

#### 21<sup>st</sup> May 2025 AIL/JH/2025/ENV/043

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 a period of October 2024 to March 2025.

#### **Reference:**

# SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013 SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019

#### Respected Sir,

With reference to the subject cited above, Unit is enclosing herewith the compliance Report for the period of **October 2024** to March 2025 in respect to the above mentioned References of Environment Clearance and its Amendments for "Expansion of Synthetic Organic Chemical" manufacturing unit at Plot No. 758/1-2-3, GIDC Jhagadia, District: Bharuch, Gujarat.

The Compliance report is supported with required documents.

Thanking you,

Yours Faithfully,

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



Encl : EC Compliance Report with Annexures

#### Copy to:

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

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

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 Factory : Plot No. 758 /1, 2 & 3, Survey No. 359 & 360, GIDC Estate, Jhagadia, Taluka. Jhagadia, Dist. Bharuch, Gujarat - 393110. INDIA. T : 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

### EC: SEIAA/GUJ/EC/5(f)/81/2013, dated 22.04.2013 EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

# Half-Yearly Environmental Clearance Compliance Report

## October 2024 to March 2025





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

Plot No. 758/1-2-3 GIDC Industrial Estate, Jhagadia 393110 Dist: Bharuch, Gujarat

# Environment Clearance Compliance Report of EC File No.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

Sr. No.	Name of Product	Existing Quantity MT/M	Proposed Quantity MT/M	Total Quantity MT/M	Remarks	SI	atus			
I	Group A : Mono Nitro	Derivative	s of Benzene	es & Chloro I	Benzene					
1	Para Nitro Chloro Benzene	3000	0	6000	As per EC, The Unit	Complied				
2	Ortho Nitro Chloro Benzene				will manufactu re either	Month	Total Production (MT/Month)			
3	Ortho/Para/Meta-Ni				one product or	Oct/24	5019.905			
	tro Cumene				more than	Nov/24	3956.971			
4	Nitro Benzene				one	Dec/24	4895.593			
5	2,5- Dichloro Nitro				product from a list	Jan/25	4381.928			
	Benzene				of existing	Feb/25	4126.861			
6	3,4- Dichloro Nitro Benzene				products and/ or proposed	Mar/25 5649.315 The production quantities				
7	Ortho Nitro Toluene	0	3000		products @ 6000	are well within prescribed				
8	Meta Nitro Toluene				MT/M	limits.				
9	Para Nitro Toluene									
10	Meta Nitro Chloro Benzene									
11	3,4- Dichloro Nitro Benzene	•								
п	Group B : Di Nitro Der	ivatives of	Benzenes &	MCB						
1	Di Nitro Benzene	1500	1500	3000		Complied				
2	Di Nitro Chloro Benzene					Month	Total			

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

							Production (MT/Month)
						Oct/	24 1060.912
						Nov/	<b>24</b> 861.854
						Dec/	24 783.441
						Jan/	<b>25</b> 510.841
						Feb/	<b>25</b> 731.159
						Mar/	<b>25</b> 1050.462
						_	luction quantities within prescribed
ш	Group C : Hydrogenat	ed Product	s : (Reductio	n)			
1	Meta Chloro Aniline	2500	0		In DCA	Complie	d
2	Para Chloro Aniline				Product, Unit will		Total
3	3,4 Di Chloro				manufactu	Month	Production (MT/Month)
	Aniline				re 22/24/25/	Oct/24	1642.745
4	2,3 Di Chloro				2,3/2,4/2,5/ 2,6/3,4/3,5	Nov/2	1667.280
	Aniline			5000	DCA &	Dec/24	1661.191
5	2,5 Di Chloro			5000	Mixture of 2:3,2:4/2:4,2	Jan/2	1226.773
	Aniline				:5/2:5,2:6/	Feb/2	1336.750
6	Meta Phenylene				DCA & 2:3,2:4,2:5,2:	Mar/2	<b>5</b> 1956.190
	Diamine				6 DCA	The production quantities are well within prescribed limits.	
7	Para Phenylene Diamine				As per EC, The Unit will		
8	Ortho Phenylene Diamine				manufactu re either one		

0	Ortho Anicidina			product or	
9	Ortho Anisidine	,		product or more than	
10	Para Anisidine			one	
11	Chloro Fluoro			product	
	Aniline			from a list of existing	
12	Para Cumidine			products	
13	Para Amino Phenol			and/ or proposed	
14	Meta Amino Phenol			products @ 5000	
15	Toluidines			MT/M.	
16	Ortho Chloro Aniline	0	2500		
17	2,4 Di Chloro Aniline				
18	2,6 Di Chloro Aniline				
19	3,5 Di Chloro Aniline				
20	Mixer of 2,4/2,5 DCA				
21	Mixer of 2,5/2,6 DCA				
22	Mixer of 2,4/2,5/2,6 DCA				
23	Ortho Cumidine				
24	Meta Cumidine				
25	Meta Anisidine				
26	2,4,5 TrichloroAniline				
28	Para Fluoro Aniline				

