Test Para	neter		Unit		esult		Permissi	ble Lin	nit	Test	Meth	bd		
1.	Particulate Matter	PM10		µg/m³	-	76.8		10	00		IS: 518				
2.	Particulate Matter	PM <sub>2.5</sub>		µg/m³		31.1		6	0		IS 518				
3.	Sulphur Dioxide			µg/m³		17.6		8	-			32 (Par			
4.	Nitrogen Dioxide			µg/m³		19.1		8	0	)		32 (Par			
5.	Ozone			µg/m³	BDL (	MDL:5.0	)	18	30			32 (Par	'		
6.	Ammonia (NH₃)			µg/m³		8.9		40			IS: 518		-		
7.	Carbon Monoxide	(CO)		mg/m <sup>3</sup>	BDL (	MDL:1.0	)	2.	.0		IS: 518	2 (Part	: 10)		
8.	Lead (Pb)			µg/m³	BDL (	MDL:0.5	)	1.	.0		IS: 518	2 (Pari	: 22)		
9.	Benzene			µg/m³	-	MDL:1.0		5.	.0		IS: 518				
10.	Benzo(a)Pyrene (B	e (BaP) ng/m <sup>3</sup>			BDL (	MDL:0.1	)	1.	.0		IS: 518				
11.	Nickel			ng/m³		MDL:1.0		2	0		IS: 518	2 (Pari	: 26)		
12.	Arsenic			ng/m³	BDL (	MDL:1.0	)	6.	.0		IS: 518	2 (Part	: 22)		
13.	Chlorine (Cl <sub>2</sub> )			µg/m³		7.3						IS: 5182 (Par		2 (Par	: 19)
14.	Volatile Organic Co	mpound		µg/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Part	:-11)		
Remarks:															

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

**Note:** This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

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## TEST REPORT

		(AMBIENT A	R MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-041	Repo	rt Issu	e Dat	e		04/03/2	2025		
Service Request form No.:	URA/SF	/SRF/02/041 Service Request Date 27/02/2025									
Sample ID No.:	URA/ID	/ID/A-25/02/041 Field Data Sheet No. URA/FDS/A-25/02/041							1		
Name & Add. of Customer	M/s. A	/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	DT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	C ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	27/02/2	7/02/2025 Date of Testing 28/02/2025									
Sampling Procedure:	As per (	s per CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 2 I	Near Sec	urity (	Gate (	Hydrogei	n Plar	nt)			
Environmental Conditions du	ring	Temp.:	Min.:	23	<sup>0</sup> C	Max.:	35	<sup>0</sup> C	Avg.:	28	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	49	%	Avg.:	33	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Ne	xt Cali.	Date
UERL/AIR/RDS/05	Respira	Respirable Dust Sampler 150403D072 28/03/2024 27/03/2025									
UERL/AIR/FPS/05	Fine Pa	Fine Particulate Sampler         210202144         28/03/2024         27/03/2025									
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.23
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1613.7
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3
Environr	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	26.5		UERL/AIR/SOP/07			
Remarks:								

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

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### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001198											
Test Report No.:	URA/2	5/02/AIL-J/A-042	Re	port Issu	e Dat	e		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/042	Se	vice Req	uest	Date		24/02/2	2025		
Sample ID No.:	URA/ID	/A-25/02/042	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/04	2
Name & Add. of Customer		ARTI INDUSTRIES									
		O. 756/2 A&B, 75	• •	•	,						
		A&B, 756/6, 756/7									
		STATE, JHAGADIA,				RAT					
Dates of Sampling:	24/02/		Date of Testing 25/02/202						/2025		
Sampling Procedure:		CPCB Guidelines									
Location of Sampling / Mor	-	AAQM station -	1								
Environmental Conditions of	uring	Temp.:				33	٥C	Avg.:	26	٥C	
Sampling :		Rel. Humidity:	Min	.: 18	%	Max.:	60	%	Avg.:	35	%
Details of Master Instru							1				
Instrument Id No.		trument Name		Serial N				i. Date		t Cali.	
UERL/AIR/RDS/06	-	able Dust Sampler		15040				03/2024		/03/2	
UERL/AIR/FPS/06		articulate Sampler		2102	02149		28/0	03/2024	27	/03/2	025
General Sampling / More	-	•	CPCB Gui								
Sr. No.		ription	1	Unit of measurement					Observation		
1. Monitoring D	- 3fo			h				24.43			
2. Flow Rate of	1910.0			m <sup>3</sup> /min					1.11		
3. Volume of Ai				m <sup>3</sup>					627.0		
4. Volume of Ai						m <sup>3</sup>	10	520/		24.5	
Environmental Conditio	ns during t	esting:Temp.: 25	±5°C,	Rela	ative F	lumidity:	40 to .	52%			
Test Parameter Results		han taaaa	NANAE		66 D	TMOSPH					
DISCIPLINE – CHEMICAL TE		<u>Anten ana I</u>	100000000000000000000000000000000000000			9 ha 100 h hair	All Providence	100			
Sr. No. Test Pa	ameter			Result Permissible Limit				nit	t Test Met		bd
1. Particulate Matt			00		IS: 518	2 (Part	t 23)				
2. Particulate Matt	er PM <sub>2.5</sub>	μg/m³		30.4		6	60		IS 5182	2 (Part	24)
3. Sulphur Dioxide		μg/m³		20.9		8	0		IS: 518		
4. Nitrogen Dioxide	2	μg/m³		21.8		<b>80</b> IS: 5		IS: 5182 (Pa		t 6)	
5. Ozone		μg/m³	-	15.0		1	80		IS: 518		
6. Ammonia (NH <sub>3</sub> )		μg/m³		17.6	400				IS: 518		
7. Carbon Monoxid	e (CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0	)	2	.0		IS: 518		
8. Lead (Pb)		μg/m³	BDL (	MDL:0.5	)		.0		IS: 518		
9. Benzene		μg/m³		MDL:1.0			.0		IS: 518		
10. Benzo(a)Pyrene	(BaP)	ng/m <sup>3</sup>	BDL (	MDL:0.1	)	1	.0		IS: 518		
11. Nickel		ng/m³	BDL (	MDL:1.0	)	2	20		IS: 518	2 (Part	t 26)
12. Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 518	2 (Part	t 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m³	BDL (	MDL:2.0	)		-		IS: 518	2 (Part	t 19)
14. Volatile Organic	Compound	l μg/m³	BDL (	MDL:1.0	)	-	-		IS: 518	2 (Part	:-11)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

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## TEST REPORT

		(AMBIENT A	IR MON	ITORIN	G)						
Test Report No.:	URA/2	5/02/AIL-J/A-042	Repo	ort Issu	e Dat	е		04/03/2	2025		
Service Request form No	o.: URA/SF	RF/02/042	Servi	ce Req	uest	Date		24/02/2025			
Sample ID No.:	URA/ID	/A-25/02/042	Field	Data S	heet	No.		URA/FD	)S/A-25/	02/04	2
Name & Add. of Custom	er M/s. A	M/s. AARTI INDUSTRIES LIMITED.									
	PLOT N	O. 756/2 A&B, 756/3	A&B, 7	56/4 A	&В,						
	756/5 4	56/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC E	IDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	24/02/	24/02/2025 Date of Testing 25/02/2025									
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / N	lonitoring:	AAQM station - 3 I	Near CLE	3 Plant							
<b>Environmental Condition</b>	is during	Temp.:	Min.:	20	٥C	Max.:	33	°C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	60	%	Avg.:	35	%
Details of Master Inst	rument Used	for Monitoring									
Instrument Id No.	Inst	rument Name	0,	Serial N	lumb	er	Ca	li. Date	Nex	ct Cali.	Date
UERL/AIR/RDS/06	Respir	able Dust Sampler		15040	3D06	2	28/	/03/2024	27	7/03/2	025
UERL/AIR/FPS/06	S/06 Fine Particulate Sampler 210202149 28/03/2024 27/03/2025					025					
General Sampling / N	lonitoring Ob	servation as per CPC	B Guide	line							
Sr. No. Description Unit of measurement Observation											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.43
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1627.0
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5
Environr	mental Conditions during testing :Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07				
Remarks:									

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







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### TEST REPORT (AMBIENT AIR MONITORING)

	53452500001202F											
Test Repo	ort No.:	URA/25	5/02/AIL-J/A-046	Repo	rt Issue I	Date	9		04/03/2	2025		
Service R	equest form No.:	URA/SF	RF/02/046	Servio	ce Reque	est D	Date		27/02/2	2025		
Sample II	D No.:	URA/ID	/A-25/02/046	Field	Data She	eet I	No.		URA/FD	S/A-25/	02/04	5
Name & /	Add. of Customer	M/s. A	ARTI INDUSTRIES LII	MITED.								
			O. 756/2 A&B, 756/3	-	-							
			\&B, 756/6, 756/7, 7									
			STATE, JHAGADIA, D	1			AT					
	Sampling:	27/02/2		Date	of Testin	g			28/02/2	2025		
	Procedure:		CPCB Guidelines									
	of Sampling / Monit	-	AAQM station - 1	Т		<u> </u>		•				
	nental Conditions du	ring	Temp.:	Min.: 23 °C Max.: 35			<sup>0</sup> C	Avg.:	28	<sup>0</sup> C		
Sampling			Rel. Humidity:	Min.: 19 % Max.: 49			%	Avg.:	33	%		
	s of Master Instrum			-								_
	rument Id No.		rument Name	S	erial Nu		er		i. Date		t Cali.	
	L/AIR/RDS/04	•	able Dust Sampler		210103				)3/2024		7/03/20	
	L/AIR/FPS/04		articulate Sampler		210202	145		28/0	)3/2024	27	7/03/20	)25
	al Sampling / Monit	-		LB Guidel								
Sr. No.	1 miles		iption		Unit of measurement					Observation 23.98		on
1.	Monitoring Du	31 fee			h m³/min					1.06		
2. 3.	Flow Rate of PI	6. C.	or DM		m <sup>3</sup>							
<u> </u>	Volume of Air S Volume of Air S				m <sup>3</sup>				<u></u>		.525.1 24.0	
	onmental Conditions			5.00	Polati	(0 H	umidity:	10 to 1	52%		24.0	
	arameter Results	s during t	esting . remp.: 25 ± 0	, C,	Relativ		unnurry.	+0 10 .	5270			
	NE – CHEMICAL TEST	ING	nman' and Ra		GROUP	- A	TRACCOLL	Santa Ana				
Sr. No.	Test Para				E OF GROUP – ATMOSPHERIC POLLU			OLLOII	ON			
1.		meter	Unit	Res		T.	Permissi	ALL PARTY			Metho	od
	Particulate Matte				ult	T.	Permissil	ole Lir		Test		
	Particulate Matter	r PM <sub>10</sub>	μg/m <sup>3</sup>	88.	ult 8	T.	Permissil 10	ole Lir 0		<b>Test</b> IS: 518	2 (Part	23)
2.	Particulate Matte	r PM <sub>10</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup>	88. 29.	ult 8 3	T.	Permissil	ole Lir 0 0		<b>Test</b> IS: 518 IS 518	2 (Part 2 (Part	23) 24)
	Particulate Matter Sulphur Dioxide	r PM <sub>10</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	88. 29. 26.	ult 8 3 7	T.	Permissil 10 6	ole Lir 0 0 0		<b>Test</b> IS: 518 IS 518 IS: 518	2 (Part 2 (Part 32 (Par	23) 24) t 2)
2. 3.	Particulate Matte	r PM <sub>10</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	88. 29.	8 3 7 7	T.	Permissil 10 6 8	ole Lir 0 0 0 0		Test IS: 518 IS 518 IS: 518 IS: 518	2 (Part 2 (Part	23) 24) t 2) t 6)
2. 3. 4.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	r PM <sub>10</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	88. 29. 26. 30. 15.	ult 8 3 7 7 2	T.	Permissil	ole Lir 00 0 0 0 0		Test IS: 518 IS 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	23) 24) t 2) t 6) t 9)
2. 3. 4. 5.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	88. 29. 26. 30.	ult 8 3 7 7 7 2 DL:5.0)	T.	Permissil 10 6 8 8 8 18	ole Lir 0 0 0 0 0 0 0		Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part	23) 24) t 2) t 6) t 9) 25)
2. 3. 4. 5. 6. 7.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m <sup>3</sup> μg/m <sup>3</sup> 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>	88. 29. 26. 30. 15. BDL (MC BDL (MC	ult 8 3 7 7 2 2 2 2 2 2 2 2 2 2 2 2 1:5.0) 2 2:1.0)	T.	Permissil 10 6 8 8 8 8 18 18 40	ole Lir 0 0 0 0 0 0 0 0		Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10)
2. 3. 4. 5. 6.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m³	88. 29. 26. 30. 15. BDL (MI	ult 8 3 7 7 2 DL:5.0) DL:5.0) DL:1.0) DL:0.5)	T.	Permissil 10 6 8 8 18 18 40 2.	ole Lir 0 0 0 0 0 0 0 0 0		Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22)
2. 3. 4. 5. 6. 7. 8.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m³	88. 29. 26. 30. 15. BDL (MC BDL (MC BDL (MC	ult 8 3 7 7 2 DL:5.0) DL:5.0) DL:1.0) DL:0.5) DL:1.0)	T.	Permissil 10 6 8 8 18 40 2. 1. 5.	ole Lir 0 0 0 0 0 0 0 0 0 0		Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 32 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) :11)
2. 3. 4. 5. 6. 7. 8. 9.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m³	88. 29. 26. 30. 15. BDL (MC BDL (MC BDL (MC BDL (MC BDL (MC	ult 8 3 7 7 2 DL:5.0) DL:5.0) DL:0.5) DL:0.5) DL:0.1)	T.	Permissil 10 6 8 8 18 18 40 2. 1.	ole Lir 0 0 0 0 0 0 0 0 0 0 0 0 0		Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) t11) 12)
2. 3. 4. 5. 6. 7. 8. 9. 10.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m³           ηg/m³           ng/m³           ng/m³	88. 29. 26. 30. 15. BDL (MC BDL (MC BDL (MC BDL (MC BDL (MC	ult 8 3 7 7 2 DL:5.0) DL:5.0) DL:1.0) DL:0.5) DL:0.1) DL:1.0)	T.	Permissil 10 6 8 8 18 40 2. 1. 5. 1.	ole Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) t11) 12) 26)
2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (E Nickel Arsenic	r PM <sub>10</sub> r PM <sub>2.5</sub>	μg/m³           ηg/m³           ng/m³           ng/m³           ng/m³	88. 29. 26. 30. 15. BDL (MC BDL (MC BDL (MC BDL (MC BDL (MC	ult 8 3 7 7 2 DL:5.0) DL:5.0) DL:1.0) DL:0.5) DL:0.5) DL:0.1) DL:0.1) DL:0.1) DL:1.0)	T.	Permissil 10 6 8 8 18 40 2. 1. 5. 1. 2	ole Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) 25) 10) 22) 11) 12) 26) 22)
2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene Benzo(a)Pyrene (B Nickel	r PM <sub>10</sub> r PM <sub>2.5</sub> (CO) BaP)	μg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³           ηg/m³	88. 29. 26. 30. 15. BDL (MC BDL (MC BDL (MC BDL (MC BDL (MC BDL (MC	ult 8 3 7 7 2 DL:5.0) DL:0.5) DL:0.1) DL:0.1) DL:0.1) DL:1.0) DL:1.0) DL:1.0) DL:2.0)	T.	Permissil 10 6 8 8 18 40 2. 1. 5. 1. 20 6.	ole Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 10) 22) :11) 12) 26) 22) 22) 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Audrips Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A		TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-046	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	F/02/046	Servio	e Req	uest	Date		27/02/2025			
Sample ID No.:	URA/ID	/A-25/02/046	Field	Data S	heet	No.		URA/FD	S/A-25	/02/04	6
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	IITED.								
	PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	27/02/2	27/02/2025 Date of Testing 28/02/2025									
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	AAQM station - 1 N	Near PDA	Gate	2 (Sa	fety offic	:e)				
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	35	<sup>0</sup> C	Avg.:	28	٥C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	49	%	Avg.:	33	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Ne	xt Cali.	Date
UERL/AIR/RDS/04	Respira	able Dust Sampler		21010	)3157		28/03/2024		27/03/2025		025
UERL/AIR/FPS/04	Fine Pa	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025						025			
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.98
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.06
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1525.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
Environr	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	imen' ar	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	26.8		UERL/AIR/SOP/07				
Remarks:									

**Opinion & Interpretation (if required): BDL**: Below Detection Limit, **MDL**: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi - 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

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ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153	3452500001203F												
Test Report	t No.:	URA/25	5/02/AI	L-J/A-047	Re	port Issu	e Dat	e		04/03/2	025		
Service Rec	quest form No.:	URA/SF	RF/02/0	47	Sei	vice Req	uest	Date		27/02/2	025		
Sample ID I	No.:	URA/ID	/A-25/0	02/047	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/04	7
Name & Ad	ld. of Customer	M/s. A	ARTI IN	DUSTRIES I		•							
			-	2 A&B, 756		-							
				6/6, 756/7,									
				ATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sa	· -	27/02/2			Date of Testing 28/02/2025								
Sampling P			1	uidelines									
	Sampling / Monit			A station -									
	ntal Conditions du	ring	Temp		Min		٥C	Max.:	35	٥C	Avg.:	28	٥C
Sampling :				umidity:	Min	.: 19	%	Max.:	49	%	Avg.:	33	%
	of Master Instrum				-				1				
	ment Id No.			t Name		Serial N				i. Date		t Cali.	
	AIR/RDS/06			st Sampler		15040				)3/2024		/03/2	
-	AIR/FPS/06			te Sampler		21020	02149		28/0	03/2024	27	/03/2	025
	Sampling / Monit			on as per C	PCB Gui								
Sr. No.		ACT AND A DECIMAL OF A DECIMA OF A DECIMAL OF A DECIMAL O	ription			Unit of measurement				Observation		on	
1.	Monitoring Dur	360		1	- 6	h					23.92		
2.	Flow Rate of PM					m³/min					1.12		
3.	Volume of Air S					m <sup>3</sup>				S. 19			
4.	Volume of Air S				L F 0C	m <sup>3</sup> C, Relative Humidity: 40 to 52%				5.20/	24.0		
	mental Conditions ameter Results	s during to	esting :	remp.: 25 :	±5°C,	Rela	ative F	iumiaity:	40 to .	52%			
	– CHEMICAL TEST		ABBA	nt and E	NAME			TMOSPH					
			June	il diu p				Who list who	No. 10	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE			
Sr. No.	Test Para	meter		Unit	R	esult		Permissi	ble Lir			Test Method	
1.	Particulate Matter	<sup>-</sup> PM <sub>10</sub>		µg/m³		83.6		10	00		IS: 518	2 (Part	: 23)
	Particulate Matter	<sup>•</sup> PM <sub>2.5</sub>		µg/m³		33.8		6	0		IS 5182	2 (Part	24)
	Sulphur Dioxide			µg/m³		21.8		8	0		IS: 518		
	Nitrogen Dioxide			µg/m³		23.2		8	0		IS: 518		
-	Ozone			µg/m³		13.0		18	80		IS: 518		,
	Ammonia (NH <sub>3</sub> )			µg/m³		15.5		400		0		2 (Part	,
7.	Carbon Monoxide	arbon Monoxide (CO) mg/m <sup>3</sup> BDL (MDL:1.0)		g/m <sup>3</sup> BDL (MDL:1.0) <b>2.0</b>		2.0		IS: 5182		2 (Part	: 10)		
8.	Lead (Pb)			µg/m³	BDL (	MDL:0.5)	)	1	.0		IS: 518		
9.	Benzene			µg/m³	BDL (	MDL:1.0)	)	5	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	BaP)		ng/m³	BDL (	MDL:0.1)	)	1	.0		IS: 518	2 (Part	: 12)
-	Nickel			ng/m³	BDL (	MDL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
	NICKEI					BDL (MDL:1.0)				6.0		IS: 5182 (Par	
11.	Arsenic			ng/m <sup>3</sup>	BDL (				.0		10.010		. 22)
11. 12.				µg/m³		4.1	,				IS: 518		,
11. 12. 13.	Arsenic	ompound						-				2 (Part	: 19)

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit. \*\*\*\*\*\* End of Report \*\*\*\*\*\*

> Checked By: 2. D. Gohit

**Rajnish Gohil** (Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT A	IR MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-047	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SR	F/02/047	Servio	e Req	uest	Date		27/02/2025			
Sample ID No.:	URA/ID	/A-25/02/047	Field	Data S	heet	No.		URA/FD	)S/A-25/	/02/04	7
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	AITED.								
	PLOT N	O. 756/2 A&B, 756/3	A&B, 75	6/4 A	&В,						
	756/5 A	6/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,									
	GIDC ES	DC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT									
Dates of Sampling:	27/02/2	2025	Date	Date of Testing 2				28/02/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	AAQM station - 3 N	Near CLB	Plant							
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	35	٥C	Avg.:	28	٥C
Sampling :		Rel. Humidity:	Min.:	19	%	Max.:	49	%	Avg.:	33	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Cali. Date		Nex	Next Cali. Date	
UERL/AIR/RDS/06	Respira	able Dust Sampler	:	150403D062			28/03/2024		27/03/2025		025
UERL/AIR/FPS/06	Fine Pa	Fine Particulate Sampler         210202149         28/03/2024         27/03/2025						025			
General Sampling / Monitoring Observation as per CPCB Guideline											

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.92
2.	Flow Rate of PM <sub>10</sub>	//min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1607.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.0
> Environi	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	iman' gr	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	26.9		UERL/AIR/SOP/07				
Remarks:									

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

Page No: 1







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QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

### **TEST REPORT** (AMBIENT AIR MONITORING)

ULR -TC153452500001204F											
Test Report No.:	URA/25	5/02/AIL-J/A-048	Re	port Issu	e Dat	е	04/03	/202	25		
Service Request form No.:	URA/SR	F/02/048	Ser	vice Req	uest	Date	03/02	/202	25		
Sample ID No.:	URA/ID	/A-25/02/048	Fie	ld Data S	Sheet	No.	URA/	FDS/	'A-25/	02/04	8
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LI	MITED								
		O. 756/2 A&B, 756,	-	-							
		&B, 756/6, 756/7,									
		STATE, JHAGADIA, D				RAT					
Dates of Sampling:	03/02/2		Date of Testing 04/02/2025								
Sampling Procedure:		CPCB Guidelines									
Location of Sampling / Monitor	-	AAQM station - 2									
Environmental Conditions dur	ing	Temp.:	Min		٥C	Max.:	28 <sup>0</sup> C		Avg.:	22	<sup>0</sup> C
		Rel. Humidity:	Min	.: 24	%	Max.:	58 %	4	Avg.:	43	%
Details of Master Instrume											
Instrument Id No.		rument Name		Serial N			Cali. Date			t Cali.	
	UERL/AIR/RDS/05 Respirable			15040			28/03/202			/03/2	
UERL/AIR/FPS/05		irticulate Sampler		2102	02144		28/03/202	24	27	/03/2	025
General Sampling / Monit			CB Gui					-			
Sr. No.				U	Init of	measure	ment	Observation		on	
	Monitoring Duration					h				24.27	
ATT 110 ATT 110	ow Rate of PM <sub>10</sub>				- here	m <sup>3</sup> /min				1.16	
	Volume of Air Sampled for PM			3	-	m <sup>3</sup>	and mark	and the second s		689.2	
4. Volume of Air S					(	m <sup>3</sup>				24.3	
Environmental Conditions	during te	esting : Temp.: 25 ±	5°C,	Rela	ative F	lumidity:	40 to 52%				
Test Parameter Results	Louis	nnant and D			16 D	THOCOL	ERIC POLLU	TIO			
DISCIPLINE – CHEMICAL TEST	POIL 6 11 /		1.11.11.11.11.11.11			9 ho 100 h hito	All and a second se	110			
Sr. No. Test Para	neter	Unit	R	esult		Permissi	ble Limit		Test	Metho	bd
1. Particulate Matter	PM10	μg/m³		70.7		10	00		S: 518		
2. Particulate Matter	PM <sub>2.5</sub>	μg/m³		22.9		60			S 5182		
3. Sulphur Dioxide		μg/m³		27.4			0		IS: 518		
4. Nitrogen Dioxide		μg/m³		29.9		80		IS: 5182 (Part 6)		,	
5. Ozone		μg/m <sup>3</sup>		8.8		180		IS: 5182 (Part 9)			
6. Ammonia (NH <sub>3</sub> )		μg/m³		9.7			00		S: 518		
7. Carbon Monoxide	(CO)	mg/m <sup>3</sup>		MDL:1.0		2.	.0		S: 518	•	,
8. Lead (Pb)		μg/m³		MDL:0.5			.0		S: 518		
9. Benzene		μg/m³	-	MDL:1.0		5.			S: 518		
10. Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>		MDL:0.1		1.	.0		S: 518		
11. Nickel		ng/m <sup>3</sup>	-	MDL:1.0		2	0	1:	S: 518	2 (Part	: 26)
12. Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0	13	S: 518	2 (Part	: 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m³		MDL:2.0		-	-	1:	S: 518	2 (Part	: 19)
14. Volatile Organic Co	pmpound	μg/m³	BDL (	MDL:1.0	)	-	-	- 19	S: 5182	2 (Part	-11)
Remarks:											

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: 2. D. Gohit **Rajnish Gohil** 

(Chemist)

Authorized By:

Pulli Pooja Gandhi

(Env. Engineer) UERL/AIR/F-05/05

Page No: 1

Note: This report is subject to Terms and Conditions mentioned overleaf.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

## TEST REPORT

		(AMBIENT AI	R MONI	TORIN	IG)						
Test Report No.:	URA/25	5/02/AIL-J/A-048	Repo	rt Issu	e Dat	е		04/03/2	2025		
Service Request form No.:	URA/SF	RF/02/048	Servio	Service Request Date				03/02/2025			
Sample ID No.:	URA/ID	/A-25/02/048	Field	Field Data Sheet No.			URA/FDS/A-25/02/048			.8	
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	1ITED.								
	PLOT N	LOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,									
	756/5 A	&B, 756/6, 756/7, 75	56/8+9,7	778 &	779,						
	GIDC ES	STATE, JHAGADIA, DIS	ST-BHAR	UCH, (	GUJAI	RAT					
Dates of Sampling:	03/02/2	2025	Date	Date of Testing				04/02/2	2025		
Sampling Procedure:	As per (	As per CPCB Guidelines									
Location of Sampling / Monited	oring:	AAQM station - 2 N	lear Sec	urity G	ate (	Hydrogei	n Plan	t)			
Environmental Conditions du	ring	Temp.:	Min.:	18	٥C	Max.:	28	٥C	Avg.:	22	٥C
Sampling :		Rel. Humidity:	Min.:	24	%	Max.:	58	%	Avg.:	43	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	Cali. Date		kt Cali.	Date
UERL/AIR/RDS/05	Respira	able Dust Sampler	:	15040	3D07	2	28/	28/03/2024		27/03/2025	
UERL/AIR/FPS/05	Fine Pa	articulate Sampler		21020	)2144		28/	/03/2024	27	7/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							
	_						-		~ 1	- 4	

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.27
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.16
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1689.2
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.3
- Environi	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	nen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION				
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method		
1.	Hydrochloric Acid (HCl)	µg/m³	BDL (MDL:5.0)		UERL/AIR/SOP/07		
Remarks:							

Opinion & Interpretation (if required): BDL: Below Detection Limit, MDL: Minimum Detection Limit.

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

D. Gohl

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-05/05

## <u>Annexure-7</u>

## Form No. 37 : Monitoring and Record of Volatile Organic Compounds

	ucts involved in culars of sampli		HOE-CLB, - hed 252, cL2, 1	SCHEEREN			પ્રદુષણ નીવાર	ાશ અંગેનું રજી	525			
Sr.	Location	Identified	Sampling	Air	borne Contami	nation						
NO. અનું ાંબર	mentioned स्थल	contaminated પ્રદુષક્ષની વિગત	Instrument used કયા સાધનથી	Number of Samples નમુનાનો નંબર	Range रेज	Average Nász	TWA concentrations (As given in Second	Reference method રેકરન્સ	Number of workers exposed at the location being monitored	Remarks વિશેષ નોંધ	Signature person taking sample નમુનો લઈ જનાર	Name (In Block Letters
1	2	3	4	5	6	1	Schedule)	9	કામદારની સંખ્યા 10		વ્યક્તિની સહી	નામ
_			Date :-	29/03/15					10	11	12	13
			-				-			-		
1	CLB PLANT	CS2	Joc	10	OPPH	1		1 1 2 2				
	(COSTO 102)		THOMSTOMETT				1 101	PID SEISER	10	HUTH 14	1	
	10051010.0						-	1.10 30 30		P- Artin UT		
2	CUS PLANT	cma	Noc	(0)	0.004	4.000	+					1
-	TOPOFILE	CS2	1 ASTROMENT	01	OPPM	4 0P97	1 ppm	TROMPL	0	Wanth in	4 gev	Viter Ran
-	CESTO1032		Lustkours I			-	_	PVP SENDIZ		PAANE		
							1 PPM					
3	CUSPLANT HEOR	C\$2	JOC	10	(1990)			DIMAN	10	Mint 14		
	T GLODE		1 ASTROMENT					P10466m		P.P.J.ME		
10	TALEFORM	ANILINE	100	01	OPPT	1	2.054	DIMITH	. 01	FI MACH	П	
-	MEAN FUMP		1454ROWER +					LIBRARE		Partone		
-	(Grog20)											
2	TTEAN PLANT	1	400	10	OPPH	40991	2 894	DIMINAL	01	WIM H	Y Res	Augure Line
2	TETE FALM	ANUAE	-	0,	SIL	-		PID-NOUSE		P-AHVIB		
	(LPOSAL)		1 HEMAINERT	-								
						1	2.000			ואיונא		
3	TEAH PLANT	Anne	pe	01	oppy	1		P10 16400-	01	RAINE	1	
	HEAR THAR		HERROMENT			-	-	110 20001-				
-			1			-	acut					
1	CLETLAT	CHLORISE	CL2	01	OPPT	1	0.5464	DIONTH	02	WITH 14 RAYOR	1	
-	MENT REACTOR	CHINKING	DUTECTOR			-	· ·	PID SEALER	-	remitter		
_	CARDID					-	-			-	4 glas	1
	CLIE PLANT		01-	10	0 997 -	Topen	MARZIE	DIVITEL	02	WITH 17		Ardet Ked
2	man proved	CHLARIAE	Cl2	01	orr.	T		PIPJEAUE		pptnit		-
-	TEAK REACTON		DEIGHOR		-	1/						-
-	- Com					+/	A112.0	DIMITAL	02	hi mich		-
03	CLB PLAAT	CHARIE	cle	.01	0 984	+/	1	PIP JEASCE		R DdinC		_
-00	CELAD ELSON	-	ottene	~		+/	-	The adding on	-			-
	(68 0101)					1						



## Annexure-8

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

> E-mail : jtcce.vadodara@explosives.gov.in Phone/Fax No : 0265 - 2361035

> > दिनांक /Dated : 04/10/2024

संख्या /No. : P/WB/GJ/15/2862 (P526017)

सेवा में

/To,

M/s. Aarti Industries Limited (Unit II), PLOT NO.-756/2 A&B,756/3 A&B, 756/4 A&B, 756/5 A&B, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat PIN: 393110

विषय Survey No, 122, Plot no 756/2 A&B,756/3 A&B, 56/4 A&B, 756/5 A&B, 756/6 A&B,756/7, 779 & Survey NO. 122,, GIDC Jhagadia, /Sub : Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में स्थित विद्यमान पेट्रोलियम वर्ग A अधिष्ठापन में अनुज्ञाप्ति सं P/WB/GJ/15/2862 (P526017) के नवीकरण के संदर्भ में । Existing Petroleum Class A Installation at Survey No, 122, Plot no 756/2 A&B,756/3 A&B, 56/4 A&B, 756/5 A&B, 756/6 A&B,756/7, 779 & Survey NO. 122,, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 - Licence No. P/WB/GJ/15/2862 (P526017) - Renewal regarding.

महोदय

/Sir(s),

कृपया आपके पत्र क्रमांक OIN1784030 दिनांक 02/10/2024 का अवलोकन करें । Please refer to your letter No.: OIN1784030, dated 02/10/2024

अनुज्ञप्ति संख्या P/WB/GJ/15/2862 (P526017) दिनांक 13/10/2022 को दिनांक 31/12/2034 तक नवीनीकृत कर इस पत्र के साथ अग्रषित की जा रही है ।

Licence No. P/WB/GJ/15/2862 (P526017) dated 13/10/2022 is forwarded herewith duly renewed upto 31/12/2034.

2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें। अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व to Jt. Chief Controller of Explosives, Vadodara, so as to reach his कार्यालय में प्रस्तुत करें। Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, Vadodara, so as to reach his office on or before the date on which Licence expires.

कृपया पावती दें। Please acknowledge the receipt.

भवदीय /Yours faithfully,

((तेजवीर सिंह) (Tejveer Singh)) उप विस्फोटक नियंत्रक Dy. Controller of Explosives कृते संयुक्त मुख्य विस्फोटक नियंत्रक For Jt. Chief Controller of Explosives वडोदरा/Vadodara

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

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

## अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/WB/GJ/15/2862(P526017)

फीस रूपए (Fee Rs.) 5000/- per year

M/s. Aarti Industries Limited (Unit II), PLOT NO.-756/2 A&B,756/3 A&B, 756/4 A&B, 756/5 A&B, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्टु वर्ग और मात्राओं में पेट्रोलियम 12.50 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/WB/GJ/15/2862(P526017) तारीख 04/10/2024 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण 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 हैं।

Licence is hereby granted to M/s. Aarti Industries Limited (Unit II), PLOT NO.-756/2 A&B,756/3 A&B, 756/4 A&B, 756/5 A&B, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 valid only for the importation and storage of 12.50 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/WB/GJ/15/2862(P526017) dated 04/10/2024 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 **2034** तक प्रवृत रहेगी। The Licence shall remain in force till the 31st day of December **2034** 

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	12.50 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
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	12.50 KL

October 13, 2022

For Jt. Chief Controller of Explosives WB, Vadodara

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शी में दिखाई गई हैं Survey No: 122, Plot no 756/2 A&B,756/3 A&B, 56/4 A&B, 756/5 A&B, 756/6 A&B,756/7, 779 & Survey NO. 122,, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 स्थान पर अवस्थित है तथा उसमें निम्नलिखित 1 Under Ground tank(s) for CLASS A सम्मिलित हैं |

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Survey No: 122, Plot no 756/2 A&B,756/3 A&B, 56/4 A&B, 756/5 A&B, 756/6 A&B,756/7, 779 & Survey NO. 122,, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 and consists of 1 Under Ground tank(s) for CLASS A together with connected facilities.

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## require signature.

#### पेज सं. 2

## अनुज्ञप्ति संख्या-(Licence No.) P/WB/GJ/15/2862 (P526017)

## <u>नवीनीकरण के पृष्ठांकन के लिए स्थान</u> <u>SPACE FOR ENDORSEMENT OF RENEWALS</u>

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या नवीकरण की तारीख उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति Date of	समाप्ति की तारीख अनुज्ञापन प्राधिकारी के हस्ताक्षर और Date of स्टाम्प
की शर्तों का उल्लंघन न होने की दशा में यह Renewal अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष	Expiry of license Signature and office stamp of the licencing authority.
तक नवीकृत की जा सकेगी	
This licence shall be renewable without	
any concession in fee for ten years in	
the absence of contravention of any	
provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any	
of the conditions of this licence.	

1).

04/10/2024	31/12/2034	Tejveer Singh Dy. Controller of Explosives For Jt. Chief Controller of Explosives Vadodara
------------	------------	--

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाए जाते है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमे से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

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

## Annexure-9



# Directorate Industrial Safety & Health

# Directorate Industria Stattety & Health

(Prescribed under Rules 5) License to work a factory

Registration No. 1952/241 12/2009 to work a factory

License No. 15402 D.A. 26-Oct-2012

License is hereby granted to

Mr. KIRITBHAI R. MEHTA

For the premises known as

AARTI INDUSTRIES LIMITED

situated at

PLOT NO. 756/2A&B 3A&B 4A&B 5A&B 6 7&779 JHAGADIA GIDC. DIST. BHARUCH

Ta.: Jhagadia Dist.: Bharuch

for use as a factory within the limits specified in the plan approved by the

Joint Director Industrial Safety and Health, Surat Region

vide No. 1206 Date 20-Oct-2011 subject to provisions of the

Factories Act, 1948 and the Rules made thereunder.

The license is issued for:

Maximum Number of workers to be employed on any day during the Year :\*\* 5,000\*\*

Maximum installed power in B.H.P. on any day during the year :\*\* Above 5000\*\*

The license is valid up to 31st December 2025,

 Fees paid Rs.
 330,200.00

 Fees due
 Rs.
 330,050.00

 Excess
 Rs.
 150.00

 Place :
 Bharuch

 Date :
 06-Feb-2021

1923



Signature valid Digitally signed by VAGHEYA NAVIN DHIRAJLAL Date: 2021.02.06 Reason: Approval Location: Bharuch +05:30

Deputy Director Industrial Safety and Health Bharuch



Ref no. AIL/Lic. No.15402/2024-25/059

26 December 2024

To, The Deputy Director. Industrial safety & health, 2<sup>nd</sup> floor,Multi Storied Building, Near new court, Kanbi Vaga.Bharuch.

Sub: Submission of Mock Drill Report for FY 2024-25 (Q3) Ref : Factory License no. 15402

Respected Sir,

Referring to the subject mentioned above, we had conducted a mock drill on 20.11.2024 to check the preparedness and effectiveness of the employees as per our schedule. We are submitting the detailed report for your kind perusal.

Refer attached annexure of detailed mock drill report. In view of the above, We request to acknowledge the same and oblige.

Thanking You, For, Aarti Industries Limited,

DA1121202A

જુનિયર કલાક ઔદ્યોગિક રાલામતી અને સ્વાસ્થ્ય બરૂચ

Qharmendra Kumar
(Factory Manager)
Aarti Industries Limited
Plot No.756/2A&B, 756/3A&B, 756/4A&B, 756/5A&B, 756/6, 756/7, 756/8, 756/9, 778
& 779, At GIDC Jhagadia, Dist- Bharuch, Gujarat, 393110

Enclosure: Annexure 1: <u>Mock drill report along with photographs</u>

**CL-1 CONFIDENTIAL** 

www.aarti-industries.com | CIN : L24110GJ1984PLC007301 Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366. Factory : Plot No. 756/2A & B, 756/3A & B, 756/4A & B, 756/5A & B, 756/6, 756/7, 779 + 778 + 756/8 & 9, Survey No. 122, GIDC Estate, Jhagadia, Taluka. Jhagadia, Dist. Bharuch, Gujarat - 393110. INDIA. Phone No. : 9537011611, 9537011711, 9537011811 Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA. T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

## Annexure-11

## Fire Water Storage and pump Details

	Fire Pump house near PDA plant								
Sr. No	Description	Make	HP	RPM	Flow Rate	Head			
1	Jocky Pump A	KSB	20 HP	2900	10 M3/HR	88 m			
2	Jocky Pump B	KSB	20 HP	2900	10 M3/HR	88 m			
3	Main Pump A	KSB	150 HP	2900	273 M3/HR	88 m			
4	Main Pump B	KSB	150 HP	2900	273 M3/HR	88 m			
5	Disel Pump	KSB	167 HP	1800	273 M3/HR	88 m			
<b>Fire Wate</b>	r Reservior Capacity :- 420 F	<u>KL</u>	Diesel tank cap	acity of DG Pump :- 20	00 Litres				

Fire Pump house near Hydrogen generation plant								
Sr. No	Description	Make	HP	RPM	Flow Rate (m3/hr)	Head		
1	Jockey Pump	WILO	7.5 HP	2900	10	70 m		
2	Main Pump	KSB	100HP	2970	270	70 m		
3	Diesel Pump	Greaves	130HP	1800	273	70 m		
Fire Water	Reservior Capacity :- 420 I	KL	Diesel tank capacity of DG Pump :- 200 Litres					

Sr. No	Description	Make	HP	RPM	Flow Rate (m3/hr)	Head
1	Jockey Pump	WILO	7.37 HP	2900	10.8 m3	88 mmwc
2	Jockey Pump	WILO	7.37 HP	2900	10.8 m3	88 mmwc
3	Main Pump	WILO	215 HP	1488	410 m3	88 mmwc
4	Diesel Pump	WILO	254 HP	1800	410 m3	88 mmwc
ire Water R	eservior Capacity :- 1230	KL	Diesel tank capacity of DG Pump :- 500 liters			

	Fire Pump house near 2,5 DCNB Plant									
Sr. No	Description	Make	HP	RPM	Flow Rate (m3/hr)	Head				
1	JOCKEY Pump 1	WILO	45	2965	50	105 mmwc				
2	JOCKEY Pump 2	WILO	45	2965	50	105 mmwc				
3	MAIN Pump 1	WILO	225	1490	410	105 mmwc				
4	MAIN Pump 2	WILO	225	1490	410	105 mmwc				
5	DIESEL Pump	WILO	260	2100	410	105 mmwc				
FIRE WAT	ER RESERVOIR CAPACITY :	4000KL	DIESEL TANK	CAPACITY :- 500 LITER	S					



## AREA CLSSIFICATION REPORT

Client: Aarti Industries Location: Jhgadia – Gujarat Plant Unit 1 & Unit 2 **VISION POWER FACT**x

POWER QUALITY - ENERGY AUDITS - SAFETY AUDITS - POWER SYSTEM STUDIES

### PROLOGUE

Area Classification Review or Hazardous Area Classification Review audit was conducted at Aarti Industries Ltd., Jhagadia GIDC in Gujarat. Aarti Industries Ltd. has two Units (Unit 1 & Unit 2) and both the units were covered in the Audit.

Area Classification Review involves in principle, a survey of electrical apparatus operating in plant where the process involves use of chemicals in liquid, gaseous, or powder form and reactions are brought about on large scale. The energy used in the process is largely deployed through apparatus/machinery using electrical power through electric motors and other electrical apparatus. Also, power electronic and automation devices operating under the environment come under the scope of review.

This report includes begins with basics of Area Classification, approach and methodology taken during Area classification Review, and finally area wise observations and finally recommendations for enhancing safety measures.

Audit was completed by the team members mentioned below in three visits to the plant.
Pradip Thakur
Prashant Samant
Tushar Jagdale
Dipti Dhakan
Rakesh Chouhan
Prasahnt Savant

It is hoped that the contents of the reports, suggestions and findings will be appreciated. The filed team thanks all concerned engineers and managers for extending best of their cooperation and also sharing necessary information to the field team during the area classification review at the site.

For Vision Power Factx

Authorized Signatory

**VISION POWER FACTx** 

POWER QUALITY - ENERGY AUDITS - SAFETY AUDITS - POWER SYSTEM STUDIES

## 1.0 BASICS OF AREA CLASSIFICATION

## **EXPLOSION DUE TO FLAMMABLE GASES & VAPOURS:**

The chemicals being used enter the surrounding (in the form of vapours, mist or gas) OR may be present in the powder from. If inflammable, these gases, vapours, mist or suspended particles may reach concentration levels good enough to cause explosion if the operating electrical apparatus lets out spark. Also, should the surface temperature of electrical apparatus reach the point where given concentration above LEL (Lower Explosive Limit) of flammable gases, vapours reach Auto Ignition point there can be an explosion.

## EXPLOSION DUE TO FLAMMABLE DUST:

Five elements are necessary to initiate a dust explosion, often referred to as the "Dust Explosion Pentagon".

- 1. Combustible dust (fuel);
- 2. Ignition source (heat); and,
- 3. Oxygen in air (oxidizer).

An additional two elements must be present for a combustible dust explosion:

- 4. Dispersion of dust particles in sufficient quantity and concentration; and,
- 5. Confinement of the dust cloud.

Area Classification as per IEC has <u>Zone 0</u>, <u>Zone 1</u> & <u>Zone 2</u> for protection against flammable volatile liquids, Mist, Gases and Vapours.

Area Classification as per IEC has <u>Zone 20</u>, <u>Zone 21</u> & <u>Zone 22</u> for protection against flammable dust particles.

The zone classification is based on the likelihood and the duration of an explosive atmosphere.

It is all about ensuring that electrical and power electronic equipment or apparatus or system design as well as installation meets with the criteria of Zone classifications.

#### Zone 0:

Is where, flammable substances in the form of gas, vapour or mist can remain present continuously or frequently. Such areas for example could be: Most often closed process vessels, closed storage tanks and closed containers IP 15 stipulates presence of flammable gases, vapours or mists for more than 1000 hours per Annum.