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

30       Ortho Fluoro Aniline         31       Di Fluoro Aniline (L3)         32       Di Fluoro Benzene (L3)         33       4-Fluoro-N-Isoprop yl Aniline         34       4-Chloro-N-Isoprop yl Aniline         35       Other Reduction Products         C       7000       14000         C       C         J       Total of Group A,B & C       7000       14000         C       V       Complied         I       Othor Products       Total of Group A,B & C       7000         V       Group D : Only Physical Separation         1       Ortho/Para/Meta       0       450       Separation       Complied	29	Meta Fluoro Aniline					
(1.3)       (1.3)         32       Di Fluoro Benzene (1.3)         33       4-Fluoro-N-Isoprop yl Aniline         34       4-Chloro-N-Isoprop yl Aniline         35       Other Reduction Products         7       Total of Group A,B & C         C       7000         C       Image: Complexity of the second se	30						
(1:3)       (1:3)         33       4-Fluoro-N-Isoprop yl Aniline         34       4-Chloro-N-Isoprop yl Aniline         35       Other Reduction Products         C       Total of Group A,B & C         C       Total of Group A,B & C         C       Total of Group A,B & C         V       Group D : Only Physical Separation	31						
34       4-Chloro-N-Isoprop         35       Other Reduction         Products       Total of Group A,B &         C       7000       14000         C       Month         Month       (MT/Month)         Oct/24       7723.562         Nov/24       6486.105         Dec/24       7340.225         Jan/25       6119.542         Feb/25       6194.770         Mar/25       8655.967         The production quantities are well within prescribed limits.         IV       Group D : Only Physical Separation	32		•				
35       Other Reduction Products       7000       7000       14000       Complied         C       C       7000       7000       14000       Complied         C       C       V       Total of Group A,B & Complied       Production Month         Month       C       V       Total       Production Month         Month       C       V       Group D : Only Physical Separation       The production quantities are well within prescribed	33						
Products       Image: Complex set of the set of	34						
C       Total         Production       Month         Month       (MT/Month)         Oct/24       7723.562         Nov/24       6486.105         Dec/24       7340.225         Jan/25       6119.542         Feb/25       6194.770         Mar/25       8655.967         The production quantities are well within prescribed limits.         IV       Group D : Only Physical Separation	35						
Image: Now D is Comp D is Only Physical SeparationImage: Now D is Comp			7000	7000	14000	Complied	
Image: Normal System       Image: Normal System <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Tetal</td></td<>							Tetal
Image: Nov Display in the second s							Iotal
Image: Nov/246486.105Dec/247340.225Jan/256119.542Feb/256194.770Mar/258655.967The production quantities are well within prescribed limits.IVGroup D : Only Physical Separation							
Image: Non-State of the state of the st						Month	Production
Image: state of the state							Production (MT/Month)
Image: Non-State of the state of the st						Oct/24	Production (MT/Month) 7723.562
Image: Non-State of the state of the st						Oct/24 Nov/24	Production           (MT/Month)           7723.562           6486.105
IV       Group D : Only Physical Separation						Oct/24 Nov/24 Dec/24	Production (MT/Month)           7723.562           6486.105           7340.225
IV   Group D : Only Physical Separation						Oct/24 Nov/24 Dec/24 Jan/25	Production           (MT/Month)           7723.562           6486.105           7340.225           6119.542
						Oct/24 Nov/24 Dec/24 Jan/25 Feb/25	Production (MT/Month)7723.5626486.1057340.2256119.5426194.770
1 Ortho/Para/Meta 0 450 450 Separation Complied						Oct/24 Nov/24 Dec/24 Jan/25 Feb/25 Mar/25 The productionare well with	Production (MT/Month)         7723.562         6486.105         7340.225         6119.542         6194.770         8655.967
	IV	Group D : Only Physic	cal Separati	ion		Oct/24 Nov/24 Dec/24 Jan/25 Feb/25 Mar/25 The productionare well with	Production (MT/Month)         7723.562         6486.105         7340.225         6119.542         6194.770         8655.967

	Chloro Toluene				By Distillation	As per CCA No. AWH-119699 this group is renamed as Group F.		
2	2:3 DCNB/3:4 DCNB	0	550	550	Separation By	Complied		
					Distillation	Month	Total Production (MT/Month)	
						Oct/24	185.300	
						Nov/24	221.535	
						Dec/24	175.540	
						Jan/25	128.000	
						Feb/25	103.700	
						Mar/25	163.047	
						As per CCA No. AWH-1196 this group is renamed Group F. The production quantities		
						are well with limits.	hin prescribed	
	Total of Group D	0	1000	1000		Complied		

Sr. No.	CONDITIONS COMPLIANCE STATUS								
A	SPECIFIC CONDITIONS:								
A.1	WATER:								
1	Total water requirement for the project shall not exceed 892 KL/day after the expansion and it shall be met through GIDC	Unit receives water from the GIDC water supply only. No							

	water supply only. No ground water shall be tapped for the project requirements in any case.	the CCA No. AWH-119699 dated 29/06/2022 valid up to 07/06/2029						
		Total water c		Water Con				
				Total	Avg	-		
			Month	KL/Month	KLD			
			Oct/24	33795	1090.16			
			Nov/24	32938	1097.93			
			Dec/24	34622	1116.83			
			Jan/25	34391	1109.39			
			Feb/25	31243	1115.82			
			Mar/25	27070	873.23			
		Water consu	mption is	well within con	sent limits.			
2	Total effluent generation from the project shall not exceed 96 KL/day, (91 KL/day of industrial effluent & 5 KL/day of domestic waste water) after the expansion.	216 KLD as p	er the spec /2022 vali	e industrial was afic condition N d upto 07/06/2 • <b>1</b> .	o. n) of CCA No	o. AWH-119699		
		Total industr	ial wastev	vater generation	from is tabula	ited below:		
			Indust	rial Wastewateı	Generation			
				Total		Avg		
		Mon	th	KL/ Month	۱	KLD		
		Oct/2	24	6213		200		
		<b>Nov/24</b> 5184 173						
		Dec/24         6111         197           Jan/25         5230         169						
		Feb/2	25	6003		214		

		Mar/25	6413	207			
		-	l) of CCA No. AWH-119	t is 5 KLD as per the 9699 dated 29/06/2022 nclosed herewith as			
		Total domestic wastew	vater generation from i	s tabulated below:			
		Dome	stic Wastewater Gene	ration			
			Total	Avg			
		Month	KL/ Month	KLD			
		Oct/24	153.71	4.96			
		Nov/24	142.43	4.75			
		Dec/24	141.38	4.56			
		Jan/25	139.72	4.51			
		Feb/25	137.63	4.92			
		Mar/25	151.16	4.88			
		Wastewater generation	n is well within the pre	escribed limits.			
3	There shall be no effluent discharge and the unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground connection disconnected before commencing the expanded production.	Complied. Condition Amended as Environmental Clearance File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019 same is enclosed herewith as <b>Annexure-3</b> . The unit is strictly adhering to Zero Liquid Discharge with an operational RO, MEE and ATFD System. Underground disconnection certificate from GIDC is enclosed herewith as <b>Annexure-4</b> .					
4	The unit shall install RO system having capacity of 100 KL/Day for 20 hours operation for utility effluent as well as RO system having capacity of 110 KL/Day for 20 hours operation for treated effluent from the ETP	<b>Complied</b> . Condition Amended No.SEIAA/GUJ/EC/5(f) Unit has installed the effluent from ETP have	/893/2019 dated 19.06.2 RO Systems for Utilit	2019. y Effluent and treated			