## Zone 1:

Is where, flammable substances in the form of gas, vapour or mist are likely to occur in normal operation occasionally. Gas generator rooms inadequately ventilated pump rooms for flammable gases or for

B-26, Gokulites, W. S. Road, Dahisar (East), MUMBAI-400 068 INDIA Tel: +91-22-2896 5736 Cell: +91-99877 20800/+91-99877 14500 Email: <u>visionpowerfactx@gmail.com</u>



# POWER QUALITY – ENERGY AUDITS – SAFETY AUDITS – POWER SYSTEM STUDIES

volatile flammable liquids IP 15 stipulates between presence of flammable gases, vapours or mists between 10 hours to 1000 hours per Annum.

#### Zone 2:

Is where explosive atmosphere consisting of air mixed with flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.

For an area to qualify as Zone 2 the following are the requirements.

- 1. The area is so well ventilated that if an abnormal conditions arises, ignitable concentrations of the gas or vapour are rapidly dispersed.
- 2. And complete segregation from Zone 1 locations is ensured.
- IP 15 stipulates: flammable vapours or gases of less than 10 hours per annum

# GAS GROUP & TEMPERATURE CLASS:

When performing Hazardous area zoning and compliances it necessary to look into Two More aspects.

- 1. Gas Group of flammable Atmosphere
- 2. Temperature Class for flammable Atmosphere

Explosion protected apparatus suitable for a Zone 1 area such as Flameproof (Ex d) apparatus is automatically suitable for <u>all Zone 1 locations</u>. This is misconception. The gas group of the environment also needs to be considered.

- a) Group I : Electrical equipment for mines susceptible to methane, &
- b) Group II : Electrical equipment for all places with an explosive gas atmosphere, other

than mines susceptible to methane.

Group II is then further divided into subgroups II A, II B or II C.

If any equipment is certified for use in Gas Group IIC, it can be used for Gas Groups II B and II A.

If any equipment is certified for use in Gas Group IIB, it can be used for Gas Groups II A.

If any equipment is certified for use in Gas Group IIA, it cannot be used for Gas Groups II B and II C.

# **NOTIFIED AREA OFFICE**

(GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION)

Plot no. 40, Road no. 08 Near PepsiCo.

GIDC Jhagadia - 393110

Phone - (02645) 226154

Email – <u>chiefofficernajhg@gmail.com</u> GSTIN no. 24AAALN1956C1ZD

OW No. NAA/ CO/ JHG/ 163

# To Whom So Ever It May be Concern

This is to certify that, GIDC is able to supply 5600.0 KL/Day quantity of water to M/s Aarti Industries, Plot No. 779 + 756/2A&B + 756/3A&B + 756/4A&B + 756/5 A&B + 756/6 + 756/7 and Others at GIDC Jhagadia Industrial Estate, as per GIDC water supply rules and regulations after getting approval from competent authority of GIDC.

roen

Chief Officer (N.A.A) GIDC Jhagadia

To,

M/s Aarti Industries,

Plot No. 779 + 756/2A&B + 756/3A&B + 756/4A&B + 756/5 A&B + 756/6 + 756/7 G.I.D.C, Jhagadia

# Annexure-13

<u>નિર્દિષ્ટ વિસ્તાર અધિકારીશ્રીની કચેરી</u> (ગુજરાત ઔધોગિક વિકાસ નિગમ) પ્લોટ નં. ૪૦, રોડ નં. ૦૮, પેપ્સીકો કંપની પાસે જીઆઈડીસી ઝગડિયા – ૩૯૩૧૧૦

Date - 28 5 2020

No: GIDC/DEE/JHG/

DATE: 14.11.2017

To Whom So Ever It May Be Concern

This is to certify that GIDC is able to supply 855.0 KL/day quantity of water to M/s Aarti Industries Limited , Plot No. 778 at GIDC Jhagadia Industrial Estate . as per GIDC water supply rules and regulations .

**Dy Executive Engineer** 

**GIDC** Jhagadia

To,

M/s Aarti Industries Limited

Plot No. 778

GIDC, Jhagadia



Annexure-14

# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010.

(T) 079-23232152



#### By R.P.A.D. **CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A - Amendment)** CCA AMENDMENT NO: AWH - 138793

NO: GPCB/ANK/CCA-1381(8)/ID-35534/\_\_\_

DT:\_\_\_/02/2025

Ţø, M/s. AARTI INDUSTRIES LTD. PLOT NO: 756/2A&2B, 756/3A&3B, 756/4A&4B, 756/5A&5B, 756/6, 756/7, 756/8+9, 779, 778. GIDC ESTATE JHAGADIA, **DIST-BHARUCH.** 

- Amendment in Consolidated Consent & Authorization (CC&A) under various SUB: Environmental Acts/ Rules. **REF:** 
  - (1) Your application No. 276574 dated: 05/04/2023.
    - (2) CCA No. AWH 119949 dated: 05/08/2022. (CCA Renewal)
    - (3) CCA Amendment No. H 119950 dated: 05/08/2022.
    - (4) CCA Amendment No. AWH 126636 dated: 28/06/2023.

Sir.

This has reference to the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 under the provisions of the various Environmental Act/ Rules, which stands amended as under.

The Validity of this order will be up to 30/04/2029.

#### 1. The list of proposed products to be manufactured shall be as follows:

Sr. No.	Name of Products	Existing (MT/Year)	Proposed (MT/Year)	Total Quantity (MT/Year)
1	Hydrogen Gas	3000 Nm3/IIr	0	3000 Nm3/Hr
2	Purification of O/P/M Phenylene Di Amine	18000	0	18000
3	Calcium Chloride (Solid)	72000 0		72000
I. A	Group IA - Chlorination Produ	icts and its Deri	vatives	۰ <u>۰</u> ۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰
1	Mono Chloro Benzene (MCB) Either/OR		··	
Ortho Dichloro Benzene (ODCB) /Para Dichloro 2 Benzene (PDCB) / Meta Dichloro Benzene (MDCB) Either/OR		72000	18000	90000

3	1,2,3/1,2,4 Tri Chloro Benzene (TCB) Either/OR			
4	Ortho Chloro Toluene (OCT) / Para Chloro Toluene (PCT) Either/OR			
5	2-Chloro 4-Nitro Toluene Either/OR			
6	6-Chloro 2-Nitro Toluene/ 4- Chloro 2-Nitrotoluene Either/OR			
7	Crude of All Above Group I. A (Sr. No. 1-6 Chlorination Products)			
I. B	Group I B - Chlorination Produ	icts and its Dei	rivatives	<b>.</b>
1	2,4,6 Tri Chloro Aniline (TCAN) Either/OR			
2	2,6 Di Chloro Para Nitro Aniline (2,6 DCPNA) Either/OR	7200	0	7200 (Added Sr. no
3	Crude of All Above Group I. B (Sr. No. 1 Chlorination Products)			2 as per EC)
II. A	Group IIA - Hydrogenated Pro	ducts and its D	erivatives	<b>I</b>
1	Ortho Toluidine/ Para Toluidine/ Meta Toluidine Either/OR			
2	Meta Chloro Aniline/ Ortho Chloro Aniline/ Para Chloro Aniline Either/OR			
3	3,4 Di Chloro Aniline/ 2,3 Di Chloro Aniline/ 2,5 Di Chloro Aniline Either/OR			
4	2,4 Dichloro Aniline/ 2,6 Di Chloro Aniline/ 3,5 Di Chloro Aniline Either/OR	36000	0	36000
	3,4 Diamino Diphenyl Ether / 4,4 Diamino Diphenyl Ether			
5	Either/OR		1	
5				

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GPCB

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# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

	Physical Separations (As per Ed Ortho Di chloro Benzene	C-Group X)		
8	2,4/2,3/2,5/3,4 Di Chloro Nitro Benzene	0	84000	84000
G	Nitration (As per EC-Group VII)	[]	[ ··· <del></del> ···· <del>-</del>	
	1(H) - benzo(d) imidazol - 5 - amine))	420	0	420
ш	DAPBI ( 2 ( 4 amino phenyl -	400		
4	Crude of all above Group II. B (Sr. No. 1-3 Hydrogenation product)			
3	Para Amino Phenol/ Meta Amino Phenol Either/OR			
2	Meta Phenylene Di Amine/ Ortho Phenylene Di Amine/ Para Phenylene Di Amine Either/OR	36000	0	36000
1	2,4,5 Trichloroaniline Either/OR		· ·	· · · · · · · · · · · · · · · · · · ·
II. B	Group IIB - Hydrogenated Pro	ducts	- <u> </u>	
16	Crude of all above Group II. A (Sr. No. 1-15 Hydrogenation product)			
15	4-Chloro-N-Isopropyl Aniline Either/OR			
14	4- Fluoro-N-Isopropyl Aniline Either/OR			
13	1, 3 Di Fluoro Benzene Either/OR			
12	1, 3 Di Fluoro Aniline/ 2, 4 Di Fluoro Aniline Either/OR			
11	Para Fluoro Aniline/ Meta Fluoro Aniline/ Ortho Fluoro Aniline Either/OR			
10	Aniline Either/OR			
9	Toluidines Either/OR			
8	Ortho Cumidine/ Para Cumidine/ Meta Cumidine Either/OR		:	

# Clean Gujarat Green Gujarat

Website : https://gpcb.gujarat.gov.in

2	Para Di chloro Benzene (Only Physical Separation)	0	12000	12000	
3	Meta Di chloro Benzene (Only Physical Separation)	0	2400	2400	
By P	roduct				
1	Steam	136.56 MT/Day	0	136.56 MT/Day	

## 2. <u>Specific conditions:</u>

- a) Unit shall use fresh raw material only.
- b) Unit shall comply all conditions as per obtained EC dated: 30/05/2022 & 28/10/2022.
- c) Unit shall comply with the undertaking dated: 16/04/2024 and do not send Spent Sulphuric Acid to Fertilizers, Pharma and food industries.
- d) Unit shall dispose their primary treated effluent to CMEE-BEIL & Detox up to 31/12/2024 and in this time unit shall completely start their installed advance treatment system MEE, ATFD & RO and submit report on monthly basis to board.
- e) Unit shall not extract ground water from borewell in any case.
- f) Unit shall submit report of compliance of the conditions of EC every six month to the Board.
- g) Unit shall comply with GPCB circular regarding Retrofitting of Emission control devices in DG set dated 27/08/2021 and amended thereafter.
- h) Unit shall sell out their hazardous waste to authorized endusers who is having authorization with valid CCA and rule 9 permission to receive this waste. Unit shall make MoU with such authorized endusers and submit MoU.
- i) All the efforts shall be made to send hazardous waste to cement industry for Coprocessing first & there after it shall be disposed through other option.
- j) Unit shall follow spent solvent management guideline framed by board and shall make MoU with outside distillation units, if any. Also submit the prescribed forms as per guideline.
- k) Unit shall strictly follow the Solid Fuel guideline framed by Board and shall install APCM as per guideline.
- l) Unit shall follow coakhandling guideline framed by Board and provide close ash handling facility.
- m) Unit shall strictly follow the Fly Ash Notification for disposal of generated ash.
- n) Unit shall install online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB for real time data transfer for boiler more than 8 TPH capacity or equivalent capacity of TFH.

# **3. CONDITION UNDER THE WATER ACT:**

3.1 The condition No. 3.3 for Water Consumption under Water Act of the CCA order No: AWH-119949, issued vide letter no. GPCB/ANK/CCA-1381(6)/ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under. **GUJARAT POLLUTION CONTROL BOARD** 



# PARYAVARAN BHAVAN, SECTOR 10-A,

# GANDHINAGAR - 382010,

(T) 079-23232152

Water	Water consumption					
(Qty: KL/day)	Existing	Proposed	Total			
Domestic	125		125			
Industrial	4453.28	342	4795.28			
Gardening	300		300			
Total	4878.28	342	5220.28			

3.2 The condition No. 3.1 & 3.2 for Wastewater Generation under Water Act of the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under.

Water	Wastewater Generation					
(Qty: KL/day)	Existing	Proposed	– – – Total			
Domestic	120		120			
Industrial	556	132	- 688			
Total	676	132	808			

- 3.3 Mode of disposal of wastewater:
  - a) 688 KLD industrial effluent: 490 KLD treated effluent shall be sent to FETP of NCT-Jhagadia and 198 KLD shall be sent to CMEE-DIPL and CMEE-BEIL.
  - b) 120 KLD domestic sewage shall be treated in STP as per previous CCA conditions.

# 4. **CONDITIONS UNDER THE AIR ACT:**

4.1 The condition No. 4.1 for Fuel Consumption under Air Act of the CCA order No: AWH-119949, issued vide letter no. GPCB/ANK/CCA-1381(6)/ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under.

Sr.	Name of fuel	Quantity				
No.		Existing	Proposed	Total		
1	HSD	4049 lit/hr.	660 lit/hr.	4709 lit/hr.		
2	Coal/Coal+Briquettes	4.1 MT/Hr.	0	4.1 MT/Hr.		
3	Steam from Aarti Industries Ltd. (U-1) (XGN ID; 14855) OR Steam from DCM Shriram Ltd. (XGN ID; 156725)	90 TPH	0	90 TPH		
5	Natural Gas for Thermic Fluid Heater (4 Lakh Kcal/Hr)	60 SM3/hr.	0	60 SM3/hr.		
6	Natural Gas for Boiler (30 TPH - 2 Nos)	0	5800 SM3/hr.	5800 SM3/hr.		

4.2 The condition No. 4.2 for Flue gas stacks under Air Act of the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under.

Stack Stack No. attached to		Stack Height in Meter	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
	Total				
1	D•G Set (650 KVA–2 Nos)	11 (each)			
2	D G Set (320 KVA)	11		1	
3	D G Set (1010 KVA-6 Nos)	11 (each)	Retrofitting of Emission control devices		
4	DG Set (1250 KVA)	11			
5	D G Set (1500 KVA-3 Nos)	11 (each)			
6	Hot Air generator	33	Cyclone Separator, Bag Filter & Water/dry Scrubber	PM SO2 NOX	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
7	TFH (40 Lacs K.cal/Hr)	30	Bag Filter		
8	TFH (4 Lacs K.cal/Hr)	15			
9	Boiler 30 TPH- 2 nos.	30 (Common stack)			
10	DG Set (Cap: 1500 KVA - 2 Nos)	11 each	Retrofitting of Emission control devices		

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4.3 The condition No. 4.3 for Process gas stacks under Air Act of the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under.

	Stack No.	Stack attached to	Stack Height in Meter	Air Pollution Control Measurc (APCM)	Parameter	Permissible limit
20		Total				
10-10-1 10-1	1	Reformer (Hydrogen)	26		CO	150 mg/Nm3
OUTAN						

**GUJARAT POLLUTION CONTROL BOARD** 



# PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010,

(T) 079-23232152

2	CaCO3 Reactor (CaCl2 plant) CaCl2 Dryer Vent	23	Alkali Scrubber	HCL	20 mg/Nn 150
	(CaCl2 plant)	20	Wet Scrubber	PM	mg/Nm3
4	Chlorinator Reactor vent	30	Falling Film absorber (Water) followed by Alkali Scrubber	HCl Chlorine	20 mg/Nn 9 mg/Nm
5	CLB-Cl2 Scrubber (Storage/Pipeline)	15	Caustic Scrubber	Cl2	9 mg/Nm
6	CLB - PDCB Scrubber (Storage)	15	Single Stage, ODCB	VOC	
7	CLB - HCl Scrubber (Storage)	15	HCl absorber followed by Caustic scrubber	HC]	20 mg/Nm
8	HCl Scrubber (Storage)	15	Caustic scrubber	HCL	20 mg/Nm
9	TCB Scrubber	15	HCl absorber followed by caustic scrubber	HCI Cl2	20 mg/Nm 9 mg/Nm
10	TCB-ODCB Scrubber (Storage)	15	Single Stage, ODCB	VOC	
11	Group IB: Chlorination Products and its Derivatives	15	HCl absorber followed by caustic scrubber	HCl Cl2	20 mg/Nm 9 mg/Nm3
12	DAPBI Process	15	Water Scrubber followed by Alkali Scrubber	HCI	20 mg/Nm
13	DAPBI Process	15	Acidic Scrubber	NH3	175 mg/Nm3
14	ETP Scrubber	15	Acidic Scrubber	NH3	175 mg/Nm3
35	Scrubber connected to Nitration Reactors.	11	Two stage alkali scrubber	NOx	25 mg/Nm3

**4.4** The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

C= No	Denometera	Permissible Limit (microgram /M <sup>3</sup> )			
Sr. No.	Parameters	Annual	24 Hours Average		
1.	Particulate Matter $(PM_{10})$	60	100		
2.	Particulate Matter (PM <sub>2.5</sub> )	40	60		
3.	Oxides of Sulphur (SO <sub>x</sub> )	50	80		
4.	Oxides of Nitrogen (NO <sub>x</sub> )	40	80		

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
- 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- **4.6** Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition as above.
- 5 CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016
- 5.1 Unit shall comply with provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules-2016.
- 5.2 The condition No. 6.2 under authorization for Hazardous & other wastes of the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 is amended and shall now be read as under.

Sr.	Sr. Name of		e. Quantity in MT/Year			Facility
No.	No. Haz. Waste	Num.	Exi.	Pro.	Total	
1	ETP waste	35.3	6935	2190	9125	Generation, Collection, Storage, Transportation, & disposal to TSDF site OR Co-Processing at cement industry.
2	Silica Sludge	35.3	11707		11707	Generation, Collection, Storage, Transportation, disposal to common TSDF OR Pre-Processing OR Co- Processing at cement industry
2'3' ''''''''''''''''''''''''''''''''''	Used Oil / Waste Oil	5.1	40	6	46	Generation, Collection, Storage, Transportation and Disposal by Reuse in plant & machinery as lubricant or sell it to authorized re-refiners / recycler.

**GUJARAT POLLUTION CONTROL BOARD** 



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PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

•	4	Empty barrels/ containers/ liners contaminate d with hazardous chemicals /wastes	33.1	300	50	350	Generation, Collection, Storage, Transportation, decontamination, disposa by sending back to raw material supplier OR sale to registered recyclers/reuse back OR disposal at TSDF OR Pre- Processing OR Co- Processing at cement industry
	5	Distillation residue waste Process residue	36.1/ 26.1	9615	1950	11565	Generation, Collection, Storage, Transportation, disposal by CHWIF, OR Pre-Processing OR Co- Processing
	6	Spent Catalyst	26.5	300		300	Generation, Collection, storage, transportation & disposal by sale to registered regenerators/ TSDF Site.
•	7	Hydrochloric Acid (HCl)	B15	159749	36516	196265	Generation, Collection, Storage, Transportation and Disposal by sell out to authorized users who is having authorization with valid CCA and rule 9 permission to receive this waste after making MoU. OR Collection, Storage, transportation & reused in manufacturing of CaCl2.
	8	Sodium Hypochlorite (NaOCl)	87	2148		2148	Generation, Collection, Storage, Transportation and Disposal by sell out to authorized users who is having authorization with valid CCA and rule 9 permission to receive this waste after making MoU.
1	9	Sodium Chloride (NaCl)	B36	38646		38646	Generation, Collection, storage, transportation & send to TSDF site for landfill.
to the	40	Calcium Chloride solution	C2	58000		58000	Generation, Collection, Storage, Transportation and Disposal by sell out to authorized users who is having authorization with valid CCA and rule 9

# Clean Gujarat Green Gujarat

Website : https://gpeb.gujarat.gov.in

					 ·	permission to receive this waste after making MoU.
	11	Spent Carbon	36.2	400	 400	Generation, Collection, Storage, transportation, sent for co-processing/ incineration.
	12	Off specification Product	26.1	145	 145	Generation, Collection, Storage, Transportation, disposal by CHWIF OR Pre-Processing OR Co- Processing at cement industry.
	13	PPE's Waste, Non Recyclable plastic waste	33.2	200	 200	Generation, Collection, Storage, Transportation, disposal to Land filling OR Co-Processing at cement industry.
	14	Mix Solid waste (Contaminat ed Cotton Waste, Paper Waste, Woods waste, Non Recyclable plastics/ PPE's etc.)		150	 150	Generation, Collection, Storage, Transportation disposal to incineration OR Co-Processing at cement industry.
	15	Stripper TOP Contaihing Organic Content	26.1	1095	 1095	Generation, Collection, Storage, Transportation disposal to incineration/ Co-Processing.
-	16	Spent Solvent	26.4	35	 35	Generation, Collection, Storage, Transportation disposal to incineration/Co- Processing OR Disposal by sell out to authorized users who is having authorization with valid CCA and rule 9 permission.
	17	Asbestos waste	15.2	80	 80	Generation, Collection, Storage, Transportation disposal by at TSDF Site.
Cit that the	ی 18	a Ammónia Solution		480	 480	Collection, Storage and reuse in the same process <b>OR</b> Collection, Storage, Transportation and Disposal by sell out to

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# **GUJARAT POLLUTION CONTROL BOARD**



# PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010,

(T) 079-23232152

			Τ				
	Ì						valid CCA and rule 9
							permission to receive this
			-	_			waste after making MoU.
		Waste or					Generation, Collection,
		residue					Storage, Transportation,
	19	containing	5.2	10		10	disposal by CHWIF OR
		Oil					Pre-Processing OR Co-
							Processing at cement
						- <u>+</u>	industry.
							Collection, Storage,
							Transportation and Disposal by sell out to
							authorized users who is
							having authorization with
		Con a d		1			valid CCA and rule 9
	20	Spent	1045		ECEN		permission to receive this
	20	Sulphuric Acid	B15		56700	56700	waste after making MoU
		Acia					OR Co-processing as per
							CPCB SOP released under
							Rule-9 OR Reception,
							Storage and utilization in
	i						the process as per CPCB
			L		<u> </u>	i I	SOP-53.
	Non-	Hazardous Was	te:		<del></del>	· · · · ·-	,
							Generation, Collection,
	ľ						Storage, Transportation,
	1	Else A al-		2000			Sold to Brick
		Fly Ash	-	3000		3000	Manufacturer OR other
							use i.e road construction
							OR Co-Processing at
	<u> </u>	Mixed Waste	<b></b>	· · · · · · · · · · · · · · · · · · ·			cement industry
		(Office Paper,		ŀ			Comparation Callenti
		paperboard					Generation, Collection,
		and paper					Storage, Transportation & disposal at TSDF Site/
	2	product	-	150		150	Incineration/OR Co-
		wastes,					Processing at cement
		plastic waste					industry.
		etc.)					industry.
		Insulation	S1/		·	1	Generation, Collection,
	3	waste/ 0	S17 S3	150		150	Storage, Transportation,
ĺ		Thermocol					disposal to common TSDF.
		E-Waste/					Generation, Collection,
	4	Electrical		25		25	Storage, Transportation
		Waste		2.5		2.3	and disposal to registered
		674			······································		recyclers
	ج		·				Generation, Collection,
	്	Battery		1520		1520 Nos.	Storage, Transportation,
	0	waste		Nos.		1020 1103.	Disposal by selling to
3		Rio medical					authorized recyclers
ර	6	Bio-medical waste		1		1	Generation, Collection,
, The second sec		waste	İ			99 - F	Storage, Transportation,
<i>*</i>							

# Clean Gujarat Green Gujarat Website : https://gp@b.gujarat.gov.in

					Disposal to CBWTF-
7	Glass	S7	12	 12	Collection, Storage, Transportation, disposal /sold to scrap processors
8	STP Waste (Sludge)		120	 120	Collection, Storage, Transportation disposal as manure.