5	The existing ETP shall be	Complied.
	upgraded to treat the increased	Condition Amended as Environmental Clearance File
	quantum of effluent after the	No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019
	proposed expansion.	Unit has installed a combined ETP, RO, MEE, ATFD, SBT (soil
		biotechnology) to treat the effluent efficiently.
6	Effluent shall be treated in the	Complied.
	upgraded ETP consisting of the	Condition Amended as Environmental Clearance File
	primary secondary & tertiary	No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	treatment facilities & treated	Unit has primary, secondary and tertiary treatment facilities and
	effluent shall be fed to RO	treated effluent is fed to the RO system followed by MEE, ATFD.
	system for process effluent	
7	Permeate Water (62 KL/day)	Complied.
·	from RO plant for treated	Condition Amended as Environmental Clearance File
	effluent shall be completely	No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	reused in cooling tower.	RO permeate water is fully reused in cooling towers. Summary
		added in Point No:7 of Environmental Clearance amendment File
		No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
8	Reject water of (34 KL/day)	Complied.
	from RO plant for treated	
	effluent as well as reject water	This condition is amended in the Environmental Clearance
	(18 KL/day) from RO plant for	amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	utility effluent shall be	
	completely evaporated with the	
	help of on-site MEE	
9	Condensate water from MEE	Complied.
9	(42 KL/day) shall be completely	
	reused in cooling tower	This condition is amended in the Environmental Clearance
	whereas concentrate/residue	amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	from MEE (10 KL/day) shall be	
	sent to the	
	Crystalizer/Incinerator	
10	The existing MEE (40 KL/day)	Complied.
	shall be upgraded to increase	
	capacity from 40 KL/day to 60	This condition is amended in the Environmental Clearance
	KL/day in order to achieve zero	amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	discharge	
11	The unit shall provide metering	Complied.
11	facility at the inlets and outlets	
		1

	of ETP and maintain the	This condition is amended in the Environmental Clearance
	records of the same	amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
10	Proper Logbooks of ETP, RO	Complied.
12	plants & MEE operations and	
	also showing daily chemical	This condition is amended in the Environmental Clearance
	consumptions, power	amendment File No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019.
	consumption, quantity &	
	quality of effluent evaporated,	
	quantity & quality of effluent	
	reused etc. shall be maintained	
	and furnished to the GPCB from	
	time to time.	
13	Regular performance	Complied.
10	evaluation of the ETP, RO Plant	Unit is regularly carrying out Environmental Audit including
	& MEE shall be undertaken	Regular performance evaluation of the ETP, RO & MEE from GPCB
	every year to check its	allotted reputed institutions categorized as Schedule 1 Auditor.
	adequacy, through credible	
	institutes like IIT, NPC, L.D.	Environment Audit for FY-2023-24 was conducted by Shree
	College of Engineering, or such	Dhanvantary College of Engineering & Technology, Environment
	other institutes of similar	Audit Laboratory, Kim, Surat. Unit has complied the observations
	repute, and its records shall be	made by the Auditor, which is enclosed herewith as <b>Annexure-6</b> &
	maintained.	evaluation of ETP adequacy along with other Environment
		Management systems is enclosed herewith as an <b>Annexure-7</b> .
		Environmental Audit for <b>FY-2024-25</b> was conducted by <b>M/s R. N.</b>
		G. Patel Institute of Technology, Bardoli. However, Environment
		Audit Report for the said period is awaited from the Auditor.
14	The unit shall join and	Complied.
	participate financially and	
	technically for any common	Noted, Unit will join & participate.
	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 Govt. / GIDC.	
A.2	AIR:	

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

15.	There shall be no additional	Complied												
	process vent due to the	There		addit	ional	proce	ess ve	ent.						
	proposed expansion.					<b>P</b>								
16.	Diesel shall be used as new D.	Compl	ied.											
	G. Sets (3 no.) proposed to be	F-												
	installed for the expansion. The	Unit is	usin	a die	sel as	s fuel	in D	G Set	s. Ade	equat	e sta	ck h	eiaht	of 11
	stack height of the DG Sets	m is		-						-			-	
	shall be equal to the height	monito	-				-	-			-			
	needed for the combined	laborat	-	-										
	capacity of all proposed DG	within	•											
	Sets.													
		DG												
		Name		DG-1			DG-2			DG-3			DG-4	
		Parame				-						РМ	SO <sub>2</sub>	NOx
		ters	РМ	SO2	NOx	PM	SO2	NOx	РМ	SO <sub>2</sub>	NOx	PIVI	302	NOX
		CCA	150	100	50	150	100	50	150	100	50	150	100	50
		Limits	mg/ Nm3	ppm	ppm	mg/ Nm3	ppm	ppm	mg/ Nm3	ppm	ppm	mg/ Nm3	ppm	ppm
		Oct/24	78.4	6.6	40.4	72.6	5.8	36.4	74.2	5.8	39.1	68.6	6	34.2
		Nov/24	65.2	5.8	38.4	76.4	6.2	40.1	82.1	7.2	35.6	74.6	5.8	38.4
		Dec/24	76.4	6.6	40.1	81.6	8.2	35.6	70.4	5.8	32.4	84.9	6.6	41.1
		Jan/25	70.1	5.8	37.2	73.2	6.6	39.4	77.6	5.4	33.8	81.2	7.2	37.3
		Feb/25	68.4	5.2	33.8	72.2	7.4	37.2	75.1	6.8	35.1	69.4	5.6	38.4
		Mar/25	74.2	6.4	37.4	71.6	6	33.9	78.8	5.8	34.6	73.2	6.2	36.2
											-			<u> </u>
		Сору о	f the	DG S	tack	analy	sis re	port	of Ma	r'25 i	s bei	ng er	nclos	ed as
		Annex	ure-8	for y	our r	eferer	ice.							
17.	Coal / lignite to the tune of 1	Compl	ied.											
	MT/Hour shall be used as fuel													
	in the new Thermo-pack and	Unit h	as pi	ovid	ed an	adeq	luate	heig	ht of	30m	to tł	ne th	ermo	pack
	adequate stack height as per	stack a	-											
	prevailing norms shall be	Therm	opac	k is	not i	n ope	eratio	n as	ther	e is	no r	equi	reme	nt in
	provided.	proces												
18.	Bag filter shall be provided as	Compli	ied.											
	an Air Pollution Control System													_
	for the new Thermo-pack and it	Bag fil		-								-		
	shall be operated efficiently and	Therm	-			-	k is	not i	n op	eratio	on as	s the	re	is no
	effectively to achieve the norms	require	emen	t in p	roces	S.								
	prescribed by the GPCB at stack													
	outlets.													

19.	Online monitoring system shall	Complied.					
20.	also be installed on Thermo-pack stack to monitor the pollutant concentrations. An arrangement shall also be made for reflecting the online monitoring results on the company's server, which can be accessed by the GPCB on real time basis The unit shall undertake measures for solvent recovery and adequate reflux condensers	Online Continuous Monitoring has been installed on the Thermopack Stack to monitor SPM. The same has been connected to the company's SCADA system and daily reports have been generated and circulated to concerned persons. Thermopack is not in operation as there is no requirement in process. <b>Complied</b> . Adequate reflux condensers with chilled water circulation has been provided and recovery of solvent is more than 95 %. Solvent					
	shall be provided for	-	e unit is tabulated		95 %. Solveilt		
	controlling escape of low boiling solvents. Solvent recovery shall not be less than		Month	Methanol Recovery %			
	95 percent in any case.		Oct/24	96.99 %			
			Nov/24	97.24 %			
			Dec/24	97.63 %			
			Jan/25	97.04 %			
			Feb/25	96.17 %			
			Mar/25	95.90 %			
			Average	96.83 %			
		Solvent recove	eries are >95%.				
21.	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.	For reduction of vapor emission, solvents are stored in an underground storage tank with a breather valve and flame arrester. All venting equipment is connected to the vapor recovery system.					
22.	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards	the prescribed	l standards. Unit i	emission in the wor is maintaining Form aining particulars of	37, prescribed		

prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission:       the working environment required under Section 7 - A (2) (e) is herewith enclosed as Annexure-9.         a.       All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.       Complied.         b.       Enclosure shall be provided at coal / lignite loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to reduce the fugitive emission.       Complied.			
(e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission:       Complied.         a.       All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.       Complied.         b.       Enclosure shall be provided at coal / lignite loading and unloading operations.       Complied.         b.       Enclosure shall be sprinkled on coal / lignite tock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.			
Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission:       Complied.         a.       All handling & transport of coal through covered coal conveyors only.       Compled.         b.       Ignite shall be provided at coal conveyors only.       Complied.         b.       Enclosure shall be provided at coal / lignite loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.			herewith enclosed as <b>Annexure-9</b> .
indicative guidelines shall also be followed to reduce the fugitive emission:       Complied.         a.       All handling & transport of coal       Unit has installed a covered conveyor belt for coal handling. Photograph of the same is shown below:         only.       Photograph of the same is shown below:         b.       Enclosure shall be provided at coal loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.			
be followed to reduce the fugitive emission:       Complied.         a.       All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.       Unit has installed a covered conveyor belt for coal handling. Photograph of the same is shown below:         b.       Enclosure shall be provided at coal loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.			
fugitive emission:       Complied.         a.       All handling & transport of coal / lignite shall be exercised through covered coal conveyors only.       Unit has installed a covered conveyor belt for coal handling. Photograph of the same is shown below:         b.       Enclosure shall be provided at coal / lignite loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to the same in working condition is shown below:       Complied.		indicative guidelines shall also	
<ul> <li>a. All handling &amp; transport of coal / lignite shall be exercised through covered coal conveyors only.</li> <li>b. Enclosure shall be provided at coal / lignite loading and unloading operations.</li> <li>c. Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to</li> <li>Complied.</li> <li>Complied.<th></th><th>be followed to reduce the</th><th></th></li></ul>		be followed to reduce the	
/ lignite shall be exercised through covered coal conveyors only.       Unit has installed a covered conveyor belt for coal handling. Photograph of the same is shown below:         b.       Enclosure shall be provided at coal / lignite loading and unloading operations.       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.         c.       Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to       Complied.		fugitive emission:	
through covered coal conveyors only.Photograph of the same is shown below:DeltaPhotograph of the same is shown below:Image:	a.	All handling & transport of coal	Complied.
only.only.only.Image: Second Secon		/ lignite shall be exercised	Unit has installed a covered conveyor belt for coal handling.
b.Enclosure shall be provided at coal / lignite loading and unloading operations.Complied.c.Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting toComplied.c.Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting toComplied.		through covered coal conveyors	Photograph of the same is shown below:
coal / lignite loading and unloading operations.Enclosure is provided at coal loading and unloading operations & photograph of the same is enclosed in condition no: 22(a).c.Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting toComplied.Vater sprinkled on periodically to retain some moisture in the top layer and also while compacting toWater sprinklers are provided to suppress the dust in the coal and ash handling area to reduce the fugitive emission.			<image/>
unloading operations.photograph of the same is enclosed in condition no: 22(a).c.Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting toComplied.Water sprinklers are provided to suppress the dust in the coal and ash handling area to reduce the fugitive emission. Photograph of the same in working condition is shown below:	b.	Enclosure shall be provided at	Complied.
<ul> <li>c. Water shall be sprinkled on coal / lignite stock piles periodically to retain some moisture in the top layer and also while compacting to Photograph of the same in working condition is shown below:</li> <li>Complied.</li> <li>Complied.</li> <li>Water sprinklers are provided to suppress the dust in the coal and ash handling area to reduce the fugitive emission.</li> </ul>		coal / lignite loading and	Enclosure is provided at coal loading and unloading operations &
coal / lignite stock pilesperiodically to retain somemoisture in the top layer andalso while compacting toPhotograph of the same in working condition is shown below:		unloading operations.	photograph of the same is enclosed in condition no: 22(a).
periodicallytoretainsomeWater sprinklers are provided to suppress the dust in the coal and ash handling area to reduce the fugitive emission.alsowhilecompactingtoPhotograph of the same in working condition is shown below:	C.	Water shall be sprinkled on	Complied.
moisture in the top layer and also while compacting toash handling area to reduce the fugitive emission.Photograph of the same in working condition is shown below:		coal / lignite stock piles	
also while compacting to Photograph of the same in working condition is shown below:		periodically to retain some	Water sprinklers are provided to suppress the dust in the coal and
		moisture in the top layer and	ash handling area to reduce the fugitive emission.
reduce the fugitive emission.		also while compacting to	Photograph of the same in working condition is shown below:
		reduce the fugitive emission.	

d.	All transfer points shall be fully	Complied.
	enclosed.	All ash handling & coal handling areas are fully covered under the shed. Refer photographs enclosed in condition no.22 (a)
e.	Adequate dust	Complied.
	suppression/extraction system at crusher house as well as for the coal stock yard shall be provided to abate dust nuisance	Water Sprinklers are provided to suppress the dust. Refer photographs enclosed in condition no.22 (c)
f.	Accumulated dust on the	Complied.
	ground and other surfaces shall be removed / swept regularly	The unit is continuously sweeping by using the sweeping machine
	and water the area after	in the area in order to remove the accumulated dust.
	sweeping.	MRICLEAN ORIGINAL ORIGINAL ORI

g.	Internal roads shall be either	Complied.
	concreted or asphalted or paved properly to reduce the fugitive emission during vehicular	All the internal roads are concreted & asphalted.
	movement.	
h.	Air borne coal dust shall be	Complied.
	controlled with water sprinklers at suitable locations	Water sprinklers are provided to control the coal dust. Refer photographs enclosed in condition no.22 (c)
	in the plant.	photographs enclosed in condition no.22 (c)
i	Coal / lignite shall be	Complied.
	transported through covered	
	trucks only whereas fly ash	All the coal /Fly ash transported through closed trucks only.
	shall be transported through closed trucks only.	
j	A green belt shall be developed	Complied.
	all around the plant boundary	Green belt area is developed along the boundary wall to mitigate
	and also along the roads to	fugitive and transport dust emission.
	mitigate fugitive & transport	
	dust emission.	