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6 All other conditions of the CCA order No: AWH-119949, issued vide letter no. GPCB/ ANK/ CCA-1381(6)/ ID-35534/680090, dated 05/08/2022 and further amended dated 05/08/2022, 28/06/2023 will remain same.

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outrate 10° 852864 10310212025

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

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(Arun G. Patel) ENVIRONMENT ENGINEER

# Annexure-15

# Photographs of Flow Meter



Inlet of ETP



Outlet of ETP



Inlet of MEE



Flowmeter at NCT Discharge Point

# Annexure-16

# Photographs of Logbook

a:	17/03/2025-		Con Star Ball	5A&B,756/6,756/7,756/8+9 & 7 FLUENT GENERATION &	& ENERGY READIN	G	
t / Sec	tion	ocess Effluent Reading		1			
	Initial Reading	Final Reading	Diff (KL)	Plant / Section		ility Effluent Reading	
uss-IV	172740	97246	23.8	Unit-2 Common CTBD	Initial Reading	Final Reading	Diff (KL)
CLB	3015	3100	0	Gold CTBD	15459500	155 82500	123
TCAN	10000	0000	0	DM Plant	2461430	2503480	42.05
TCB	198	198	0	Gold ETP CTBD	32873000	32961000	88
CPNA				2,5 DCNB CTBD	5292980	5322610	29.63
DCNB	5748770	5356180	5-41			-	-
Gold		- approx-	54.5	The cond	app	- 000	15
(KL)			85.71	Total (KL)			
			1 2 3 . 41	[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [			297.68
rical Co	onsumption in ETP (MCC P	anel)		Plant Operation Discript	Non		
el No	Initial Reading	Final Reading	Diff (Kwh)	Section	Initial Reading	Elect Reading	
C 2A	680477-805	681418,209	940,404	NCTL	139715	Final Reading	Diff (KL)
C 2B	1200473-433	1204338,490	120.2385	Process MEE Feed	12695300	12783100	339.92
C 2C	63078.129	63341.935	263,806	Process MEE Cond.	10942300	the second	87.8
C 2D	664204.147	666155.071	1950,924	Process ATFD Feed	2033760	2033760	
C 2J	102688,237	102865,914	177,677	Process RO Feed	200760	2035700	0
Kwh)			7197.868	Process RO Permeat		~	
-			11111.000	Stripper Feed	2384270	2395950	11 10
Consu	mption in ETP			Total (KL)	2 284240	1.2312120	11.68
tion	Initial Reading	Final Reading	Diff (MT)	Loui (rus)			501.
s MEE		2461260	14.43				
ATFD		1433810	0				
per	644998	648417	~				
IT)	1 9 44 498 1	TIPSTO	3.429				
			14.66.7				
10.	Role	Name		Signature ,		Remarks	
	Shift Incharge		abdau	plue .	The second second		
		Prit Piene		dertand.			
	Section Incharge Plant Manager		tiva	Ar a.			

# ETP Logbook

Document	Number		GOLD/02/02/LSC/0		Revis	ion Number		0
		States States	NCTL LOG SHEET (Outgoing E			sion Date	0	
Date: 29-03	ate: 29-03-25		HOTE LOG	SHEET (Outgo	ing Effluent)		22	
A State of the		lizer Reading (kg)	25110404	The second second		A start and the		
Time	Initial	Final	Net	pH	Online Analysi		and Bar	norke
9:50	143193.84	143480.92	207.08KL	and the second se	TOC (ppm)	TSS (ppm)	TH = 59.84 Ren COD = 350.4	
15:14				7.3	118-5	1. T 6.4		
16:00				7:2	117-1	5.4	00=321-1	and the second
17:00	-	$\mathbf{x} = \mathbf{u}^{-1}$		7.2	Ball Contractor		000=317-3	
19:55					117-8	5.0	00=3102	
				7.2	114.3	3.9	Col)=308.8	Bob = 38
5							1.118	
								1
		To the second second		Solar - The Solar So				
Deviation		and the state of the	Sec. 18 ann			and the second second		
Reason For Devi	ation	and the second se					Carlos and the	
Remarks :	2			Prepared By				
A Shift Operator/	Name	Signature	B Shift Operator/ Supervisor	Name	Signature	C Shift Operator	Name	Signatur
Supervisor	Ansuni	Aste	Supervisor	kumuesn	Rts	C Shift Operator/ Supervisor	Agradic	Hevero
	-	-		Checked By	0.0		- Chica I	1
A Shift SI	Name	Sighature MLW	B Shift SI	Name Vice	Signature	C Shift SI	Name	Signature
	IVIVEN	min		Approved By	(due)		Sevelt	fer-
Sr. No.	Role	Na	me	Sign:	ature		Remarks	1
1	Section Incharge		jong	dente	ma		Kellidika	
2	Process Engineer	Mundikk	Shulida	-/11	9			

NCT Discharge Logbook

	ARTI IDUSTR	IES	A	ART		UST	RIES		TED,	JHA	GADI	A			155
			RAW WATE	ER ANALYSI	S		NALYSIS		ALION		D WATER A	HALVEIC	1		400
DATE	COD	TDS	PH	COND	TSS	MLSS	MLVSS	COD	TDS	PH	1		-Alseation.		REMARKS
19/02/25	464	1041	7.33	1602	218	3610	2108	46	321	7.18	COND	TSS	P.H	MLVSS	
20/02/25	462	1100	7.21	1692	194	3128	1674	46	183	7.18	494	20	7.14		
21/02/25	380	1087	7.25	1673	186	4522	2216	.30	272	8-03	281	16	7.03		-
22/02/25	464	1097	7 25	1688	164	4184	2218	44	384	6.85	390	13	7-14		
23 02 25	467	1094	7.32	16.83	176	4510	2338	4-0	248	7.21	320	14	7.27		+
24/02/25	503	1104	7.23	1699	100	4018	2181	42	215	7.92	333	19	120		
25/04/05	695	1258	3.76	1935	306	4178	a104	46	161	7.10	248	22	7.15	1	
26/02/25	518	1841	7.28	1602	340	4075	2187	10	1953	7 20	282	23	7.42	CAR	Boross-
27/02/15	472	1092	7.10	1681	190	250	138	36	512	6.91	788	18	7.12		
28/02/25	562	1102	7.24	1733	2.32	058	340	37	380	7.35	585	18	7.72		1
	-				A.M.	-				1.03	000	1.0	1		
-	/	-	-	-		01/0	3/ 2025		-	-	_		_		
1/03/25	279	1131	7.19	1740	214	1022	637	06	185	7,43	285	26	1.76	1	1
02/03/25	298	1046	7.18	1609	282	1893	1024	4-2	218	7.25	335	20	7.69	-	
2/03/25	591	1163	7:52	1290	190	2550	1411	50	169	8-14	257	1.5	7-44		
4/03/15	578	1159	3.01	1782	274	1764	1105	49	230	9.41	353	18	7.20	1	
5/03/25	519	1203	7-15	1850	472	2190	1262	45	163	7.50	250	18	6.96		
6/03/25	461	1133	7.21	1749	214	3115	1534	4-0	344	7.42	529	2.6	6.84		
07/03/25	460	1020	7.45	1569	184	2338	1192	4-3	230	8.15	355	22	7.20		1
8/03/25	1188	1080	6.65	1661	170	2-2-14-	117-1-	42	526	7.51	309	25	3.15	-	
9/03/25	987	1045	2.45	1607	220	3612	1955	46	252	7.61	338	22	7.42	1	
0103125	559	965	7.45	1484	321	3933	2119	43	244	8.08	345	16	7-46		
1/03/25	91	338	7.26	521	360	4197	2319	48	173	311	287	16	7.03		
2103/25	665	1176	7.42	1509	290	2276	1201	48	135	7.50	208	23	7.22		
13/03/25	470	11.04	7.26	1699	284	2612	1270	36	350	7.36	539	18	7.56		
4/03/25	-	104	7.00	1598	251	0564	12.98	30	192	7.21	296	16	7.48		
5/03/45	520	1006	9.48	1548	1914-	2892	14.76	38	2551	8.10	392	14	7.31		
6/03/45	458	947	7.50	14-58	140	3310	0181	48	420	年.40	650	12	7.20		

# STP Logbook

# Annexure-17

# Flue Gas Stack Emission Monitoring Results

Sr.	Location	Parameter	Measuring Unit	Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25
		РМ	mg/Nm3	72.6	69.2	77.2	70.4	66.2	73.2
1	DG Set 1 - 1010 KVA	SO2	ppm	5.8	6.6	5.8	6.6	5.8	6.6
		NOX	ppm	34.6	38.2	34.1	38.4	33.6	36.3
		РМ	mg/Nm3	69.2	71.6	80.4	76.6	70.4	68.6
2	DG Set 2 - 1010 KVA	SO2	ppm	6	8.2	6.6	5.2	6.2	5.4
	1010 KVA	NOX	ppm	38.1	33.9	39.4	35.6	38.4	39.2
		РМ	mg/Nm3	74.1	82.2	74.9	68.6	73.1	70.4
3	DG Set 3- 650 KVA	SO2	ppm	7.2	5.8	6.2	7.6	6.6	5.6
	NVA .	NOX	ppm	34.6	36.8	32.6	33.9	35.1	34.6
		РМ	mg/Nm3	79.1	74.9	84.2	78.2	68.9	77.2
4	DG Set 4- 650 KVA	SO2	ppm	6.4	6.2	7.2	6.8	5.8	6.4
	AVA .	NOX	ppm	34.6	32.1	30.6	34.2	37.2	38.2
		РМ	mg/Nm3	71.6	77.6	70.8	68.6	72.3	69.3
5	DG Set 5- 1250 KVA	SO2	ppm	5.8	6.6	6.2	5.8	6.2	7.2
	ii vii	NOX	ppm	34.2	39.1	38.4	35.2	33.9	34.7
		РМ	mg/Nm3	65.2	74.1	84.2	73.9	70.1	76.1
6	DG Set 6 - 1010 KVA	SO2	ppm	5.8	5.4	6.8	6.2	5.6	5.8
	1010 RWA	NOX	ppm	37.4	39.6	40.2	39.4	36.8	33.2
		РМ	mg/Nm3	74.6	78.2	81.1	82.4	76.4	70.4
7	DG Set 7 - 1010 KVA	SO2	ppm	7.4	8.8	5.6	5.8	6.8	6.2
		NOX	ppm	35.2	38.4	35.6	38.6	39.1	35.1
		РМ	mg/Nm3	27.1	30.2	28.4	31.2	29.8	32.6
8	DG Set 8 - 1010 KVA	S02	ppm	5.4	6.2	6.6	6.6	5.8	6.8
	1010 RW	NOX	ppm	32.6	34.8	38.5	35.2	38.4	36.6
		РМ	mg/Nm3	83.2	73.1	78.1	75.8	77.2	79.1
9	DG Set 9 - 1010 KVA	S02	ppm	6.6	5.8	5.2	5.2	5.2	6.5
	1010 RW	NOX	ppm	37.1	41.2	34.2	36.4	37.2	38.4
		РМ	mg/Nm3	67.3		73.6	80.4	70.4	80.6
10	DG Set 10 - 320 KVA	SO2	ppm	5.8	Plant Shut down	6.8	6.6	6	5.4
	020 IXVA	NOX	ppm	36.4	u0W11	39.2	35.1	33.6	32.1
		РМ	mg/Nm3	77.2	80.4	83.1	70.1	76.6	72.6
11	DG Set 11 - 1500 KVA	SO2	ppm	6.8	6.6	6.6	7.8	5.2	6.6
	1000 IXVA	NOX	ppm	38.4	35.6	39.4	38.2	35.9	36.5

	D0 0 + 10	РМ	mg/Nm3	76.2	71.2	80.6	82.4	77.4	71.5
12	DG Set 12 - 1500 KVA	SO2	ppm	6.1	6.2	5.2	6.2	5.8	5.2
		NOX	ppm	38.4	34.2	37.2	35.6	37.6	34.1
	Thermic	РМ	mg/Nm3	86.1	72.6	76.9	70.2	81.8	74.1
13	Fluid Heater (40 Lac	SO2	ppm	71.4	78.1	68.2	80.2	60.8	51.6
	KCal/Hr)	NOX	ppm	38.4	35.4	38.2	34.1	37.2	35.1
	Thermic	РМ	mg/Nm3	BDL	BDL	BDL			BDL
14	Fluid Heater (4 Lac	SO2	ppm	BDL	BDL	BDL	Not in Operation	Not in Operation	BDL
	KCal/Hr)	NOX	ppm	26.4	28.4	21.9	operation	operation	18.6
		РМ	mg/Nm3	27.1	32.1	24.6	20.4	27.2	32.1
15	Hot Air Generator	SO2	ppm	14.6	18.2	26.4	16.8	20.1	16.8
	0011014101	NOX	ppm	35.2	38.1	33.2	32.8	37.4	34.2
		РМ	mg/Nm3	68.2	72.5	82.6	78.1	71.6	66.2
16	DG Set 14 - 1500 KVA	SO2	ppm	6.4	6.6	5.8	6.2	5.8	6.4
	1000 11111	NOX	ppm	35.2	40.2	39.1	37.1	35.7	32.9
		РМ	mg/Nm3	78.7	65.2	77.4	70.4	73.9	78.4
17	DG Set 15 - 1500 KVA	SO2	ppm	5.8	6.6	7.2	5.8	6.2	5.8
		NOX	ppm	39.1	42.2	38.4	35.2	37.6	35.8

\*The above mentioned data is for existing facilities only. For remaining facilities, the unit shall comply with the condition after installation and obtaining CC&A amendment.







QCI-NABET Accredited EIA Consultant Organization TC-15345 GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

#### TEST REPORT STACK MONITORING

ULR - TC153452500001215F							
Test Report No.	URA/25/02/AIL-J/S-011	Report Issue Date:	04/03/2025				
Service Request form No.	URA/SRF/02/011	Service Request Date.:	05/02/2025				
Sample ID No.URA/ID/S-25/02/011Field Data Sheet No.:URA/FDS/S-25/02							
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Date of Sampling	05/02/2025	Date of Testing	06/02/2025				
Stack Sampling Attached to	DG Set 1 - 1010 KVA						
Air Pollution Control Device							
Fuel Used	HSD						

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01					
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15			
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025			

# General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	129
6.	Exit Gas Velocity	m/s	13.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1826.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	66.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

Page No.: 1

**Note:** This report is subject to Terms and Conditions mentioned overleaf.

UERL/AIR/F-04/04







QCI-NABET Accredited EIA Consultant Organization TC-15345 GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

#### TEST REPORT STACK MONITORING

ULR - TC153452500001216F					
Test Report No.	URA/25/02/AIL-J/S-012	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/012	Service Request Date.:	05/02/2025		
Sample ID No.	URA/ID/S-25/02/012	Field Data Sheet No.:	URA/FDS/S-25/02/012		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	05/02/2025	Date of Testing	06/02/2025		
Stack Sampling Attached to	DG Set 2 - 1010 KVA				
Air Pollution Control Device					
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	13-1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1752.2

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	38.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001224F					
Test Report No.	URA/25/02/AIL-J/S-019	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/019	Service Request Date.:	06/02/2025		
Sample ID No.	URA/ID/S-25/02/019	Field Data Sheet No.:	URA/FDS/S-25/02/019		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	06/02/2025	Date of Testing	07/02/2025		
Stack Sampling Attached to	DG Set 3 - 650 KVA				
Air Pollution Control Device					
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1699.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	73.1	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.6	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.1	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001225F					
Test Report No.	URA/25/02/AIL-J/S-020	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/020	Service Request Date.:	06/02/2025		
Sample ID No.	URA/ID/S-25/02/020	Field Data Sheet No.:	URA/FDS/S-25/02/020		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	06/02/2025	Date of Testing	07/02/2025		
Stack Sampling Attached to	DG Set 4 - 650 KVA				
Air Pollution Control Device					
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	128
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1696.8

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	68.9	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001226F						
Test Report No.	URA/25/02/AIL-J/S-021	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/021	Service Request Date.:	06/02/2025			
Sample ID No.	URA/ID/S-25/02/021	Field Data Sheet No.:	URA/FDS/S-25/02/021			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	06/02/2025	Date of Testing	07/02/2025			
Stack Sampling Attached to	DG Set 5 - 1250 KVA	DG Set 5 - 1250 KVA				
Air Pollution Control Device						
Fuel Used	HSD	HSD				

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	25
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	131
6.	Exit Gas Velocity	m/s	anah Laha Dati Lid 212.1
7.	Exit Gas Flow	Nm³/h	1618.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	72.3	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.9	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001303F					
Test Report No.	URA/25/02/AIL-J/S-041	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/041	Service Request Date.:	19/02/2025		
Sample ID No.	URA/ID/S-25/02/041	Field Data Sheet No.:	URA/FDS/S-25/02/041		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	19/02/2025	Date of Testing	20/02/2025		
Stack Sampling Attached to	DG Set 6 - 1010 KVA				
Air Pollution Control Device					
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	25
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	124
6.	Exit Gas Velocity	m/s	rah   aha Dati   i d 212.1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1643.7

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.1	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.6	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	36.8	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

# Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001304F				
Test Report No.	URA/25/02/AIL-J/S-042	Report Issue Date:	04/03/2025	
Service Request form No.	URA/SRF/02/042	Service Request Date.:	19/02/2025	
Sample ID No.	URA/ID/S-25/02/042	Field Data Sheet No.:	URA/FDS/S-25/02/042	
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT		
Date of Sampling	19/02/2025	Date of Testing	20/02/2025	
Stack Sampling Attached to	DG Set 7 - 1010 KVA			
Air Pollution Control Device				
Fuel Used	HSD			

# Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	unah   aha   1 / 13-13-13-13-13-13-13-13-13-13-13-13-13-1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1791.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	76.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	39.1	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001305F					
Test Report No.	URA/25/02/AIL-J/S-043	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/043	Service Request Date.:	19/02/2025		
Sample ID No.	URA/ID/S-25/02/043	Field Data Sheet No.:	URA/FDS/S-25/02/043		
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025		
Stack Sampling Attached to	DG Set 8 - 1010 KVA				
Air Pollution Control Device	Carbon Cutter				
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm³/h	1707.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	29.8	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	38.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001306F					
Test Report No.	URA/25/02/AIL-J/S-044	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/044	Service Request Date.:	19/02/2025		
Sample ID No.	URA/ID/S-25/02/044	Field Data Sheet No.:	URA/FDS/S-25/02/044		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	19/02/2025	Date of Testing	20/02/2025		
Stack Sampling Attached to	DG Set 9 - 1010 KVA				
Air Pollution Control Device	-				
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	٥C	31
5.	Flue Gas Temperature	°C	132
6.	Exit Gas Velocity	m/s	12.1
7.	Exit Gas Flow	Nm³/h	1610.8

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	77.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001227F					
Test Report No.	URA/25/02/AIL-J/S-022	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/022	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/022	Field Data Sheet No.:	URA/FDS/S-25/02/022		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	07/02/2025	Date of Testing	08/02/2025		
Stack Sampling Attached to	DG Set 10 - 320 KVA				
Air Pollution Control Device					
Fuel Used	HSD	HSD			

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	10
2.	Stack Diameter	mm	168
3.	Stack Area	m²	0.0222
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	13.4
7.	Exit Gas Flow	Nm <sup>3</sup> /h	798.1

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.0	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001228F					
Test Report No.	URA/25/02/AIL-J/S-023	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/023	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/023	Field Data Sheet No.:	URA/FDS/S-25/02/023		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	07/02/2025	Date of Testing	08/02/2025		
Stack Sampling Attached to	DG Set 11 - 1500 KVA				
Air Pollution Control Device					
Fuel Used	HSD				

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	118
6.	Exit Gas Velocity	m/s	12.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1771.4

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	76.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.9	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001229F					
Test Report No.	URA/25/02/AIL-J/S-024	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/024	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/024	Field Data Sheet No.:	URA/FDS/S-25/02/024		
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	07/02/2025	Date of Testing	08/02/2025		
Stack Sampling Attached to	DG Set 12 - 1500 KVA				
Air Pollution Control Device					
Fuel Used	HSD				

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	anal also Did 12.1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1656.9

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	77.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *K. D. Cobol* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001207F	ULR - TC153452500001207F				
Test Report No.	URA/25/02/AIL-J/S-002	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/002	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/002	Field Data Sheet No.:	URA/FDS/S-25/02/002		
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,				
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	04/02/2025	Date of Testing	05/02/2025		
Stack Sampling Attached to	Thermic Fluid Heater (40 Lac KCal/Hr)				
Air Pollution Control Device	Bag Filter				
Fuel Used	Coal				

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Diameter	mm	1350
3.	Stack Area	m <sup>2</sup>	1.4320
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	149
6.	Exit Gas Velocity	m/s	
7.	Exit Gas Flow	Nm³/h	37586.6

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	81.8	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	60.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001217F					
Test Report No.	URA/25/02/AIL-J/S-013	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/013	Service Request Date.:	05/02/2025		
Sample ID No.	URA/ID/S-25/02/013	Field Data Sheet No.:	URA/FDS/S-25/02/013		
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	05/02/2025	Date of Testing	06/02/2025		
Stack Sampling Attached to	Hot Air Generator				
Air Pollution Control Device	Cyclone Seperator, Bag Filter & Water/Dry Scrubber				
Fuel Used	Coal				