		<image/>
23.	Regular performance	Complied.
	evaluation of the air pollution	Unit is regularly carrying out Environmental Audit including
	control systems shall be	Regular performance evaluation of the ETP, RO & MEE from GPCB
	undertaken every year to check its adequacy, through credible	allotted reputed institutions categorized as Schedule 1 Auditor.
	institutes like IIT, NPC, L.D.	Environment Audit for FY-2023-24 was conducted by Shree
	College of Engineering or other	Dhanvantary College of Engineering & Technology, Environment
	such other institutes of similar	Audit Laboratory, Kim, Surat. Unit has complied the observations
	repute, and its records shall be	made by the Auditor, which is enclosed herewith as <b>Annexure-6</b> &
	maintained.	evaluation of ETP adequacy along with other Environment
		Management systems is enclosed herewith as an <b>Annexure-7</b> .
		Environmental Audit for <b>FY-2024-25</b> was conducted by <b>M/s R. N.</b>
		G. Patel Institute of Technology, Bardoli. However, Environment
		Audit Report for the said period is awaited from the Auditor.
24.	Regular monitoring of ground	Complied.
	level concentration of HCl, SO2,	
	NOx, PM10 and PM2.5 shall be	Unit is carrying out Ambient Air monitoring as per the National
	carried out in the impact zone	Ambient Air Quality Standards (NAAQS) at upwind and
	and its records shall be maintained. Ambient air	downwind location by a MoEF&CC approved and NABL Accredited laboratory
	quality levels shall not exceed	The monitoring of $SO_2$ , $NO_x$ , PM10 and PM2.5 is carried out for 24
	the standards stipulated by	hours (4-hourly sampling for gaseous pollutants and 8-hourly
	Gujarat Pollution Control Board.	sampling for particulate matter) with a frequency of twice a
	If at any stage these levels are	week at 3 specific locations, to have 104 observations in a year.
	found to exceed the prescribed	The results of the analysis are provided in the following table.
	limits, necessary additional	Ambient Air Monitoring Report of March'25 is enclosed herewith
	control measures shall be	as Annexure-10, for reference. All values are well within the

pro	wided immediately. The	limits.								
	ation of the monitoring		Near Main Gate							
	tions and frequency of onitoring shall be decided in		PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>				
	nsultation with GPCB.	Month	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3				
		Oct/24	81.2	29.5	19.4	22.4				
		Nov/24	85.6	34.2	20.8	24.5				
		Dec/24	82.3	31.8	21.4	24.5				
		Jan/25	80.3	30.4	24.2	25.7				
		Feb/25	83.2	28.2	22	24.1				
		Mar/25	81.5	31.6	20.2	24.1				
			Nea	r Emergency	Gate					
			PM10	PM2.5	SO <sub>2</sub>	NOx				
	Month	100 µg/m3	60 µg/m3	80 µg/m3	80 µg/m3					
		Oct/24	83.1	29.4	21.6	24.1				
		Nov/24	79.6	32.5	20.9	23.4				
		Dec/24	78.3	30.3	20.9	23.2				
		Jan/25	81	29.3	23.4	25.6				
		Feb/25	79.5	29.7	23.9	26.8				
		Mar/25	79.8	30.3	21.6	25.3				
			Noar F	TP Expansio	n Area					
			PM10	PM2.5	SO <sub>2</sub>	NOx				
		Month	100 µg/m3	60 μg/m3	80 μg/m3	80 µg/m3				
		Oct/24	80	28	19.8	22.9				
		Nov/24	81.1	30.8	21.3	24.4				
		Dec/24	82.1	27.3	20	23				
		Jan/25	80.7	26.6	21.9	23.7				
		Feb/25	81.9	29.7	25.5	27.2				
		Mar/25	80.1	30.3	21.0	23.8				

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

A.3	HAZARDOUS / SOLID WASTE :	
25.	The company must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.	<b>Complied</b> . The unit is strictly complying with regulatory norms in handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and amendments thereof. The copies of authorization,CCA No. AWH- 119699 dated 29/06/2022, CCA Amendment No. H-119700 dated 09/09/2022 valid upto 07/06/2029 and same is enclosed herewith as <b>Annexure-1</b> .
26.	The hazardous wastes shall be 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 wastes are stored in the designated storage area with a pucca bottom and proper leachate collection facility.
27.	The unit shall dispose its ETP sludge, evaporation salt and incineration ash at the nearest common TSDF.	<b>Complied</b> . The unit is disposing of ETP sludge, evaporation salt to the common TSDF site. Membership certificate for TSDF is enclosed as <b>Annexure-12A</b> .
28.	Organic residue and spent carbon shall be disposed by incineration in the on-site hazardous waste incinerator or the nearest common hazardous waste incineration facility.	<b>Complied</b> . Organic residue is being disposed of in the common Hazardous waste incineration facility. Membership certificate for incineration facility is enclosed as <b>Annexure-12B</b> .
29.	Entire quantity of spent sulfuric acid shall be sent to the SSP Plant of the company to be set up in Jhagadia estate once it is commissioned. Until commissioning of the SSP	<b>Complied</b> . Unit is sending Spent Sulphuric Acid to the SSP manufacturing unit located in Vapi along with other industries having permission under Rule 9 of Hazardous Waste Rules, 2016 with proper MoU, online manifest generated through GPCB XGN portal & sent in

#### Plant at Jhagadia, an entire dedicated tankers equipped with AIS-140 GPS. Disposal quantity in quantity of spent sulphuric acid MT from Oct'24 to Mar'25 is tabulated below: shall be sent to their SSP Month **Disposed Quantity (MT)** manufacturing unit at Vapi. Oct/24 5215.260 The spent acid shall be Nov/24 3807.330 transported only by dedicated tankers equipped with GPS and Dec/24 4800.690 registered with the GPCB for **Jan/25** 3332.510 the purpose. Feb/25 3873.500 **Mar/25** 4992.430 Discarded containers / barrels / Complied. 30. bags / liners shall be either Discarded Containers/Barrels are sold to Authorized recycler & non reused or sold only to the recyclable liner bags are disposed of to Secured landfill. Waste is authorized recyclers after sent by Manifest System through Dedicated Hazardous waste decontamination. vehicle with GPS system. Disposal quantity in MT from Oct'24 to Mar"25 is tabulated below: Month **Disposed Quantity (MT)** Oct/24 13.990 Nov/24 10.800 Dec/24 17.930 **Jan/25** 82.640 4.280 Feb/25 Mar/25 17.220 Used oil shall be either reused 31. Complied. as lubricant or sold only to the Used oil is sold to registered recyclers. Waste is sent through registered recyclers. online manifest generated through GPCB XGN. A.4 SAFETY 32. The project management shall Complied. strictly comply with the provisions made in the The company is strictly complying with the rules and regulations under Manufacture, Storage and Impact of Hazardous Chemicals Factories Act, 1948 as well as Rules, 1989 as amended. Manufacture. Storage and Impact of Hazardous Chemicals

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

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	Rules 1989 as amended in 2000										
	for handling of hazardous										
	chemicals.										
33.	Necessary approvals from PESO	Comp	lied.								
	and concerned Govt.										
	Authorities shall be obtained		Unit has obtained an approval from PESO License No:								
	before commissioning of the		P/HQ/GJ/15/2034 (P12353) dated 18/02/2020 duly renewed upto								
	project.		2028 and is end	closed here	ewith	as <b>Anne</b> z	<b>kure-13</b> , fo	or refere	nce.		
34.	All the risk mitigation	Comp	lied.								
	measures and										
	recommendations mentioned	Unit has implemented all the mitigation and recommendations									
	in Risk Assessment & Disaster	menti	oned in the EIA	A report.							
	Management Plan chapter of	0			<b>b</b>			. 1			
	the EIA Report shall be		te emergency sed herewith as	-		prepared	and imp	plement	ea &		
	implemented.		liance report o			comont (	parriad ou	t durin	a tho		
		-	-						-		
		EIA process considering various probable emergency scenarios is enclosed as <b>Annexure-22</b> .									
			s following the		Disast	er Manao	nement p	an prer	pared		
			e District Disast				-				
35.	A well designed fire hydrant	Comp		5							
	system shall be installed as per	Unit	has installed	an adeq	uate	fire hyd	rant sys	tem as	per		
	the prevailing standards.	requi	rement and s	standard.	Fire	pump l	ist and	capacit	y is		
		sumn	narized below:								
							Flow				
		Sr. No.	Description	Capacity (HP)	RPM	MAKE	Rate (m3/Hr)	HEAD			
		1	Jocky Pump 1	7.5	2900	KSB	10	75			
		2	Jocky Pump 2	7.5	2900	KSB	10	63			
		3	Main Pump 1	50	2900	KSB	100	70			
		4	Main Pump A	150	1485	KSB	273	88			
		5	Main Pump B	150	1485	KSB	273	88			
		6	Diesel Pump	132	1800	Greaves	273	70			
		7	Diesel tank capacity of DG			200 L					
			Pump								

36.	Necessary flameproof fittings shall be provided in the production plants.	per Haza	ssary flameproo the hazardous rdous area cla	650 KL of fittings are provided in production plants area classification. Unit has carried of assification through an external compete wer Facts, Mumbai. Cover page of the same	out ent
		enclo	sed as an Anne	xure-15	
37.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	Use c	easures have b of appropriate P	een taken to avoid accidents. PEs is being done wherever applicable duri g of toxic / hazardous chemicals.	ing
38.	Storage and use of hazardous chemicals shall be minimized to the extent possible and all necessary precautions shall be taken to mitigate the risk generated out of it. Storage of hazardous chemicals shall be in multiple small capacity tanks /containers instead of one single large capacity tank for safety purpose.	Comp Stora exten mitig	plied. ge and use of ha t possible and ate the risk gen icals. Unit has	azardous chemicals has been minimized to t all necessary precautions are being taken nerated out of storage and usage of hazardo ensured multiple storage with adequate ta	n to ous
39.	During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic waste water or storm water.	to tra	has provided m	lechanical seal pumps and closed loop systerials to avoid spillages. Plant drain is shown	



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	The up shall be done with		avoid unauthorized entry. Complied.						
41.	Tie up shall be done with nearby health care unit for		<b>u</b> .						
	seeking immediate medical	Unit ha	s a	well equipped Occupational Health Cente	er (OHC)				
	attention in the case of			nder qualified FMO & nurses. Unit has also	. ,				
	emergency, regular medical		-	ealth care unit Jayaben Modi Hospital, 32 Kr	-				
	checkup of the workers and		-		-				
	keeping its record etc.								
42.	Personal Protective Equipments	Complied	đ.						
	shall be provided to workers			E like Helmet, Goggles, Safety Belt, Ear P	-				
	and its usage shall be ensured	-		fask, Rubber Gloves etc has been provided t					
	and supervised			ecessary care is taken to assure strict usage	of PPEs.				
43.	First Aid Box and required antidotes for the chemicals	Complied		and required antidotes for the chemicals us	od in the				
	used in the unit shall be made			ided at a readily available place and in a					
	readily available in adequate		-	of prominent locations in plant where First A	- 1				
	quantity.			bulated below:					
			Sr.						
			No:	Plant					
			1	New H2 plant					
			2	Electrical					
			3	New H2 Godown					
			4	New Inst. room					
			5	New H2 Cont. room					
			6	Maintenance					
			7	ETP MCC Room					
			8	Fire station					
			9	DCNB Porta Cabin					
			10	Canteen					
			11	Boiler (CN4)					
			12	RO Plant					
			13	New ETP					
			14	ETP					

			15	CN 4,5					
			16	DCS					
			17	VIP Gate					
			18	Admin 1					
			19	Admin 2					
			20	Inside Lab					
			21	Dispatch					
			22	Power Plant 1					
			23	Power Plant 2					
44.	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 safe health aspects of Chemical handling and details of the sa the duration of Oct'24 to Mar'25 is tabulated below:							
			Traini	ing Topic	No of participants				
				onment/ inability	834				
			Safety ork peri	r Training nit, Induction, ce safety etc)	159				
			_	, <b>,</b> ,		1			
45.	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	Occupational Health Center maintains the records of pre-employment and periodical medical examinations for all the workers, as per the Factories Act & Rules. Duly filled & signed copy of Form-32 & 33 as prescribed in Gujarat Factory Rules are enclosed							
		checkup. 1. General checkup (height, weight, pulse, BP etc)							
		2. Blood test (RBC, WBS, hemoglobin, platelets, blood gro differential count etc)							
			differential count etc) 3. Urine test (physical, chemical and microbial exami						
		3.				al examination			