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

# General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	33
2.	Stack Diameter	mm	1000
3.	Stack Area	m²	0.7857
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	78
6.	Exit Gas Velocity	m/s	
7.	Exit Gas Flow	Nm <sup>3</sup> /h	30523.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	27.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	20.1	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001307F						
Test Report No.	URA/25/02/AIL-J/S-045	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/045	Service Request Date.:	19/02/2025			
Sample ID No.	URA/ID/S-25/02/045	URA/ID/S-25/02/045 Field Data Sheet No.: URA/FDS				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025			
Stack Sampling Attached to	DG Set 14 - 1500 KVA					
Air Pollution Control Device						
Fuel Used	HSD					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1 Serial Number: 467-DTJ-15			
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	0C	124
6.	Exit Gas Velocity	m/s	12.9
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1752.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	71.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.7	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001308F						
Test Report No.	URA/25/02/AIL-J/S-046	URA/25/02/AIL-J/S-046 Report Issue Date:				
Service Request form No.	URA/SRF/02/046	Service Request Date.:	19/02/2025			
Sample ID No.	URA/ID/S-25/02/046	URA/ID/S-25/02/046 Field Data Sheet No.: UI				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025			
Stack Sampling Attached to	DG Set 15 - 1500 KVA	DG Set 15 - 1500 KVA				
Air Pollution Control Device						
Fuel Used	HSD	HSD				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01				
Inst. Name:	Stack Monitoring Kit, VSS1 Serial Number: 467-DTJ-15				
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025		

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1684.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	73.9	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001209F					
Test Report No.	URA/25/02/AIL-J/S-004	URA/25/02/AIL-J/S-004 Report Issue Date:			
Service Request form No.	URA/SRF/02/004	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/004	URA/ID/S-25/02/004 Field Data Sheet No.: URA/FI			
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	04/02/2025	Date of Testing	05/02/2025		
Stack Sampling Attached to	CaCO₃ Reactor (CaCl₂ Plant)				
Air Pollution Control Device	Alkali Scrubber				
Fuel Used					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01				
Inst. Name:	Stack Monitoring Kit, VSS1         Serial Number:         467-DTJ-15				
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025		

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	23
2.	Stack Diameter	mm	200
3.	Stack Area	m²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anah Laha Di tulu 3.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	372.1

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	3.2	50	IS 11255 (Part 1)
2.	Hydrochloric Acid (HCl)	mg/Nm³	4.8	20	UERL/AIR/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** R. D. Gohl Rajnish Gohil (Chemist)



(Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001210F					
Test Report No.	URA/25/02/AIL-J/S-005	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/005	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/005	Field Data Sheet No.:	URA/FDS/S-25/02/005		
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	04/02/2025	04/02/2025 Date of Testing 05/02/2025			
Stack Sampling Attached to	CaCl <sub>2</sub> Dryer Vent (CaCl <sub>2</sub> Plant)				
Air Pollution Control Device	Wet Scrubber				
Fuel Used					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	20
2.	Stack Diameter	mm	1900
3.	Stack Area	m <sup>2</sup>	2.8364
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	C	
6.	Exit Gas Velocity	m/s	nah Laha Dut Lid 211.4
7.	Exit Gas Flow	Nm³/h	94759.9

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	94.2	150	IS 11255 (Part 1)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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### TEST REPORT STACK MONITORING

ULR - TC153452500001294F						
Test Report No.	URA/25/02/AIL-J/S-036	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/036	Service Request Date.:	08/02/2025			
Sample ID No.	URA/ID/S-25/02/036	Field Data Sheet No.:	URA/FDS/S-25/02/036			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	08/02/2025	08/02/2025 Date of Testing 10/02/2025				
Stack Sampling Attached to	Chlorination Reactor Vent					
Air Pollution Control Device	Falling Film Absorber followed by Alkali Scrubber					
Fuel Used						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Diameter	mm	200
3.	Stack Area	m²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anah Laha Di t Lid 3.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	415.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Chlorine as Cl₂	mg/Nm³	BDL	9	SA EPA Method
2.	Hydrochloric Acid (HCl)	mg/Nm³	3.9	20	UERL/AIR/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** R. D. Gohl Rajnish Gohil (Chemist)



(Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001296F						
Test Report No.	URA/25/02/AIL-J/S-038	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/038	Service Request Date.:	08/02/2025			
Sample ID No.	URA/ID/S-25/02/038	Field Data Sheet No.:	URA/FDS/S-25/02/038			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	08/02/2025					
Stack Sampling Attached to	CLB-Cl <sub>2</sub> Scrubber (Storage/Pipeline)					
Air Pollution Control Device	Caustic Scrubber					
Fuel Used						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	18
2.	Stack Diameter	mm	250
3.	Stack Area	m <sup>2</sup>	0.0491
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	4.3 A.3
7.	Exit Gas Flow	Nm <sup>3</sup> /h	735.2

#### Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.Chlorine as Cl2mg/Nm3BDL ((MDL:1.0)9SA EPA Method					
Note: 1) BDL-Below Detection Limit 2) MDL- Minimum Detection Limit					

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:	
Opinion & Interpretation (if required): BDL: Below Detection Limit	

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** K. D. Gohil Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001295F				
Test Report No.	URA/25/02/AIL-J/S-037	URA/25/02/AIL-J/S-037 Report Issue Date: 04/03/2025		
Service Request form No.	URA/SRF/02/037 Service Request Date.: 08/02/2		08/02/2025	
Sample ID No.	URA/ID/S-25/02/037	URA/ID/S-25/02/037 Field Data Sheet No.: URA/FDS/S-25/02/03		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT		
Date of Sampling	08/02/2025 Date of Testing 10/02/2025			
Stack Sampling Attached to CLB-HCL Scrubber (Storage)				
Air Pollution Control Device	HCl Absorber followed by Caustic Scrubber			
Fuel Used				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	750
3.	Stack Area	m <sup>2</sup>	0.4420
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	3.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	5119.7

#### > Test Parameter Results

Sr Unit of Permissible	ON
No.     Test Parameter     Result     Limit	ethod
1.     Hydrochloric Acid (HCl)     mg/Nm³     BDL     20     UERL/AIR	/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

### **Remarks:**

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

Page No.: 1

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QCI-NABET Accredited EIA Consultant Organization TC-15345 GPCB Recognized Environmental Auditor (Schedule-11)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001208F				
Test Report No.	URA/25/02/AIL-J/S-003	URA/25/02/AIL-J/S-003 Report Issue Date: 04/03/2025		
Service Request form No.	URA/SRF/02/003 Service Request Date.: 04/02/202		04/02/2025	
Sample ID No.	URA/ID/S-25/02/003 Field Data Sheet No.: URA/FDS/S-25/02/0		URA/FDS/S-25/02/003	
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	04/02/2025 Date of Testing 05/02/2025			
Stack Sampling Attached to HCI Scrubber (Storage)				
Air Pollution Control Device	Caustic Scrubber			
Fuel Used				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	23
2.	Stack Diameter	mm	100
3.	Stack Area	m <sup>2</sup>	0.0079
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	unah Laha Dut Lid 34.2
7.	Exit Gas Flow	Nm³/h	103.7

#### > Test Parameter Results

Sr Unit of Permissible	
No.     Test Parameter     Onit of measurement     Result     Test Met	:hod
1.     Hydrochloric Acid (HCl)     mg/Nm³     14.8     20     UERL/AIR/S	OP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

#### **Remarks:**

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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### TEST REPORT STACK MONITORING

ULR - TC153452500001230F						
Test Report No.	URA/25/02/AIL-J/S-025	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/025	Service Request Date.:	07/02/2025			
Sample ID No.	URA/ID/S-25/02/025	Field Data Sheet No.:	URA/FDS/S-25/02/025			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	07/02/2025	07/02/2025 Date of Testing 08/02/2025				
Stack Sampling Attached to	DAPBI Process (Alkali Scrub	DAPBI Process (Alkali Scrubber)				
Air Pollution Control Device	Water Scrubber followed by Alkali Scrubber					
Fuel Used						

#### Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	152
3.	Stack Area	m²	0.0182
4.	Ambient Temperature	°C	34
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah Laha Dut Lid 34.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	265.1

#### > Test Parameter Results

DISCIE	DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	mg/Nm³	3.9	20	UERL/AIR/SOP/07
2.	Chlorine as Cl₂	mg/Nm³	BDL	9	SA EPA Method

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist)



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#### TEST REPORT STACK MONITORING

ULR - TC153452500001231F					
Test Report No.	URA/25/02/AIL-J/S-026	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/026	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/026	Field Data Sheet No.:	URA/FDS/S-25/02/026		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	07/02/2025	07/02/2025 Date of Testing 08/02/2025			
Stack Sampling Attached to	DAPBI Process (Acidic Scrubber)				
Air Pollution Control Device	Acidic Scrubber				
Fuel Used					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	152
3.	Stack Area	m²	0.0182
4.	Ambient Temperature	٥C	34
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah   aha Dati   1 d 3.9
7.	Exit Gas Flow	Nm³/h	246.1

#### > Test Parameter Results

DISCIP	LINE – CHEMICAL TESTING		NAME OF GR	OUP – ATMOSP	HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Ammonia as NH₃	mg/Nm³	6.4	175	IS: 11255 (Part-6)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:				
Opinion & Interpretation (if required): BDL: Below Detection Limit				

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001232F					
Test Report No.	URA/25/02/AIL-J/S-027	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/027	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/027	Field Data Sheet No.:	URA/FDS/S-25/02/027		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	07/02/2025	07/02/2025 Date of Testing 08/02/2025			
Stack Sampling Attached to	ETP Scrubber				
Air Pollution Control Device	Acidic Scrubber				
Fuel Used					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	500
3.	Stack Area	m <sup>2</sup>	0.1964
4.	Ambient Temperature	°C	35
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah Laha Dat Lid 34.0
7.	Exit Gas Flow	Nm <sup>3</sup> /h	2724.0

## > Test Parameter Results

DISCIP	LINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Ammonia as NH₃	mg/Nm³	7.2	175	IS: 11255 (Part-6)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:						
Opinion & Interpretation (if required): BDL: Below Detection Limit						

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001233F								
Test Report No.	URA/25/02/AIL-J/S-028	25/02/AIL-J/S-028 Report Issue Date:						
Service Request form No.	URA/SRF/02/028	Service Request Date.:	07/02/2025					
Sample ID No.	URA/ID/S-25/02/028 Field Data Sheet No.: URA/FDS/S-25,							
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT							
Date of Sampling	07/02/2025	Date of Testing	08/02/2025					
Stack Sampling Attached to	Scrubber connected to Nitration Reactors							
Air Pollution Control Device								
Fuel Used								

#### Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01						
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15				
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025				

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	29
2.	Stack Diameter	mm	76
3.	Stack Area	m²	0.0046
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anal ala Dat I ta 3.7
7.	Exit Gas Flow	Nm <sup>3</sup> /h	59.4

#### > Test Parameter Results

Sr. Test Parameter Unit of Result Permissible Test Method	DISCI	PLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
No. measurement Limit	Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.         Oxide of Nitrogen         ppm         8.8         50         IS 11255 (Part 7)	1.	Oxide of Nitrogen	ppm	8.8	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:						
Opinion & Interpretation (if required): BDL: Below Detection Limit						

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

Page No.: 1

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# Process Gas Stack Emission Monitoring Results

Sr. No	Stack Attached to	Parameter	Measuring Unit	Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25
1	HCl Scrubber (Storage)	HCl	mg/Nm3	8.2	11.2	10.2	6.6	14.8	10.1
2	CaCO3 Reactor (CaCl2 plant)	HCL	mg/Nm3	14.1	12.8	8.5	8.9	4.8	18.2
3	Reformer (Hydrogen)	СО	mg/Nm3	Plant Shut Down	Plant Shut Down	Plant Shut Down	Plant Shut Down	Plant Shut Down	Plant Shut Down
4	Chlorinator Reactor	HCL	mg/Nm3	3.4	4.2	3.8	4.1	3.9	4.2
4	Vent	Chlorine	mg/Nm3	BDL	BDL	BDL	BDL	BDL	BDL
5	CLB-HCL Scrubber (Storage)	HCL	mg/Nm3	BDL	BDL	BDL	8.2	BDL	8.2
6	CLB-Cl2 Scrubber (Storage/Pipeline)	Cl2	mg/Nm3	BDL	BDL	BDL	BDL	BDL	BDL
7	CLB - PDCB Scrubber (Storage)	VOC	ppm	8.2	12.2	8.6	10.4	8.8	10.1
		HCL	mg/Nm3	3.7	4.4	Plant	3.8	Plant	5.2
8	TCB Scrubber	Cl2	mg/Nm3	BDL	BDL	Shut Down	BDL	Shut Down	BDL
9	TCB ODCB Scrubber (Storage)	VOC	ppm	4.2	3.1	Plant Shut down	4.4	Plant Shut Down	12.1
	Group IB:	HCl	mg/Nm3	1.7	Plant	Dlant	3.2	Dlant	2.7
10	Chlorination Products and its Derivatives Scrubber	Cl2	mg/Nm3	BDL	Shut down	Plant Shut down	BDL	Plant Shut Down	BDL
	DAPBI Process	HCl	mg/Nm3	4	3.9	4.2	3.1	3.9	4.3
11	(Alkali Scrubber)	Cl2	mg/Nm3	BDL	BDL	BDL	BDL	BDL	BDL
12	DAPBI Process (Acidic Scrubber)	NH3	mg/Nm3	30.4	22.6	10.1	8.8	6.4	18.8
13	ETP Scrubber	NH3	mg/Nm3	18.6	24.2	8.6	8.2	7.2	8.1
14	Scrubber connected to Nitration Reactors	NOx	ppm	16.2	12.1	12.6	BDL	8.8	14.2
15	CaCl2 Dryer vent (CaCl2 plant)	РМ	mg/Nm3	86.4	92.4	116.4	88.3	94.2	80.4

Details of Spent Hydrochloric Acid Management:

Sr No	Name of Hazardous Waste & Category	CCA applied Quantity (MT/Annum)	Mode of Disposal	End-Users Name	Address	MOU/ Utilization Quantity (MT/Annum)	End User CCA details
1			Reception, storage and consumption in inhouse CaCl2 plant	Aarti Industries Limited (XGN ID: 35534)	Internal consumption within same premises	148097	AWH-138793 Issued on 06.02.2025 Valid upto: 30.04.2029
2			Generation,	Aarti Industries Limited (Acid Division)	Plot No. 802, 803, 804/3, Phase-III, GIDC Industrial Estate, Vapi - 396195, Dist.: Valsad, Gujarat.	68400	AWH-137111 Issued on: 19.09.2024 Valid upto: 30.06.2031
3	Hydrochloric Acid (B15 of Schedule-II)	196265	Collection, storage, Transportation, and selling out to authorized users who are having	Aarti Industries Limited (Alchemie Organics Division)	Plot No. 902, Phase-III, GIDC Industrial Estate, Vapi - 396195, Dist.: Valsad, Gujarat.	15000	AWH-123323 Issue on: 19.12.2022 Valid Upto 30.09.2029
4			authorization with valid CCA and rule 9	Vasu Industries	Plot No. 503, 504, Bamanbore GIDC, Taluka Chotila, Dist. Surendranagar-363001, Gujarat.	18000	AWH - 122524 Issue on: 12.11.2022 Valid Upto 08.10.2027

5		Brions Bioscience	Plot No. 311, Bamanbore GIDC Rajkot, Taluka Chotila, Dist. Surendranagar-360023, Gujarat.	12000	AWH - 127071 Issue on: 20.06.2023 Valid Upto 11.05.2028 CCA No-H-131273 Issue on: 05.01.2024 Valid Upto 11.05.2028
6		Aarti Industries Limited (Anushakti Division)	Plot No. 1430/1, N.H. No. 8A, Bhachau-370140, Tal: Bhachau, Dist. Kutch, Gujarat	90000	AWH-139723 Issued on: 16.01.2025 Valid upto 31.12.2031
7		Shreyas Industries	Survey No. 202/4, Opp. Power Station, Golana Khambhat Road, Vill. Sokhada, Tal. Khambhat, Dist. Anand Gujarat- 388620	6000	AWH-122304 Issued on 28.20.2022 Valid upto 30.06.2027
8		Shiv Chemicals	45 A, Road No. 3, Madri Industrial Area, Madri, Tehsil: Girwa, District: Udaipur, Rajasthan	12000	File No: F(Tech)/Udaipur(Girwa) /6970(1)/2022-2023/73 3-734 Order No : 2023-2024/Udaipur/977 4
10		Gharda Chemical Limited	Plot D-1/2, B-1/7, MIDC Lote Pershuram, Taluka - Khed, Dist: Ratnagiri, Maharashtra - 415722.	18000	Format 1.0/CAC/UAN No. 0000092566/CR-200900 0532 Issued on: 09.09.2022 Valid upto 31.07.2025
11		Joyas Agro Chem	Plot/Survey No.1659, Village: Kanoda -384212	6000	GPCB/CCA-MH-1411/ID- 87194/760941 Issued on 13.12.2023 Valid upto 31.12.2027

					Tal: Becharaji, Dist. Mehsana, Gujarat		
12				Palsai Industries Private Limited	Gut No 426/1, Patlipada, Palsai, Tal:- Wada, Dist:- Palghar, Maharashtra.	18000	Format 1.0/RO(BMW) /UAN No.MPCB- CONSENT-0000196066/ CO/2405001336 Issued on 15.05.2024 Valid upto 30.04.2029
13				ACS Industries	Plot No. 2702, GIDC ESTATE PANOLI, DIST-BHARUCH, GUJARAT	5000	AWH-136719 Issued on 21.08.2024 Valid upto 15.04.2029
Α	Total MoU Quantity for External utilization by end-users under Rule-9 (MT/Annum)						-
В	Total Internal utilization for manufacturing of CaCl2 (MT/Annum)						-
	Grand Total (A+B) in MT/Annum						-

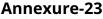
	CSR/CER Activities from Oct'24 to Mar'25									
Sr No.			Nature of Work	Expended Amount (INR)	Beneficiary Students / Peoples	Impact on People's Life				
1	AIL Jhagadia	Farmbridge	Farmer's Awareness & Training	400000	500 Farmers per Month 6000 Farmers per year for a period of 3 years	<ol> <li>Increase in Farmer's Income</li> <li>Decrease in Input Cost</li> <li>Climate Change Adoptation in Agriculture</li> <li>Soil Health Improvement</li> </ol>				
2	AIL Jhagadia	Gram Vikas Trust	Vidhya Sathi Project at 69 Govt. schools of Bharuch district Total 78 teachers & 3 project co-ordinators	3400000	Students of 69 Gov. Schools	To enhance doule student level in Education to Govt. Schools				
3	AIL Jhagadia	Gram Vikas Trust	Aarti Play School (Hindi Medium)	600000	For education of 4 to 6 year child (70 Students)	To get the beneficiary to migrated workers family & motivate their children for education				
4	AIL Jhagadia	CSE, Delhi	Environmental awareness among the school children and faculty members of the beneficiary institutions	1000000	libraries of 500 educational institutions in Bharuch, Valsad, Vadodara & Kutch districts of Gujarat State	for promoting environmental awareness among the school children and faculty members of the beneficiary institutions				
5	AIL Jhagadia	Avika Bags	Blood Donation Camp	165000	363	Nobal Cause				
6	AIL Jhagadia	Sadbhavna Seva Foundation	Tree Plantation 1000 nos under CMO's guidance by Sadbhavna Foundation at GIDC Area, Jhagadia	1000000	Protect Environment Surrounding Area	Protect Environment				
7	AIL Jhagadia	Paryavaran Foundation	Social and educational assistance to the surrounding villages of Jhagadia Taluka	960000	For Educational & Infra Development of Surrounding villages of Jhagadia GIDC	Social and educational assistance to the surrounding villages of Jhagadia Taluka.				
			Total	7525000						

# Ambient Noise Monitoring Results

Loca		Permiss	ible Limit	Oc	ť24	No	/'24	Dec	:'24	Jan	-25	Feb	-25	Mar	-25					
tion No.	Location	Day Time	Night Time	Day Time	Night Time															
1	Near PDA Gate			61.3	58.0	61.2	57.6	62.0	58.6	60.7	57.5	61.4	58.3	60.8	57.6					
2	New PDA Cooling Tower			70.3	67.4	70.0	66.9	71.0	68.2	69.8	66.8	70.5	67.6	70.0	67.0					
3	Near 40 LacKcal/Hr TFH Area			68.0	65.3	67.1	64.5	68.0	65.7	67.3	64.8	67.6	64.9	67.3	64.4					
4	Near CaCl2 Granulation Plant			67.8	64.4	67.6	64.0	67.8	65.1	67.4	63.9	67.9	64.8	67.2	64.1					
5	Near CaCl2 material gate			65.8	62.7	65.1	62.3	65.7	62.5	65.2	62.5	65.6	62.8	65.1	62.3					
6	Near CaCl2 STP			68.6	65.1	67.8	64.4	69.0	65.2	68.2	64.4	68.6	65.3	68.3	64.8					
7	H2G plant Main Gate			67.6	65.0	66.7	64.7	67.2	64.8	66.9	64.5	67.3	65.0	66.9	64.6					
8	Near CLB Cooling Tower	75 dB(A)	70dB(A)	73.6	68.4	73.3	69.2	72.1	68.9	73.7	69.0	74.0	68.8	73.9	67.9					
9	Near TCAN Plant Tank Farm				61.7	59.1	61.6	58.9	61.8	58.9	61.2	58.4	62.0	59.3	61.6	58.8				
10	Near CLB STP			60.2	57.0	59.8	56.6	60.1	57.4	60.0	56.6	60.2	57.2	60.0	56.6					
11	Near 25 DCNB weighbridge			59.3	56.1	58.7	55.5	59.9	56.0	58.7	55.7	59.2	56.4	59.0	55.8					
12	Near 25 DCNB material Gate 2								60.7	57.4	60.2	56.8	61.5	58.0	60.1	56.9	60.7	57.7	60.4	57.0
13	Near Endaca Admin building			61.6	58.8	61.1	58.1	62.1	58.5	61.2	57.9	61.5	58.5	61.3	58.1					
14	Near GOLD gate			60.5	57.5	60.4	56.7	60.5	57.2	60.4	56.8	60.9	57.5	60.3	57.0					
15	Near GOLD warehouse			60.4	58.0	59.9	57.4	60.3	58.2	59.9	57.5	60.4	58.1	59.7	57.3					







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TEST REPORT

## AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC153452500001300F					
Test Report No.:	URA/25/02/AIL-J/AN-002	Date Of Report:	04/03/2	025	
Name & Add. of Industries	M/s. AARTI INDUSTRIES LIMITED,				
	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,				
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,				
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Sampling Method	IS : 9989 : 1981				
Details of Instrument	Used for Monitoring.				
Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date	
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2025	01/02/2026	
	/	•		•	