		<ol> <li>Audiometric test</li> <li>Pulmonary function test, etc.</li> </ol>									
		6. Details	of health				orkers is	aiven	helow <sup>.</sup>		
		Detaile			ational H			-			
			Mo	- nth			lo. of Wo				
			Octol	per 24			Employ (Contra	-			
								,			
46.	Handling and charging of the chemicals shall be done in such a manner that minimal human exposure occurs.	<b>Complied</b> . Unit is operating under the DCS system. Unit strictly follows all the standards set by considering utmost safety for handling and pumping or vacuum transfer of chemicals for reduction of human exposure.									
47.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	<b>Complied</b> . Unit is following the same. Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act & Rules.									
A.5	NOISE										
48.	The overall noise level in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures, vibration	level n NABL herewi	ed. DG are nonitorin Accredit th as <b>A</b> lB (A) at	g has b ed labo <b>mexure</b>	een don ratory. 7 2-18 for	ie mont The rep your re	hly by I ort of N ference	MoEF&( /larch'2 . Detail	CC app: 5 is ei s of th	roved & nclosed	
	dampers etc. on all sources of			Ambien	t Noise lev	vel monito	oring (in d	lB (A))			
	noise generation. The ambient		Location		Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25	
	noise levels shall confirm to the standards prescribed under the			Day	63.7	63.1	63.6	63.3	63.8	63.3	
	Environment (Protection) Act	Near VIP	Gate	Night	61.1	60.4	61.1	60.4	61.3	60.6	
	and Rules. Workplace noise	Near Ma	terial Gate	Day	66.5	65.9	66.5	65.9	66.4	66.0	
	levels for workers shall be as			Night	59.0	58.2	59.0	58.5	59.2	58.4	
	per the Factories Act and Rules.	Near CN Scrubber		Day	71.0	70.5	70.9	70.5	71.3	70.7	
				Night Day	66.2 67.0	65.6 66.7	66.1 67.3	65.7 66.8	66.0 67.1	65.7 66.6	
		Near U/O Storage A	6 Benzene Area	Night	62.5	61.7	62.4	61.9	62.5	61.8	
		e No. 2	Day	71.4	70.8	71.5	70.7	71.2	70.9		

			Night	66.2	65.8	66.0	65.7	66.3	65.4
		Near 30 TPH Boiler	Day	68.8	68.1	68.6	68.3	68.7	68.1
		Area	Night	64.6	63.7	64.6	63.7	64.4	64.0
		Near Acid Tank	Day	70.4	69.8	70.7	69.8	70.7	70.1
		Loading/Unloading Area	Night	65.2	65.0	65.3	65.1	65.3	64.8
			Day	66.7	65.9	66.6	66.3	66.5	66.3
		150 KLD SBT Area	Night	53.0	52.6	52.9	52.7	53.0	52.5
			Day	58.5	58.0	58.9	58.1	58.5	58.2
		Near NT Tank Farm	Night	59.9	59.5	60.2	59.5	60.0	59.9
			Day	68.1	67.4	68.2	67.7	68.2	67.5
		Near MBR STP	Night	63.3	62.8	63.4	62.7	63.1	63.0
		Near Ash Silo (CPP	Day	53.8	53.4	53.5	53.2	53.6	53.1
		Plant)	Night	67.2	66.8	67.2	66.4	67.2	66.4
		Near ETP	Day	60.5	59.7	60.4	59.9	60.2	59.8
		Expansion	Night	56.2	55.4	56.0	55.4	56.3	55.7
		Near Utility DM	Day	73.9	73.7	72.8	73.8	74.1	72.9
		Plant	Night	68.2	69.2	68.9	68.5	68.8	68.5
			Day	73.5	74.1	73.6	73.9	73.6	73.7
		Near NEW ETP	Night	69.2	68.8	68.6	68.9	69.2	68.7
		Near Utility RO	Day	64.6	64.4	64.8	64.1	64.9	64.0
		Section	Night	61.9	61.3	62.2	61.5	62.2	61.6
		All values are well within the limits.							
A.6	ENERGY CONSERVATION:								
49.	The project proponent shall	Complied.							
	install energy efficient devices								
	and appliances conforming to	Unit has installed energy efficient devices and appliances				liances			
	the Bureau of Energy Efficiency	conforming to the Bureau of Energy Efficiency norms.							
	norms.								
50.	The energy audit shall be								
	conducted at regular intervals								
	and the recommendations of	Pvt Ltd, Vadodara and report is being enclosed herewith as							
	the audit report shall be	Annexure-19. Unit has also complied all the recommendations							
	implemented	made by them.							
A.7	WASTE MINIMIZATION AND CLI	EANER PRODUCTION:							
51.	The unit shall undertake the	Complied.							
	Cleaner Production Assessment								

	study through a reputed	Unit has undertaken the Cleaner Production Assessment study		
	institute / organization and	and obtained Gujarat Cleaner Production Award 2014-15. The same		
	shall form a CP team in the	is being enclosed herewith as <b>Annexure-20</b> . The unit is		
	company. The	maintaining Zero liquid Discharge.		
	recommendations thereof			
	along with the compliance			
	shall be furnished to the GPCB.			
52.	The company shall undertake			
	following waste minimization			
	measures:			
a.	Metering and control of	Complied.		
	quantities of active ingredients	Metering has been provided for active ingredients.		
	to minimize waste.			
b.	Reuse of by-products from the	Complied.		
	process as raw materials or raw	Unit is sending spent acid generated to the SSP manufacturing		
	materials substitutes in other	unit Vapi along with other industries having permission under		
	process.	Rule 9 of Hazardous Waste Rules, 2016 with a manifest through		
		dedicated tankers equipped with GPS.		
C.	Use of automated and enclosed	Complied.		
	filling to minimize spillages.	All the feeding systems are closed and automated.		
d.	Use of close feed system into	Complied.		
	batch reactors.	Closed loop system has been implemented in batch reactors.		
e.	Dry cleaning / mopping of floor	Complied.		
	instead of floor washing	Dry cleaning in roads and mopping are being done in plant		
f.	Use of high pressure hoses for	Complied.		
	cleaning to reduce wastewater	Unit is using only high pressure hose pipes wherever required.		
	generation			
g.	Regular preventive	Complied.		
	maintenance for avoiding			
	leakage, spillage etc.	and is being strictly followed.		
A.8	GREEN BELT AND OTHER PLANTATION:			
53.	The unit shall develop green	Complied.		
	belt within premises as per the	Unit has developed Green belt area as per CPCB guidelines within		
	CPCB guidelines. However, if	and outside the premises.		
	the adequate land is not	Unit has developed approx 10438 m2 of green belt inside the		
	available within the premises,	premises and outside.		
	the unit shall take up adequate	Additionally, Green belt area of 17309 m2 is planned to be		
I	mlampation on wood sides and	developed in DC No. 264		
	plantation on road sides and	developed in RS No. 364.		