Date and Time of Monitoring : 04 & 07/02/2025

#### Result

DISCIPL	INE – CHEMICAL TESTING	NAME OF GROUP – ATMOSPHERIC POLLUTION				
		Noise Lev	Permissible Limit CPCB			
Sr. No.	Location	Day Time (6:00 – 22:00)	Night Time (22:00 – 6:00)	Day Time	Night Time	
1.	Near PDA Gate	61.4	58.3	75 dB (A)	70 dB (A)	
2.	Nr. PDA Cooling Tower	70.5	67.6	75 dB (A)	70 dB (A)	
3.	Near 40 LacKCal/Hr TFH Area	67.6	64.9	75 dB (A)	70 dB (A)	
4.	Near CaCL2 Granulation Plant	67.9	64.8	75 dB (A)	70 dB (A)	
5.	Near CaCl2 Material Gate	65.6	62.8	75 dB (A)	70 dB (A)	
6.	Near CaCl2 STP Plant	68.6	65.3	🚬 75 dB (A)	70 dB (A)	
7.	H2G Plant Main Gate	NC3C0 67.3 013	65.0	<sup>~</sup> 75 dB (A)	70 dB (A)	
8.	Near CLB Cooling Tower	74.0	68.8	75 dB (A)	70 dB (A)	
9.	Near TCAN Plant Tank Farm	62.0	59.3	75 dB (A)	70 dB (A)	
10.	Near CLB STP	60.2	57.2	75 dB (A)	70 dB (A)	

Remarks: Opinion & Interpretation (if required):

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

. D. Gohl

Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-18/03

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QCI-NABET Accredited EIA Consultant Organization TC-15345 GPCB Recognized Environmental Auditor (Schedule-11)

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## TEST REPORT

#### AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC153452500001300F						
Test Report No.:	URA/25/02/AIL-J/AN-002	Date Of Report:	04/03/20	)25		
Name & Add. of Industries	M/s. AARTI INDUSTRIES LIMITED,					
	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,					
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,					
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Sampling Method	IS : 9989 : 1981					
Details of Instrument	Used for Monitoring.					
Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date		
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2025	01/02/2026		

Date and Time of Monitoring : 04 & 07/02/2025

#### Result

DISCIPL	INE – CHEMICAL TESTING	NAME OF GROUP	NAME OF GROUP – ATMOSPHERIC POLLUTION				
		Noise Lev	rel dB(A)	Permissible Limit CPCB			
Sr. No.	Location	Day Time (6:00 – 22:00)	Night Time (22:00 – 6:00)	Day Time	Night Time		
11.	Near 2,5 DCNB Weighbridge	59.2	56.4	75 dB (A)	70 dB (A)		
12.	Near 2,5 DCNB Material Gate 2	60.7	57.7	75 dB (A)	70 dB (A)		
13.	Near Endaca Admin Building	61.5	58.5	75 dB (A)	70 dB (A)		
14.	Near GOLD Gate	60.9	57.5	75 dB (A)	70 dB (A)		
15.	Near GOLD Warehouse	60.4	58.1	75 dB (A)	70 dB (A)		

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area	Category of Area/Zone	Limit in dB (A) Leq		
Code		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
(A)	Industrial area	75	70	
(B)	Commercial area	65	55	
(C)	Residential area	55	45	
(D)	Silence Zone	50	40	

**Remarks:** 

**Opinion & Interpretation (if required):** 

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

R. D. Gohl

Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-18/03

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TEST REPORT

## WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500001302F						
Test Report No.:	URA/25/02/AIL-J/WN-002	Date Of Report:	04/03/20	)25		
Name & Add. of Industries	M/s. AARTI INDUSTRIES LIMITED,					
	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,					
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,					
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Sampling Method	IS : 4758 : 1968					
Details of Instrument	Details of Instrument Used for Monitoring.					
Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date		
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2025	01/02/2026		

Date and Time of Monitoring : 07/02/2025

#### Result

DISCIPL	INE – CHEMICAL TESTING	NAME OF GROUP – ATMOSPHERI	NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)		
1.	D.G Set (New PDA Plant)	64.6	85 dB (A)		
2.	D.G Set (Hydrogen Generation Plant)	73.4	85 dB (A)		
3.	Hydrogen Storage Area	71.0	85 dB (A)		
4.	Near FBD (CaCl2 Plant)	67.5	85 dB (A)		
5.	Reaction Section (CaCl2 Plant)	66.3	85 dB (A)		
6.	ID Fan (THF Plant)	62.1	85 dB (A)		
7.	Coal Conveyer Belt (TFH Plant)	64.9	85 dB (A)		
8.	D.G Set (CLB Plant)	72.0	85 dB (A)		
9.	Hydrogen Compressor	68.7	85 dB (A)		
10.	Vaccum Pump (SEE Plant)	63.2	85 dB (A)		

**TWA:** Time Weighted Average.

Demonstra	
Remarks:	
Opinion & Interpretation (if required):	

\*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By:

. D. Gohl

Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-84/00

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TEST REPORT

## WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500001302F					
Test Report No.:	URA/25/02/AIL-J/WN-002	Date Of Report:	04/03/20	)25	
Name & Add. of Industries	M/s. AARTI INDUSTRIES LIMITED,				
	PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,				
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779,				
	GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Sampling Method	IS : 4758 : 1968				
Details of Instrument	Used for Monitoring.				
Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date	
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2025	01/02/2026	

Date and Time of Monitoring : 07/02/2025

#### Result

DISCIPI	LINE – CHEMICAL TESTING	NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)		
11.	Chlorinator	67.6	85 dB(A)		
12.	4 LacKCal/Hr (TFH Plant in CLB)	61.8	85 dB(A)		
13.	Ground Floor (TCAN Plant)	58.0	85 dB(A)		
14.	Utility Building (TCAN Plant)	61.3	85 dB(A)		
15.	Tank Farm (TCAN Plant)	58.9	85 dB(A)		

**TWA:** Time Weighted Average.

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Remarks: Opinion & Interpretation (if required):

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

R. D. Gohl

Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)







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#### TEST REPORT STACK MONITORING

ULR - TC153452500001215F						
Test Report No.	URA/25/02/AIL-J/S-011	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/011	Service Request Date.:	05/02/2025			
Sample ID No.	URA/ID/S-25/02/011 Field Data Sheet No.: URA/FDS/S-25/02/011					
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	05/02/2025	Date of Testing	06/02/2025			
Stack Sampling Attached to	DG Set 1 - 1010 KVA					
Air Pollution Control Device		-				
Fuel Used	HSD					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	<sup>0</sup> C	32
5.	Flue Gas Temperature	°C	129
6.	Exit Gas Velocity	m/s	13.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1826.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	66.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

UERL/AIR/F-04/04

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001216F							
Test Report No.	URA/25/02/AIL-J/S-012	URA/25/02/AIL-J/S-012 Report Issue Date: 04/03/2025					
Service Request form No.	URA/SRF/02/012	Service Request Date.:	05/02/2025				
Sample ID No.	URA/ID/S-25/02/012	Field Data Sheet No.:	URA/FDS/S-25/02/012				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Date of Sampling	05/02/2025	Date of Testing	06/02/2025				
Stack Sampling Attached to	DG Set 2 - 1010 KVA						
Air Pollution Control Device							
Fuel Used	HSD						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	13-1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1752.2

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	38.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001224F						
Test Report No.	URA/25/02/AIL-J/S-019	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/019	Service Request Date.:	06/02/2025			
Sample ID No.	URA/ID/S-25/02/019	Field Data Sheet No.:	URA/FDS/S-25/02/019			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	06/02/2025	Date of Testing	07/02/2025			
Stack Sampling Attached to	DG Set 3 - 650 KVA	DG Set 3 - 650 KVA				
Air Pollution Control Device						
Fuel Used	HSD					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	12.4
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1699.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	73.1	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.6	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.1	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001225F							
Test Report No.	URA/25/02/AIL-J/S-020	URA/25/02/AIL-J/S-020 Report Issue Date: 04/03/2025					
Service Request form No.	URA/SRF/02/020	Service Request Date.:	06/02/2025				
Sample ID No.	URA/ID/S-25/02/020	Field Data Sheet No.:	URA/FDS/S-25/02/020				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Date of Sampling	06/02/2025	Date of Testing	07/02/2025				
Stack Sampling Attached to	DG Set 4 - 650 KVA						
Air Pollution Control Device							
Fuel Used	HSD						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	128
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1696.8

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	68.9	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001226F					
Test Report No.	URA/25/02/AIL-J/S-021	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/021	Service Request Date.:	06/02/2025		
Sample ID No.	URA/ID/S-25/02/021	Field Data Sheet No.:	URA/FDS/S-25/02/021		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	06/02/2025	Date of Testing	07/02/2025		
Stack Sampling Attached to	DG Set 5 - 1250 KVA	DG Set 5 - 1250 KVA			
Air Pollution Control Device					
Fuel Used	HSD				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	25
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	131
6.	Exit Gas Velocity	m/s	anah Laha Dati Lid 212.1
7.	Exit Gas Flow	Nm³/h	1618.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	72.3	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.9	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cobil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001303F					
Test Report No.	URA/25/02/AIL-J/S-041	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/041	Service Request Date.:	19/02/2025		
Sample ID No.	URA/ID/S-25/02/041	Field Data Sheet No.:	URA/FDS/S-25/02/041		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	19/02/2025	Date of Testing	20/02/2025		
Stack Sampling Attached to	DG Set 6 - 1010 KVA	DG Set 6 - 1010 KVA			
Air Pollution Control Device					
Fuel Used	HSD	HSD			

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	25
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	124
6.	Exit Gas Velocity	m/s	rah   aha Dati   i d 212.1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1643.7

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.1	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.6	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	36.8	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

## Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001304F					
Test Report No.	URA/25/02/AIL-J/S-042	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/042	Service Request Date.:	19/02/2025		
Sample ID No.	URA/ID/S-25/02/042	Field Data Sheet No.:	URA/FDS/S-25/02/042		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	19/02/2025	Date of Testing	20/02/2025		
Stack Sampling Attached to	DG Set 7 - 1010 KVA	DG Set 7 - 1010 KVA			
Air Pollution Control Device					
Fuel Used	HSD				

## Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	unah   aha   1 / 13-13-13-13-13-13-13-13-13-13-13-13-13-1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1791.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	76.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	39.1	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001305F							
Test Report No.	URA/25/02/AIL-J/S-043	URA/25/02/AIL-J/S-043 Report Issue Date: 04/03/2025					
Service Request form No.	URA/SRF/02/043	Service Request Date.:	19/02/2025				
Sample ID No.	URA/ID/S-25/02/043	Field Data Sheet No.:	URA/FDS/S-25/02/043				
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT						
Date of Sampling	19/02/2025	Date of Testing	20/02/2025				
Stack Sampling Attached to	DG Set 8 - 1010 KVA						
Air Pollution Control Device	Carbon Cutter						
Fuel Used	HSD						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm³/h	1707.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	29.8	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	38.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001306F						
Test Report No.	URA/25/02/AIL-J/S-044 Report Issue Date: 04/03/2025					
Service Request form No.	URA/SRF/02/044	Service Request Date.:	19/02/2025			
Sample ID No.	URA/ID/S-25/02/044	Field Data Sheet No.:	URA/FDS/S-25/02/044			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025			
Stack Sampling Attached to	DG Set 9 - 1010 KVA					
Air Pollution Control Device						
Fuel Used	HSD	HSD				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	٥C	31
5.	Flue Gas Temperature	°C	132
6.	Exit Gas Velocity	m/s	12.1
7.	Exit Gas Flow	Nm³/h	1610.8

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	77.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001227F							
Test Report No.	URA/25/02/AIL-J/S-022	URA/25/02/AIL-J/S-022 Report Issue Date: 04/03/2025					
Service Request form No.	URA/SRF/02/022	Service Request Date.:	07/02/2025				
Sample ID No.	URA/ID/S-25/02/022	Field Data Sheet No.:	URA/FDS/S-25/02/022				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Date of Sampling	07/02/2025	Date of Testing	08/02/2025				
Stack Sampling Attached to	DG Set 10 - 320 KVA						
Air Pollution Control Device							
Fuel Used	HSD						

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	10
2.	Stack Diameter	mm	168
3.	Stack Area	m²	0.0222
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	125
6.	Exit Gas Velocity	m/s	13.4 Ann 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	798.1

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	70.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.0	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	33.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001228F						
Test Report No.	URA/25/02/AIL-J/S-023	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/023	Service Request Date.:	07/02/2025			
Sample ID No.	URA/ID/S-25/02/023	Field Data Sheet No.:	URA/FDS/S-25/02/023			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	07/02/2025	Date of Testing	08/02/2025			
Stack Sampling Attached to	DG Set 11 - 1500 KVA	DG Set 11 - 1500 KVA				
Air Pollution Control Device						
Fuel Used	HSD					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15	
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	118
6.	Exit Gas Velocity	m/s	12.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1771.4

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	76.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.9	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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### TEST REPORT STACK MONITORING

ULR - TC153452500001229F					
Test Report No.	URA/25/02/AIL-J/S-024	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/024	Service Request Date.:	07/02/2025		
Sample ID No.	URA/ID/S-25/02/024	Field Data Sheet No.:	URA/FDS/S-25/02/024		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	07/02/2025	Date of Testing	08/02/2025		
Stack Sampling Attached to	DG Set 12 - 1500 KVA				
Air Pollution Control Device					
Fuel Used	HSD				

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

## General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m²	0.0507
4.	Ambient Temperature	°C	33
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	anal also Did 12.1
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1656.9

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	77.4	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *K. D. Cobol* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001207F						
Test Report No.	URA/25/02/AIL-J/S-002	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/002	Service Request Date.:	04/02/2025			
Sample ID No.	URA/ID/S-25/02/002	Field Data Sheet No.:	URA/FDS/S-25/02/002			
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,					
	756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT					
Date of Sampling	04/02/2025	04/02/2025 Date of Testing 05/02/2025				
Stack Sampling Attached to	Thermic Fluid Heater (40 Lac KCal/Hr)					
Air Pollution Control Device	Bag Filter					
Fuel Used	Coal					

## > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01				
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15		
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025		

## General Stack Observation

Sr.	Description	Unit	Observation	
1.	Stack Height	m	30	
2.	Stack Diameter	mm	1350	
3.	Stack Area	m <sup>2</sup>	1.4320	
4.	Ambient Temperature	°C	31	
5.	Flue Gas Temperature	°C	149	
6.	Exit Gas Velocity	m/s		
7.	Exit Gas Flow	Nm³/h	37586.6	

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	81.8	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	60.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.2	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001217F						
Test Report No.	URA/25/02/AIL-J/S-013	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/013	Service Request Date.:	05/02/2025			
Sample ID No.	URA/ID/S-25/02/013	Field Data Sheet No.:	URA/FDS/S-25/02/013			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	05/02/2025	Date of Testing	06/02/2025			
Stack Sampling Attached to	Hot Air Generator					
Air Pollution Control Device	Cyclone Seperator, Bag Filter & Water/Dry Scrubber					
Fuel Used	Coal	Coal				

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01				
Inst. Name:	Stack Monitoring Kit, VSS1 Serial Number: 467-DTJ-15				
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025		

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	33
2.	Stack Diameter	mm	1000
3.	Stack Area	m²	0.7857
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	78
6.	Exit Gas Velocity	m/s	12.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	30523.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	27.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	20.1	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.4	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubhil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001307F						
Test Report No.URA/25/02/AIL-J/S-045Report Issue Date:04/03/2025						
Service Request form No.	URA/SRF/02/045	Service Request Date.:	19/02/2025			
Sample ID No.	URA/ID/S-25/02/045	URA/ID/S-25/02/045 Field Data Sheet No.: URA/FDS/S				
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025			
Stack Sampling Attached to	DG Set 14 - 1500 KVA					
Air Pollution Control Device						
Fuel Used	HSD					

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01			
Inst. Name:	Stack Monitoring Kit, VSS1 Serial Number: 467-DTJ-15			
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025	

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	0C	124
6.	Exit Gas Velocity	m/s	12.9
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1752.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	71.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	35.7	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001308F						
Test Report No.	04/03/2025					
Service Request form No.	URA/SRF/02/046	Service Request Date.:	19/02/2025			
Sample ID No.	URA/ID/S-25/02/046	Field Data Sheet No.:	URA/FDS/S-25/02/046			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	19/02/2025	Date of Testing	20/02/2025			
Stack Sampling Attached to	DG Set 15 - 1500 KVA	DG Set 15 - 1500 KVA				
Air Pollution Control Device						
Fuel Used	HSD	HSD				

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01				
Inst. Name:	Stack Monitoring Kit, VSS1         Serial Number:         467-DTJ-15				
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025		

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	11
2.	Stack Diameter	mm	254
3.	Stack Area	m <sup>2</sup>	0.0507
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	12.6
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1684.3

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	73.9	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)
3.	Oxide of Nitrogen	ppm	37.6	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

UERL/AIR/F-04/04

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001209F					
Test Report No.	URA/25/02/AIL-J/S-004	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/004	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/004	Field Data Sheet No.:	URA/FDS/S-25/02/004		
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 7	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	04/02/2025	04/02/2025 Date of Testing 05/02/2025			
Stack Sampling Attached to	CaCO₃ Reactor (CaCl₂ Plant)				
Air Pollution Control Device	Alkali Scrubber				
Fuel Used					

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	23
2.	Stack Diameter	mm	200
3.	Stack Area	m²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anah Laha Di tulu 3.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	372.1

#### > Test Parameter Results

DISCIE	DISCIPLINE – CHEMICAL TESTING			OUP – ATMOSP	HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	3.2	50	IS 11255 (Part 1)
2.	Hydrochloric Acid (HCl)	mg/Nm³	4.8	20	UERL/AIR/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** R. D. Gohl Rajnish Gohil (Chemist)



(Env. Engineer)

UERL/AIR/F-04/04

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001210F					
Test Report No.	URA/25/02/AIL-J/S-005	Report Issue Date:	04/03/2025		
Service Request form No.	URA/SRF/02/005	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/005	Field Data Sheet No.:	URA/FDS/S-25/02/005		
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	04/02/2025	04/02/2025 Date of Testing 05/02/2025			
Stack Sampling Attached to	CaCl <sub>2</sub> Dryer Vent (CaCl <sub>2</sub> Plant)				
Air Pollution Control Device	Wet Scrubber				
Fuel Used					

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	20
2.	Stack Diameter	mm	1900
3.	Stack Area	m <sup>2</sup>	2.8364
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	C	
6.	Exit Gas Velocity	m/s	nah Laha Dut Lid 211.4
7.	Exit Gas Flow	Nm³/h	94759.9

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Particulate Matter	mg/Nm³	94.2	150	IS 11255 (Part 1)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001294F						
Test Report No.	URA/25/02/AIL-J/S-036	Report Issue Date:	04/03/2025			
Service Request form No.	URA/SRF/02/036	Service Request Date.:	08/02/2025			
Sample ID No.	URA/ID/S-25/02/036	Field Data Sheet No.:	URA/FDS/S-25/02/036			
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	08/02/2025	08/02/2025 Date of Testing 10/02/2025				
Stack Sampling Attached to	Chlorination Reactor Vent					
Air Pollution Control Device	Falling Film Absorber followed by Alkali Scrubber					
Fuel Used						

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	30
2.	Stack Diameter	mm	200
3.	Stack Area	m²	0.0314
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anah Laha Di t Lid 3.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	415.5

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Chlorine as Cl₂	mg/Nm³	BDL	9	SA EPA Method
2.	Hydrochloric Acid (HCl)	mg/Nm³	3.9	20	UERL/AIR/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** R. D. Gohl Rajnish Gohil (Chemist)



(Env. Engineer)

UERL/AIR/F-04/04

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001296F				
Test Report No.URA/25/02/AIL-J/S-038Report Issue Date:04/03/2025				
Service Request form No.	URA/SRF/02/038	Service Request Date.:	08/02/2025	
Sample ID No.	URA/ID/S-25/02/038	Field Data Sheet No.:	URA/FDS/S-25/02/038	
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT			
Date of Sampling	08/02/2025	Date of Testing	10/02/2025	
Stack Sampling Attached to	ned to CLB-Cl <sub>2</sub> Scrubber (Storage/Pipeline)			
Air Pollution Control Device	Caustic Scrubber			
Fuel Used				

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	18
2.	Stack Diameter	mm	250
3.	Stack Area	m <sup>2</sup>	0.0491
4.	Ambient Temperature	°C	31
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	4.3 A.3
7.	Exit Gas Flow	Nm <sup>3</sup> /h	735.2

#### Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION				
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method	
1.	Chlorine as Cl₂	mg/Nm³	BDL ((MDL:1.0)	9	SA EPA Method	
Noto: 1) BI	Note: 1) BDL-Below Detection Limit 2) MDL- Minimum Detection Limit					

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:	
Opinion & Interpretation (if required): BDL: Below Detection Limit	

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** K. D. Gohil Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001295F				
Test Report No.URA/25/02/AIL-J/S-037Report Issue Date:04/03/2025				
Service Request form No.	URA/SRF/02/037	Service Request Date.:	08/02/2025	
Sample ID No.	URA/ID/S-25/02/037	Field Data Sheet No.:	URA/FDS/S-25/02/037	
Name & Add. of Customer	PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT		
Date of Sampling	08/02/2025	Date of Testing	10/02/2025	
Stack Sampling Attached to	CLB-HCL Scrubber (Storage)			
Air Pollution Control Device	HCl Absorber followed by Caustic Scrubber			
Fuel Used				

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	750
3.	Stack Area	m <sup>2</sup>	0.4420
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	3.8
7.	Exit Gas Flow	Nm <sup>3</sup> /h	5119.7

#### > Test Parameter Results

Sr Unit of Permissible	ON
No.     Test Parameter     Result     Limit	ethod
1.     Hydrochloric Acid (HCl)     mg/Nm³     BDL     20     UERL/AIR	/SOP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

#### **Remarks:**

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001208F					
Test Report No.	eport No. URA/25/02/AIL-J/S-003 Report Issue Date: 04/03/2025				
Service Request form No.	URA/SRF/02/003	Service Request Date.:	04/02/2025		
Sample ID No.	URA/ID/S-25/02/003	Field Data Sheet No.:	URA/FDS/S-25/02/003		
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIMITED. PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	04/02/2025	Date of Testing	05/02/2025		
Stack Sampling Attached to	HCl Scrubber (Storage)				
Air Pollution Control Device	Caustic Scrubber				
Fuel Used					

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	23
2.	Stack Diameter	mm	100
3.	Stack Area	m <sup>2</sup>	0.0079
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	
6.	Exit Gas Velocity	m/s	unah Laha Dut Lid 34.2
7.	Exit Gas Flow	Nm³/h	103.7

#### > Test Parameter Results

Sr Unit of Permissible	
No.     Test Parameter     Onit of measurement     Result     Test Met	:hod
1.     Hydrochloric Acid (HCl)     mg/Nm³     14.8     20     UERL/AIR/S	OP/07

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

#### **Remarks:**

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001230F					
Test Report No.	URA/25/02/AIL-J/S-025 Report Issue Date: 04/03/2025				
Service Request form No.	URA/SRF/02/025 Service Request Date.: 07/02/2025				
Sample ID No.	URA/ID/S-25/02/025 Field Data Sheet No.: URA/FDS/S-25/02/02				
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	07/02/2025	Date of Testing	08/02/2025		
Stack Sampling Attached to	DAPBI Process (Alkali Scrub	DAPBI Process (Alkali Scrubber)			
Air Pollution Control Device	Water Scrubber followed b	Water Scrubber followed by Alkali Scrubber			
Fuel Used					

#### Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	152
3.	Stack Area	m²	0.0182
4.	Ambient Temperature	°C	34
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah Laha Dut Lid 34.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	265.1

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	mg/Nm³	3.9	20	UERL/AIR/SOP/07
2.	Chlorine as Cl₂	mg/Nm³	BDL	9	SA EPA Method

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit Remarks:

Remarks: Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: *R. D. Cubh* Rajnish Gohil (Chemist)



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#### TEST REPORT STACK MONITORING

ULR - TC153452500001231F					
Test Report No.	URA/25/02/AIL-J/S-026 Report Issue Date: 04/03/2025				
Service Request form No.	URA/SRF/02/026 Service Request Date.: 07/02/2025				
Sample ID No.	URA/ID/S-25/02/026 Field Data Sheet No.: URA/FDS/S-25/02/026				
Name & Add. of Customer	<b>M/s. AARTI INDUSTRIES LIMITED.</b> PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT				
Date of Sampling	07/02/2025 Date of Testing 08/02/2025				
Stack Sampling Attached to	DAPBI Process (Acidic Scrubber)				
Air Pollution Control Device	Acidic Scrubber	Acidic Scrubber			
Fuel Used					

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	152
3.	Stack Area	m²	0.0182
4.	Ambient Temperature	٥C	34
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah   aha Dati   1 d 3.9
7.	Exit Gas Flow	Nm³/h	246.1

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION	
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Ammonia as NH₃	mg/Nm³	6.4	175	IS: 11255 (Part-6)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001232F			
Test Report No.	URA/25/02/AIL-J/S-027	Report Issue Date:	04/03/2025
Service Request form No.	URA/SRF/02/027	Service Request Date.:	07/02/2025
Sample ID No.	URA/ID/S-25/02/027	Field Data Sheet No.:	URA/FDS/S-25/02/027
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIW PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75 GIDC ESTATE, JHAGADIA, DIS	A&B, 756/4 A&B, 66/8+9, 778 & 779,	
Date of Sampling	07/02/2025	Date of Testing	08/02/2025
Stack Sampling Attached to	ETP Scrubber		
Air Pollution Control Device	Acidic Scrubber		
Fuel Used			

#### > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	15
2.	Stack Diameter	mm	500
3.	Stack Area	m <sup>2</sup>	0.1964
4.	Ambient Temperature	°C	35
5.	Flue Gas Temperature	°C	35
6.	Exit Gas Velocity	m/s	anah Laha Dat Lid 34.0
7.	Exit Gas Flow	Nm <sup>3</sup> /h	2724.0

#### > Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		HERIC POLLUTION
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.	Ammonia as NH₃	mg/Nm³	7.2	175	IS: 11255 (Part-6)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

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#### TEST REPORT STACK MONITORING

ULR - TC153452500001233F			
Test Report No.	URA/25/02/AIL-J/S-028	Report Issue Date:	04/03/2025
Service Request form No.	URA/SRF/02/028	Service Request Date.:	07/02/2025
Sample ID No.	URA/ID/S-25/02/028	Field Data Sheet No.:	URA/FDS/S-25/02/028
Name & Add. of Customer	M/s. AARTI INDUSTRIES LIN PLOT NO. 756/2 A&B, 756/3 756/5 A&B, 756/6, 756/7, 75 GIDC ESTATE, JHAGADIA, DIS	A&B, 756/4 A&B, 56/8+9, 778 & 779,	
Date of Sampling	07/02/2025	Date of Testing	08/02/2025
Stack Sampling Attached to	Scrubber connected to Nitra	ation Reactors	
Air Pollution Control Device			
Fuel Used			

#### Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Inst. Name:	Stack Monitoring Kit, VSS1	Serial Number:	467-DTJ-15
Cali. Date:	19/06/2024	Next Cali. Due On:	18/06/2025

#### General Stack Observation

Sr.	Description	Unit	Observation
1.	Stack Height	m	29
2.	Stack Diameter	mm	76
3.	Stack Area	m²	0.0046
4.	Ambient Temperature	°C	32
5.	Flue Gas Temperature	°C	33
6.	Exit Gas Velocity	m/s	anal ala Dat I ta 3.7
7.	Exit Gas Flow	Nm <sup>3</sup> /h	59.4

#### > Test Parameter Results

Sr. Test Parameter Unit of Result Permissible Test Method	DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
No. measurement Limit	Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method
1.         Oxide of Nitrogen         ppm         8.8         50         IS 11255 (Part 7)	1.	Oxide of Nitrogen	ppm	8.8	50	IS 11255 (Part 7)

Note: 1) BDL-Below Detection Limit, 2) MDL- Minimum Detection Limit

**Remarks:** 

Remarks:
Opinion & Interpretation (if required): BDL: Below Detection Limit

#### \*\*\*\*\*\* End of Report \*\*\*\*\*\*

Checked By: K. D. Cubhi Rajnish Gohil (Chemist)

**Authorized By:** 

Pooja Gandhi (Env. Engineer)

Page No.: 1

**Note:** This report is subject to Terms and Conditions mentioned overleaf.



010

Date: 23<sup>rd</sup> April 2025 AIL/JH/2025/ENV/039

XGN ID: 35534

**To,** The Environmental Engineer-Ankleshwar Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10A, Gandhinagar - 382010

Sub.: Annual compliance report of Fly Ash as per rule 3(7) of Fly Ash Notification for the period April 24 to March 25 of Aarti Industries Ltd, located Plot no.756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC Estate Jhagadia, Bharuch- 393110, Gujarat

Respected Sir,

With reference to the above mentioned subject, we are submitting Annual compliance report for the period of April 24 to March 25. Compliance of the same is as follows:

- Coal or lignite based thermal power stations shall achieve the target of fly ash utilization as per schedule given in notification i.e. 100% utilization of fly ash.
   Compliance: We are sending 100% of fly ash from our co-generation power plant to end users i.e. the Manufacturer of Bricks. We have signed MoU with end users which is attached herewith as Annexure 1
- TPP/CPP/Co-generation plant shall maintain a record of all sales and/or disposal of the fly ash.
   Compliance: We are maintaining the record of sales of Fly Ash. A copy of the same has been attached for your ready reference. Data of the opening stock, fly ash generation, its sales and closing stock is attached as Annexure 2.
- As per rule 2(4) of Fly Ash Notification coal or lignite based TPP/CPP/Co-generation plant shall constitute a dispute settlement committee.
   Compliance: We have constituted a dispute settlement committee including Factory Manager & owner of the Bricks Manufacturer through Memorandum of Understanding (MoU)), which can be referred as Annexure 1

We hope you will find the above in the order. Thanking you, For, Aarti Industries Limited.



Authorized Signatory Magadia CC: The Regional Officer, Gujarat Pollution Control Board, GIDC, Ankleshwar.

## www.aarti-industries.com | CIN : L24110GJ1984PLC007301

 Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366.

 Factory : Plot No. 756/2A & B, 756/3A & B, 756/4A & B, 756/5A & B, 756/6, 756/7, 779 + 778 + 756/8 & 9, Survey No. 122, GIDC Estate, Jhagadia, Taluka. Jhagadia, Dist. Bharuch, Gujarat - 393110. INDIA.

 Phone No. : 9537011611, 9537011711, 9537011811

 Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

# INDIA NON JUDICIAL Government of Gujarat

# Certificate of Stamp Duty

# NOTARY

# Certificate No.

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Account Reference

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**Description of Document** 

Description

Consideration Price (Rs.)

First Party

Second Party

Stamp Duty Paid By

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	MS AARTI INDUSTRIES LIMITED
	MS MANTRA BRICKS AND CEMENT ARTICLES
	MS AARTI INDUSTRIES LIMITED
	300

(Three Hundred only)



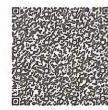
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Annexuse: 1

Regd. No. 1854121

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 The authenticity of this Stamp certificate should be ventied at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Helding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalud
 The onus of checking the legitimaty is on the users of the certificate
 In case of any discrepancy please inform the Competent Authority







#### MEMORANDUM OF UND TANDING BETWEEN

Particulars	BETWEEN	
Name	Generator M/s. Annual	·•• •
	The challes and the	Utilizer
Address	Plot No Berlingham	M/s. Mantra Bricks & Cement Articles
CCA No.	756/8+9, 778, 779, GIDC Estate, Jhagadia, Dist-Bharuch, Gujarat	Post Mandva, Taluka Ankleshwar, Dist. Bharuch, Gujarat.
Issued by	Issued on 05.07.2022 & Valid upto 30.04.2029 Gujarat Pollution Control Board,	
Name of	Gujarat	
material/waste MOU Quantity	Fly ,	Ash
Valid upto	2000 M	T/Veen
	30.04.	2029

The particulars of this MOU including terms and conditions between the Generator & the Utilizer are

- Fly Ash Utilizer shall execute MOU with Fly Ash generator with below terms & conditions.
- 2. As a part of this MOU, the Fly Ash Utilizer has agreed to accept the Fly Ash generated from the 3. Fly Ash shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled
- 4. The Utilizer shall be responsible for transportation and ensure API development of GPS of all the
  - vehicles with Aarti Logistics Control Room (ALCR) before engaging in the services. Both the parties, the Generator and the Utilizer, shall keep record of inventory of Fly ash generation,
- disposal & stock (as applicable) and shall make inventory available for inspection. 6. The Transporter shall be responsible in case of any illegal disposal of fly ash during the transportation and shall safely transport the fly ash from the premises of the Generator till the premises of the Utilizer.
- 7. The Transporter shall ensure to cover the vehicle adequately with tarpaulin. The transporter shall follow and comply with requirements of guidelines/checklists formulated by the
- Generator. The Transporter shall comply with Motor Vehicle Act and Rules framed thereunder for carrying
- Hazardous Chemicals/waste. 10. The Transporter shall ensure that the trucks shall be dedicated for transportation of Fly ash and shall not

	A CONTRACTOR OF	a second and a second secon		T and the second second second	
Month	Fly Ash Opening Balance (MT)	Fly Ash Generation (MT)	Sold to Bricks manufacturer (MT)	Closing Balance (MT) 17.851	
April-2024	13.598	106.473	102.220		
May-2024	17.851	123.013	121.720	19.144	
June-2024	19.144	108.299	109.000	18.443	
July-2024	18.443	81.213	85.850	13.806	
August-2024	13.806	110.888	124.110	0.584	
September-2024	0.584	95.699	78.570	17.713	
October-2024	17.713	94.817	98.310	14.220	
November-2024	14.220	104.868	107.540	11.548	
December-2024	11.548	127.074	132.920	5.702	
January-2025	5.702	126.261	129.180	2.784	
February-2025	2.784	128.502	124.580	6.705	
March-2025	6.705	124.991	129.180	2.516	
	Year's Cumulativ	e (1st April' 24	to 31st March' 25		
2024-25	Opening stock as on 01.04.2024 : <b>13.598</b>	1332.098	1343.18	Closing stock as or 31.03.2025 : <b>2.516</b>	

#### ANNEXURE - 2



BEIL INFRASTRUCTURE LIMITED (Formely Known As Bharuch Enviro Infrastructure Limited)

06<sup>TH</sup> OCTOBER, 2022

To, **AARTI INDUSTRIES LTD. UNIT-2 (756)** PLOT NO:756/2 A & B, 756/3 A & B, 756/4 A & B, 756/5 A & B, 756/6 &779, GIDC ESTATE JHAGADIA, DIST-BHARUCH.

#### Sub: Membership Certificate for Incinerable Waste Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of **BEIL INFRASTRUCTURE LIMITED** (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Ankleshwar & Dahej. You have booked quantity of **900 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/JHG/035**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully, For, BEIL INFRASTRUCTURE LIMITED

AUTHORISED"SIG

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat) Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in Website: www.beil.co.in



Certificate No.:101402

#### To Whomsoever it may concern

#### This is to certify that AARTI INDUSTRIES LTD.

PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6 & 779, GIDC ESTATE JHAGADIA, BHARUCH

is a valid member of

#### SAFE ENVIRO PRIVATE LIMITED

**SEPL - Magnad** 

for

Integrated Common Hazardous Waste Management Facility

This membership is valid for a period of

05 Years

Date of Issue:27-10-2021Date of Expiration : 27-10-2026Place of Issue: Surat

For, Safe Enviro Private Limited IDAL Director

SUBJECT TO SURAT JURI SDI CTI ON

#### Safe Enviro Private Limited

Survey No. 868, Village - Magnad, Tal. - Jambusar, Dist. - Bharuch - 392150 (Guj.) INDIA Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat-395 002 (Guj.) INDIA Ph. : +91 261 2351248, 2346181 | E-mail : info.safeenviro@veolia.com | CIN : U51101GJ2015PTC083237



#### REF:SEPL/ACCEPTANCE/101402/2023/11

Date:10.03.2023

## **TO WHOMSOEVER CONCERNED**

#### **CERTIFICATE**

This is to inform **M/s. AARTI INDUSTRIES LTD. (UNIT-2)** is situated at **PLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B, 756/5 A&B, 756/6, 756/7, 756/8+9 & 779, GIDC ESTATE JHAGADIA, DIST : BHARUCH.** is an active member of Integrated Common Hazardous Waste Management Facility (TSDF) operated by **M/s. Safe Enviro Pvt. Ltd. (SEPL)** Vide Membership No.101402. Details of Waste type along With Quantity Proposed by the member unit are mentioned below:

<u>Sr. No.</u>	Type of Waste	Quantity
		(MT / Annum)
1	ETP Sludge (35.3)	20,000

**M/s. Safe Enviro Pvt. Ltd.** shows its readiness to accept the above waste proposed by **M/s. AARTI INDUSTRIES LTD. ( UNIT-2 )** after conducting Comprehensive analysis of their waste to confirm disposal pathway for its safe disposal at our site.

For, Safe Enviro Pvt. Ltd.

(Authorised Signatory)

#### Safe Enviro Private Limited

Site : Survey No. 868, Village - Magnad, Tal. - Jambusar, Dist. - Bharuch - 392150 (Guj.) INDIA Registered office: 3rd Floor, H.No.-2/801, 802, Hira Modi Sheri, Bhandariwad, Sagrampura, Surat- 395002, Gujarat Ph. : +91 261 2351248, 2346181 | E-mail : info.safeenviro@veolia.com | CIN : U51101GJ2015PTC083237



Ref. BEIL/ANK/2024

13<sup>TH</sup> MAY, 2024

#### To, **AARTI INDUSTRIES LTD. UNIT-2 (756)** PLOT NO:756/2 A & B, 756/3 A & B, 756/4 A & B, 756/5 A & B, 756/6 & 779, GIDC ESTATE JHAGADIA, DIST-BHARUCH

#### Sub: <u>Membership Certificate for Common Solid Waste Disposal</u> <u>Facility</u>.

Dear Sir,

We hereby certify that you have become member for **5 years up to 12/05/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.)., at GIDC, Ankleshwar. You have booked solid waste quantity of **18942 MT/Years**. Your Membership No. is **JHG/032**.

Waste will be accepted after submitting valid authorization of GPCB.

1) Total TSDF Capacity of BEIL Ankleshwar: 5098000 MT

2) Total Consented Capacity: 5098000 MT

3) Total Occupied Capacity: 4279414.256 MT

4) Spare Capacity: 0818585.744 MT

Thanking you,

Yours faithfully, For BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.)

Mr./Mano (Vice President **Operations**)



**M/s. Aarti Industries Limited, Unit-2** Plot No. 756/ 2 A/ B, 3 A/ B, 4 A/ B, 5A/ B, 6/ 7/ 8/ 9, 778 & 779, GIDC Estates, Jhagadia, District – Bharuch, Gujarat – 393110

# ON-SITE EMERGENCY PLAN OF M/s. AARTI INDUSTRIES LIMITED Unit-2 JHAGADIA AUGUST 2024





719 & 720, 722 - Western Business Park, Opp. S. D. Jain School, Vesu – Surat. - 395007. PH. NO.+91-89800 11563.

Global Knowledge -Digested Indigenously

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#### Preface

Our First Emergency Plan was prepared many years ago and then it has been updated as & when required; based on learning from various Mock drills and on account of expansion in the facility. Mock drills will be conducted to test the plan and to improve our emergency preparedness. The results of these mock drills, identification and assessment of all maximum credible scenarios, study of various Rules, Regulations and standards will be taken as basis for modifying the ON-SITE Emergency Plan along with classification of Emergencies & requirement so simple mention of ISO9001:2015, ISO14001:2015 and ISO45001:2018. The goals and objectives of all these efforts are to improve quality of work and working life through dedicated concentrated efforts consistent with the requirement of safety, health and environment at work place.

As emergencies arise suddenly; the necessity to remain always alert & ready with supporting facilities to face them effectively; is of paramount importance. This document cannot be said to be the complete as its only sets broad guidelines for emergency preparedness. Well planned and well- rehearsed Emergency Plan will help organizations to mitigate / control emergency situation in minimum time and also to restart operation with minimum losses.

All the key personnel are requested to study the document and become familiar with the contents and disseminate information to those working with them.

Mr. Ajaykumar Gupta

Occupier

## AGREEMENT FOR MUTUAL AID

This agreement is made at Jhagadia industrial estate, Jhagadia, Dist.: Bharuch on 1<sup>st</sup> September 2018 between the following companies.

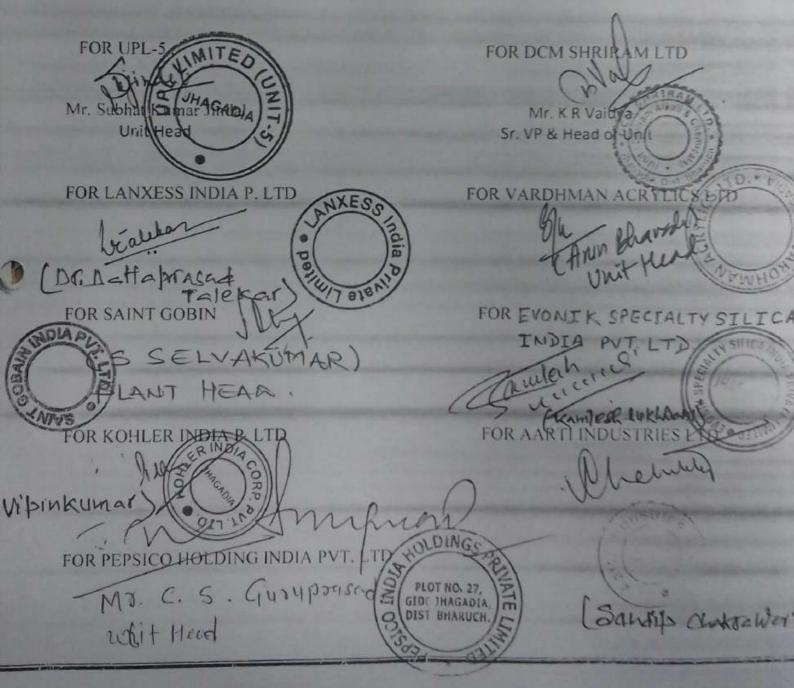
Sr No	Name of the company	Address for communication
1	UPL Ltd.(Unit 5)	UPL Ltd Plot no 746 / 750 ,GIDC , Jhagadia Dist. :Bharuch ,State: Gujarat
2	DCM SHRIRAM Ltd. (Unit: Shriram Alkali & Chemicals)	DCM SHRIRAM LTD. (unit: Shriram Alkalı & Chemicals) Plot no: 749, GIDC Industrial Estate, Jhagadia, Dist Bharuch State: Gujarat
3	LANXESS 'INDI'A HAT.LTD.	PLOT NO. 74812A3, 4A, 413 GIDC MEGA ESTATE IHAGADIA-393110 Dist BHMM
4	Vardhaman Azrylius Ud;	755, GIDC, Thagadia Bharnch - 393110 asunsharadi Quandhuron w
5	SAINT GOBAIN INDIA DUT C	GIAC JHAGAAIA BHARUCH-293110
7	EVONIK SPECIALTY SILICA INDIA ENT. LTD	PLOTNO-754, GIDC JHAGAPSI DIST - BHARUCH STATE- GUJARAT
8	KOHLER INDIA PVT. LTD.	THAGADIA - 393110, LIST
9	Pepsi Co India Holding Prt L-1d., Jhagadia.	Plot NO. 97, GRDC Thagadia, Dist. Bharnel State - Gujard PLOT NUE. 758-1/23875224
10	AARTI INDUOTRIES LTD	3A-B AH-B SA-B 67277 GIVE Megg EETARE IHAGADIA - 29310, Dist BHA

# **MUTUAL AID AGREEMENTS**

AS PER GUIDELINES OF FACTORIES ACT AND DIRECTOR OF INDUSTRIAL SAFETY AND HEALTH, WE SIGNATORIES OF THIS LETTER AGREE TO EXTEND MUTUAL HELP TO EACH OTHER AMONG THE GROUP AT THE TIME OF EMERGENCY ARISING DUE TO FIRE, GAS LEAK, EXPLOSION AND NATURAL CALAMITIES.

WE AGREE TO PROVIDE EQUIPMENT AND MANPOWER FOR CONTROLLING FIRE AND GAS LEAK AND ALSO TO SPARE RESOURCES FOR FIRST AID, RESCUE TRANSPORT, EVACUATION, COMMUNICATION AND SHELTER. THE COST OF CONSUMABLE WILL BE PAID BY AID DEMANDING INDUSTRY AS PER ACTUAL.

WE ALSO AGREE TO REVIEW AND UPDATE INFORMATION RELATED TO EMERGENCY PREPAREDNESS IN ANNEXURE -A ON A QUATERLY BASIS.







#### POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

#### UIN NUMBER - IRDAN190P0076100001

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

		Po	licy Details				
Policy Number	: 1204003624330000004		Business Source Code				
Period of Insurance	:	From: 09/01/2025 12:00:01 AM To: 08/01/2026 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User		Prudent Insurance Brokers Pvt. Ltd (2D10077353) Prudent Ins Brokers_120400 - (SI00034592),		
Date of Proposal	:	09-Jan-25	Agent/Bancassurance/S pecified Person	:			
Prev. Policy no.	:		Phone No	:	NA / NA		
Client Type	:	Corporate	E-mail/Fax	:	11		

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

#### Details of risk covered under current year policy:

								Deductible S	
Retroactive Date	Paid Up Capital		AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	No of workmen	No of Other Employee
09/01/202 2	<= 15 Crore	22	5000000	1:3	15000000 0	59550000 000	57410000 000	4000	2400

#### **Retroactive Dates**

									Deductibl es	
Retroactiv e Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	No of workmen	No of Other Employee
RETROA CTIVE DATE 1	09/01/20 22	<=15Cro re	22	5000000 0	1.3	1500000 00	5955000 0000	5741000 0000	4000	2400

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

#### Extensions under the Policy

L	Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension



Policy No. : 1204003624330000004Document generated by 40305 at 09/01/2025 15:18:25 Hours.

Regd. & Head Office: New India Assurance Bldg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL FREE No. 1 800 209 1415.

# THE NEW INDIA ASSURANCE CO. LTD. (Government of India Undertaking)



Special Conditions	Claims mad	de basis			
	Territory &	Jurisdiction : India		;	
	NA			~	
Special Exclusions	NA				
Special Excess/Deductible	0				
Retroactive Dates		Date		9 <u>.</u>	0
Retroactive da	ate		09/01/2022		34

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

Clauses		Descrip	tion	£	A THE PRODUCT OF ALCOHOM SOL 13	
Premium and GST Details						
		Rate of Tax	Amou	nt in INR		
Premium			₹	18,000		
SGST		9	810			
CGST		9	810			
IGST		0	0			

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

For and on behalf of The New India Assurance Company Limited

Date of Issue: 09/01/2025

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank\_\_\_\_\_\_Dt.\_\_\_\_\_consolidated Stamp Fees Paid by Pay Order Number\_\_\_\_\_\_vide receipt number\_\_\_\_\_\_dt.\_\_\_\_\_.

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

Tax Invoice No : 12040024P0001589

IRDA Registration Number: 190 NIA PAN NUMBER: AAACN4165C



#### दि न्यू इन्डिया एश्योरन्स कंपनी लिमिटेड (भारत सरकार का उपक्रम) THE NEW INDIA ASSURANCE COMPANY LTD. (Govt. of India Undertaking) मं. का. 120400, न्यु इन्डिया सेंटर, 4थी मंजिल, 17-ए, कुपरेज रोड, मुंबई - 400 001.



Phone: 22815075, 22892800 D.O. 120400, New India Centre, 4th Floor, 17-A, Cooperage Road, Mumbai - 400 001. E-mail : nia.120400@newindia.co.in

#### **Public Liability Act policy**

DATE: 09/01/2025

Issued at MUMBAI Policy No: 1204003624330000004 Name of the Insured : AARTI INDUSTRIES LTD Period of Insurance : From: 09/01/2025 00:00:01 AM To: 08/01/2026 11:59:59 PM

#### **Risk Locations :**

Sr No	Division	Bus Area Code	Plant Name	Address
1	Chemical	AN01	Amine	Plot No 285,286/1 A-1-322/23, 322/12, 322/24 II Phase,GIDC,Vapi- 396195
2	Chemical	AP01	Apple	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
3	Chemical	DH1N	Dahej Diamond	PLOT NO Z/103/C SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
4	Chemical	DHJ1	Dahej Neo	PLOT NO Z/103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
5	Chemical	DHJ2	Dahej Saffron	PLOT NO - Z/111/B, Z/111/C & D, GIDC Notified Industrial Estate, DAHEJ, SEZ-II, TAL VAGRA, DIST. BHARUCH 392130
6	Chemical	FA01	Fertilizer	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
7	Chemical	JA04	Jhagdia 3M/Ash Land	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110 Plot No 41/1, 41/2, 41/3/1, 41/3/2 & 41/3/3 ,GIDC
8	Chemical	Jhagadia	Jhagadia	Jhagadia - 393110, Dist - Bharuch, Gujarat (India)
9	Chemical	JHA1(Pearl)	Jhagadia	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348,
10	Chemical	JHA2 (Ruby)	Jhagadia	356, 357, 358, 359, 360 & 364 Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 & Survey No. 122 GIDC Jhagadia, Dadheda, Bharuch
11	Chemical	JHA3 (Jade)	Jhagadia	393110
12	Chemical	JHA4 (Gold)	Jhagadia	Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat
13	Chemical	R&D Jhagadia	R&D Jhagadia	Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujara PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B , GIDC
14	Chemical	JHA6(Onyx)	Jhagadia	NOTIFIED INDUSTRIAL ESTATE, JHAGADIA
15	Chemical	KU01	Anushakti	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8- KUTCH BHACHAU, GUJARAT 370140 PLOT NO. 24, PHASE-I, G.I.D.C., DIST, VALSAD 120400 MMBAT
16	Chemical	NS01	Nascent	PLOT NO. 24, PHASE-I, G.I.D.C., DIST VALSAD MUMBAN 396195

PAGE 1

पंजीकृत एवं प्रधान कार्यालय : न्यू इन्डिया एश्योरन्स बिल्डींग, 87, महात्मा गांधी मार्ग, फोर्ट, मुंबई - 400 001. Regd. & Head Office : New India Assurance Bldg., 87, Mahatma Gandhi Road, Fort, Mumbai - 400 001. TOLL FREE NO. 1800 209 1415 . CIN NO. L66000MH1919GOI000526 . IRDA REG. NO. 190, GST NO. 27AAACN4165C3ZP

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

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

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

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

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

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

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

S No	Stock At Doc List				
1	Jawaharlal Nehru Port Trust Sheva, Navi Mumbai-400702				
2 15-23, National highway 4B, Panvel-JNPT highway, Village Padeghar, Panvel, Mal 410206					
3	Balmer Lawrie & Co. Ltd., Container Freight Station (CFS), Sector: 7, Plot No: 1, P.B. No: 8, Dronagiri Node Navi Mumbai - 400707				
4	MUMBAI AIRPORT ANDHERI:- AIR CARGO COMPLEX SAHARA ANDHERI				
5	HAZIRA PORT Hazira LNG and Port Hazira, Dist: Surat Gujarat - India				
6	PORT OF PIPAVAV, POST BAG 45, POST UCCHAIYAVIA RAJULA, AMRELI, Gujarat, India, 36556				

Location 1: MUNDRA PORT Post Box No. 1 Mundra (Kutch), Gujarat 370421 Location 2: Deendayal Port, Kandla, Gujarat, Kutch, Pincode: 370210

#### For & On Behalf of The New India Assurance Co. Ltd



**Duly Constituted Attorney(S)** 

#### Annexure-30

#### Form No. 32 & 33

			FORM	I No. : 32										
1. Sr. No. in the Register of adult Workers : 5700478	4	(Prescribe			ફોર્મ	σİ.	32							2270
1. Sr. No. In the Register of adult Workers : 5700478 9. Xiz erebicent 29. Step 6. : 2. Name of Worker : modani Schüdbhni Schabl 2. erebicet - 194 : 3. Servind : MALE 4. Date of Birth/ 9eet clebra : Department / Works Republ / evel Autor processes 	ir husein H	EALT	HRE	GISTER	(નિરામ દ	(2) 21	1	રાખેલ)					(1975	
ર. કારીગરનું નામ : 4. Date of Birth/ જન્મ તારીખ :	Raw materials	Date of	Date of leaving	Reasons for discharge leave		115	1 525	55		50-A1				
3. Sex/mid: (n//CC Department/ Name of process operation Jo occ	products of by products of by product likely to upa- be exposed to	คงยู่ร	transfer-to or transfer	or transfer નોકરી છોડવા	Medic	al exal de	mination and t કિચ તપાસ અને	the results the	re of Y	Ite	leclared unfit fo માટે અચોગ્ય કર		- K	ignature of with date
Department /         Instantous processes         process operation         occ           Works         ญ่พมามิ รเช่อรู่ ศเห         ญ่พมามิ รเช่อรู่ ศเห         ญ่พมามิ รเช่อรู่ พมามิ รเช่อรู้ พมามิ รเ	D Senil yEld	તારીખ	કામ છોડવા અથવાબદલી	અથવા બહળ	Date	Y Sign	s and symp. Y	Nature of tests & results	Result	Period of temp-	Reason for	Date of V	Date of	I the Factory Medical Officer the Certifying Surgeon
ସ୍ୱିନାମ / ଶର୍ଯ୍ୟ ବାଦ୍ୟ ବାଦ୍ୟ କାର୍ଯ୍ୟ କାର	ાનો અરાવા આડ પેદાશન નર કામ કર્યુ હો તે	1 L	તારીખ	માટેનું કારણ	તારીખ	during	g examination इ.मियाल जाशवाम	there of	Fit/unfit aləa /	orary withdrawal from that work	such withdrawal મોક્ફકર્ટ્યાનું	declaring him unfit for certificate	Issuing fitness certificate ส)วย มหายานห	મંડ્રીકલ ઓફીસર
	5	6	7	8			માવલા લક્ષણો	યાસના પ્રકાર અને પરિણામ	અયોગ્ય	મોકૂફ કર્યાની મુદત	81561	મો <del>કૂફ ક</del> ર્યાની તારીખ	યાગ્ય પ્રમાણપત્ર આપ્યાની તારીખ	
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#### FORM NO. 33 (Prescribed under Rule 68-T and 102)

#### Certificate of Fitness of employment in hazardous process and operations.

#### (TO BE ISSUED BY FACTORY MEDICAL OFFICER)

1.	Serial number in the register	
	of adult workers	:57004784
2.	Name of the person examined	: MODAN SAJIDBHAI
3.	Father's Name	: MODAN SHABBIRHUSEIN
4.	Sex	: MALE
5.	Residence	B-13, SAHKAR PARK SOCTETT KAPODRA, ANKLESHKIAR
6.	Date of birth, if available	: 20/05/1993
7.	Name & address of the factory	: AARTI I NOUSTRIES LTD, JUNGADIA.
8.	The worker is employed/proposed	
	(a) Hazardous process	
	(b) Dangerous operation	

In my opinion he/she is fit for employment in the Said manufacturing process/operation.

The serial number of previous certificate is .....

Signature or left hand thumb impression of the person examined : DR. BHAVESH B. PATEL Signature of the Factory Medical Officer No. MP-9337 Factory Medical Officer Stamp of factory Medical Officersviblited, Jhagadia. Name of the Factory :

I certify that I	I extend this certificate unfit (if	Signs and	Signature of the
examined the person	certificate is not extended, the period	symptoms	Factory medical
mentioned above on	for which the worker is considered unfit	observed During	Officer with
(date of Examination)	for work is to be mentioned)	examination	date.
		M.B.B.S. P	VESH B. PATEL CIH Reg. No. MP-9337 ry Medical Officer tries Limited, Jhagadia

Notes :

1. If declared unfit, reference should be made immediately to the Certifying Surgeon.

X BULLET BULLET BULLET

2. Certifying Surgeon should communicate his findings to the occupier with 30 days of the receipt of this reference.]



Annexure-31



AIL/Lic No.15402/2024-25/028

Date: 08.08.2024

To, The Deputy Director, Industrial Safety & Health, 2<sup>nd</sup> Floor, Multi Storied Building, Near New Court, Kanbi Vaga, Bharuch.

# Subject : Submission of External Safety Audit Report as per IS 14489:2018]

Respected sir,

With reference to the above subject, we aarti Industries Limited (AIL) operates a fully integrated manufacturing set-up of synthetic organic & specialty chemicals at Plot No.756/2A&B, 756/3A&B, 756/4A&B, 756/5A&B, 756/6, 756/7, 756/8, 756/9, 778 & 779, GIDC PB NO- 23, Jhagadia, Dist- Bharuch, Gujarat, 393110

We are submitting the External Safety Audit Report as per IS 14489:2018.As per the Safety Audit is a legal requirement Under Rule 12–C, 68–O and 68-J of The Gujarat Factories Rules, 1963 and Rule 10 of The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.

Kindly acknowledge & oblige.

Thanking You,

For AARTI INDUSTRIES LIMITED

Authorized Signatory Dharmendra Kumar (Factory Manager) Plot No.756/2A&B, 756/3A&B, 756/4A&B, 756/5A&B, 756/6, 756/7, 756/8, 756/9, 778 & 779, GIDC PB N0- 23, Jhagadia, Dist- Bharuch, Gujarat, 393110

Enclosure: Annexure1: External Safety Audit Report (as per IS 14489:2018) Annexure 2: Compliance Report

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

 Regd. Office : Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi-396195, Dist- Valsad. INDIA. T : 0260-2400366.

 Factory : Plot No. - 756/4-5-6-7 & 779, GIDC Jhagadia - 393 110, Dist - Bharuch, Gujarat (India).

 Phone No. : 9537011611, 9537011711, 9537011811

 Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

 T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com



A).ગાંધીનગર.ગુપરાત ની વેબર



સંપૂર્ણ સ્થાનિક રમખબાર 351-QH G અંકલેશ્વર રાજપીપળા | જંબુસર | પાલેજ | દેડિયાપાડા | નેત્રંગ | આમોદ | કેવડિયા | દહેજ | હાંસોટ | વાગરા | ઝઘડિયા ભરૂચ, મંગળવાર, 7 જૂન, 2022 ે <del>કે સુદ - 7 વિક્રમ</del> સંવત 2078 divyabhaskar.com





#### TIMES NATION

# **Centre tells HC it owns Mumbai** land picked for Metro car shed

100-Acre Of Land In Kanjurmarg Is Being Claimed By Both Centre & Maha

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puted land beforged to a and the private firms did not have one right net it, adding the la-der was. Transfulently ob-tamently the private firm. The form deliberniely did not make the Misharsofting guvernment: a parity to the said, meaning shell in tranggli-

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## Karti's anticipatory bail plea adjourned

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A Barnita. CBI sadge M is Nageni al the Bolise Avenue Court on Friday taid (formissed all three applications moved) Eart: Childsenforman, Bhasksrariuman and Vik Backborgerimmun and Vikos Makharin. The Court had diamtsuid the bail plots in view of the past Involve-ment of Barti Chidamta rum and S. Bhaskaruramun, in INX. Media and Altred Mania cases as

EAM wraps up

visit to Slovakia,

SC to hear plea for stray round of NEET counselling

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Agency also," the beach add. The matter will ten be frontion direct. The petition likely a the direct likely as the direct likel

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## Ahead of RS polls, BJP sends its Rajasthan MLAs to resort

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ED conducts raids against



#### Malik seeks bail to cast vote in RS polls

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The BJP has 71 MLAs in state Associate meaning

the support of the MLAs, in-shalling thi from the party it-sulf. The party needs the MLAs hawing three study, or Lalu Yadav

#### asks court to release his passport

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MAL Aarti Industries Limited (Unit II) Piot no. 758/2A & 28, 756/3A & 38, 756/AA & 48, 756/3A & 58, 756/A, 756/7, 759/14, 778 & 773, 600C Active Industrial Estata, Angelfa-3703110, Dat: Bharach, Gujent, Environmental Glaaranco

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#### Pro-Khalistan slogans raised at Golden Temple

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was never published or came into the public domain, and thus no one knows how it was drafted and what was its content. He said that we are doing caste-based surveys in a better way

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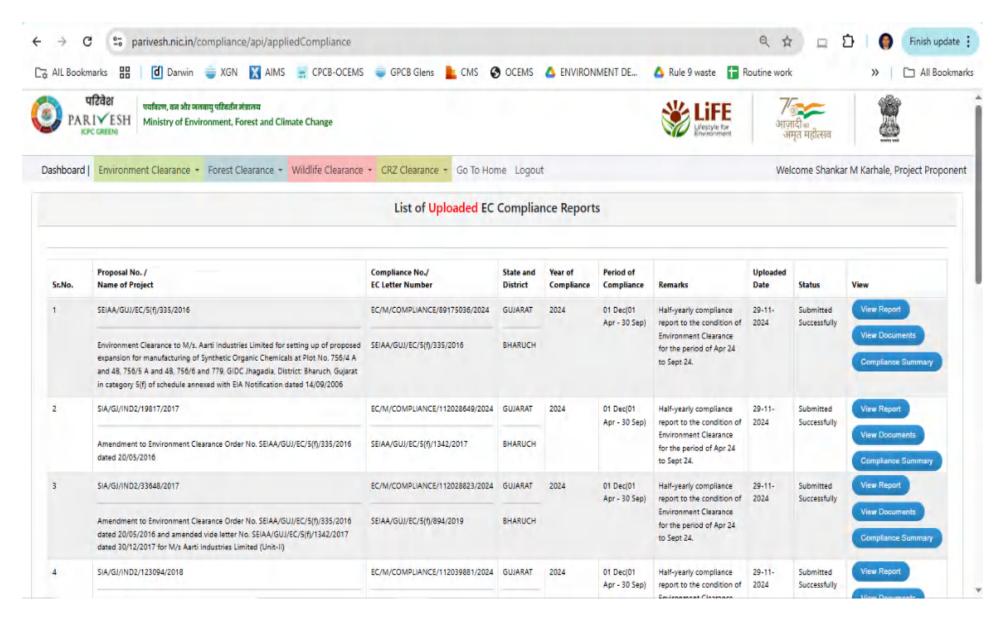


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#### Annexure-33



**CL-1 CONFIDENTIAL** 



Annexure-34

Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in

QCI-NABET A	Accredited EIA
Consultant	Organization

GPCB Recognized Environmental Auditor (Schedule-11) ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

URC/25/02/L-0302 15/02/2025  NCT Discharge Colorless 08/02/2025 14/02/2025  Results
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QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11) ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

				TEST REPOR	т				
ULR No						Report	No.	URC/25/02/L-0302	
Name & AddressM/s. AARTI INDUSTRIES LIMITEDof CustomerPLOT NO. 756/2 A&B, 756/3 A&B, 756/4 A&B,						Date C	of Report	15/02/2025	
756/5 A&B, 756/6, 756/7, 756/8+9, 778 & 779, GIDC ESTATE, JHAGADIA, DIST-BHARUCH, GUJARAT						Custor	ner's Ref.		
Sample Details Waste Water Sample						Locatio	on	NCT Discharge	
Sample Qty. 2 Lit. + 20 Lit.					Appearance			Colorless	
Samp	ling Date	07/02/20	25			Sample	e Received Date	08/02/2025	
-	Started Date	08/02/20			Test Completio			14/02/2025	
Samp	led By	Client.					ng Method		
	, Lab ID. No.	25/02/L-0	030	2			5		
TEST R	ESULTS:	,, _							
	PLINE: Chemic	al Testing		NAME OF GROUP: Pollution & E	nvironm	ent			
Sr. Parameters		Test Method Permissible		Unit of Measur	nit of Permissible easurement Limit		Results		
GENE	RAL CHEMICA	L PARAME	TER	S					
21.	Cyanide		IS 3025(Part 27):1986 mg/L		0.2		BDL(MDL:0.05)		
22.	Phenolic Com	pound	IS	3025(Part 43):2022	mg/L		5	BDL(MDL:0.1)	
23.	Iron		AF	PHA 24th Ed.,2023,3111-B,	mg/L		3	1.64	
24.	Nitrate		AF	PHA 24th Ed.,2023,4500 NO3-B	mg/L		50	15.2	
25.	Total Residual Chlorine		AF	PHA 24th Ed.,2023, 4500-Cl, G	mg/L		1	BDL(MDL:0.1)	
26.	5. Manganese		AF	PHA 24th Ed.,2023,3500 Mn B	mg/L		2	BDL(MDL:0.1)	
27.	27. Selenium A			PHA 24th Ed.,2023 -3114-C,	mg/L		0.05	BDL(MDL:0.05)	
28.	3. Vanadium		APHA 24th Ed.,2023,3500 – V n				0.2	BDL(MDL:0.5)	
29.	Pesticides/Ins	Pesticides/Insecticide US EPA 8081 B µg/L		μg/L	L Absent		Absent		
30.			IS	6582 (Part 1): 1971	%		90 % survival of fish after 96 hrs in 100% effluent	90 % survival of fish after 96 hrs in 100% effluent	
Note	BDI - Below D	etection Li	imit MDL - Minimum Detection Limit					effluent	

**Note: BDL=** Below Detection Limit, **MDL** = Minimum Detection Limit,

#### \*\*\*\*\*\*\* End of Report \*\*\*\*\*\*

**Checked By:** 

Pirel

Nilesh C. Patel (Sr. Chemist)

UERL/CHM/F-2/05

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

Authorized By:

Nitin B. Tandel (Technical Manager)



QCI-NABET Accredited EIA Consultant Organization GPCB Recognized Environmental Auditor (Schedule-11) ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

			12011					
ULR N	0.				Rep	port No.	URC/25/02/L-0302	
			I INDUSTRIES LIMITED 56/2 A&B, 756/3 A&B, 756/4 A&B,			te Of Report	15/02/2025	
756/5 A&B			2 756/6 756/7 756/8+0 778 8 770			stomer's Ref.		
Sample Details Waste Wat			ter Sample			cation	NCT Discharge	
Sample Qty. 2 Lit. + 20 L			Lit.			pearance	Colorless	
Sampling Date 07/02/202			25			nple Received Date	08/02/2025	
Test St	tarted Date	08/02/202	5			st Completion Date	14/02/2025	
Sampled By Client.						mpling Method		
UERL Lab ID. No. 25/02/L-03			802	<b>_</b>				
TEST RE	SULTS:							
DISCID		al Tacting				NAME OF GROUP: Po	llution &	
DISCIPLINE: Chemical Testing					Environment			
Sr. No.	Parameters		Test Method Permissible	Unit of Measuremer	nt	Permissible Limit	Results	
1. Odour			IS 3025(Part 5):2018	Pt. Co. Scale		All effort shall be made to remove Unpleasant Odour as far as possible	Unobjectionable	
GENEF	RAL CHEMICA	L PARAMETE	RS					
2.	2. Trivalent Chromium		By Calculation	mg/L		2	BDL(MDL:0.05)	
3.	TOC		By Calculation	mg/L			120	
3.	Total Nitrogen		,	0,				
3. 4.		en	APHA 24th Ed.,2023,4500-B, C	mg/L			40.3	

**TEST REPORT** 

Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit,

Remarks: --

**Opinion & Interpretation (If required): --**

#### \*\*\*\*\*\*\* End of Report \*\*\*\*\*\*\*

Checked By:

Purel

Nilesh C. Patel (Sr. Chemist) Authorized By:

Nitin B. Tandel (Technical Manager)

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

UERL/CHM/F-2/05