	estate, nearby schools, gram				
	panchayat areas and any other				
	open areas in consultation with				
	the GIDC / local bodies /GPCB				
	and submit an action plan of				
	plantation for next three years				
	to the GPCB.				
54.	Drip irrigation / low-volume,	Complie	ed.		
	low-angle sprinkler system	Sprinkle	er system has been provide	ed for the irrigation of the Green	
	shall be used for the green belt	Belt are	a. Installed water irrigati	on system includes circulation	
	development.	pipeline	s of 960 m provided with l	aterals and drippers of 20,000 m	
		and 1080	00 numbers respectively.		
В	OTHER CONDITION:				
55.	In the event of failure of any	Complie	d		
00.	pollution control system	compile			
	adopted by the unit, the unit	Unit ha	s provided the system to a	close down the operation in the	
	shall be safely closed down and	Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.			
	shall not be restarted until the		familie of any ponution cor	nior equipment.	
	desired efficiency of the control				
	equipment has been achieved.				
56.	The company shall strictly	Complie	d		
00.	follow all the recommendations	Compile			
	mentioned in the Charter on	The uni	it has strictly followed al	l applicable recommendations	
	Corporate Responsibility for		•	Corporate Responsibility for	
	Environment Protection (CREP)			blished by the Central Pollution	
	published by the Central	Control	· · · -	bilshed by the Central Foliution	
	Pollution Control Board, as may	Control	Doard.		
	be applicable.	Pofor or	polosed Anneyure-17		
57.	A separate Environment	Refer enclosed Annexure-17.         Complied.			
57.	Management Cell equipped	Unit h		vironment Management Cell	
	with full fledged laboratory			5	
	facilities and qualified				
	personnel shall be set up to		e galaanoe of General Mai	ager, vice i residents.	
	carry out the Environment				
	Management and Monitoring	Environment Management Cell			
	functions and a separate budget	Sr No	Name of Member	Designation	
	shall be allocated for this	1	Shyam Dhekekar	Joint President	
	purpose.				

		3		Shankar Karhale	Vic	e President	
		4	Kri	shna Kumar Maurya	Assistant	General Manage	er
		5		Jitendra Gaur	Seni	ior Manager	
58.	The funds earmarked for environment protection measures shall be maintained in a separate account and there shall not be any diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported.	Full fledged laboratory facility exists for Environmental         Monitoring with facilities to carry out analysis like pH, TOC, COD,         TDS, MLSS, MLVSS, Chloride, Sulphate, Total Hardness, Silica,         Phenol, Ammoniacal Nitrogen, Turbidity, Alkalinity and         Conductivity etc.         Complied.         Budgetary allocation is made for revenue expenditure for routine         operation of various treatment facilities. Allocated funds for         environment management/pollution control are not diverted for         any other purpose.					
		Sr. NoActivitiesTotal Cost (Rs in Lacs)					
			1	Environment monito	ring	4.57	
			2	Green belt		5.70	
			3	Effluent treatment pl	ant	1405.28	
			4	Hazardous waste stor disposal	rage and	571.23	
				Total Cost		1986.78	]
59.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling	Compli	ied.				

	areas to minimize soil	Pucca flooring has been provided in the work areas, chemical
	contamination.	storage areas and chemical handling areas to avoid soil
		contamination.
60.	Leakages from the pipes,	Complied.
	pumps, shall be minimal and if	Unit is using only mechanical seal pumps in order to avoid the
	occurs, shall be arrested	leakages. Seamless pipes without flange joints are provided in the
	promptly.	plant. Regular preventive maintenance is also being carried out.
61.	All the recommendations made	Complied.
	in the EIA Report submitted by	
	the project proponent shall be	Unit has implemented all the recommendations made in the EIA
	strictly implemented.	Report.
62.	The company shall carry out	Complied.
-	socio-economic developmental	
	/ community welfare activities	Unit is doing socio-economic developmental measures including
	in consultation with the	community welfare measures. Activity details are enclosed
	District Development Officer /	herewith as <b>Annexure-20</b> .
	District Collector.	nerewith as <b>Annexure-zo</b> .
63.	The project proponent shall	Complied
	also comply with any	Unit is assures to comply with all the additional conditions
	additional condition that may	imposed by the SEAC or the SEIAA or any other competent
	be imposed by the SEAC or the	authority for the purpose of environmental protection and
	SEIAA or any other competent	management.
	authority for the purpose of the	
	environmental protection and	
	management.	
64.	No further expansion or	Noted,
	modifications in the plant likely	Unit has taken Environmental Clearance amendment as File
	to cause environmental	No.SEIAA/GUJ/EC/5(f)/893/2019 dated 19.06.2019 and is enclosed
	impacts shall be carried out	herewith as <b>Annexure-3</b> .
	without obtaining prior	nerewith as <b>Annexure-3</b> .
	Environment Clearance from	
	the concerned authority.	
65.	The project authorities shall	Complied.
	earmark adequate funds to	Unit has devoted sufficient funds to implement the conditions
	implement the conditions	stipulated by SEIAA as well as GPCB along with the
	stipulated by SEIAA as well as	implementation schedule for all the conditions stipulated herein.
	GPCB along with the	implementation solicate for an the contritions supulated herein.
	5	
	implementation schedule for all	
	the conditions stipulated	

#### EC.: SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013

	herein. The funds so provided	
	shall not be diverted for any	
	other purpose.	
66.	The applicant shall inform the	Complied
	public that the project has been	
	accorded environmental	Advertisements were given in local newspapers.
	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.	
67.	It shall be mandatory for the	Complied.
	project management to submit	-
	half-yearly compliance report	The Unit had submitted the half-yearly compliance report in
	in respect of the stipulated prior	respect of the stipulated prior environmental clearance terms and
	environmental clearance terms	conditions in hard and soft copies to the regulatory authority
	and conditions in hard and soft	concerned on 28.11.2024 for the period of Apr'24 to Sept'24.
	copies to the regulatory	Screenshot of half-yearly compliance report submission in State
	authority concerned, on 1st	Environment Impact Assessment Authority portal is enclosed
	June and 1st December of each	herewith as <b>Annexure-5</b> .
	calendar year.	
68.	The project authorities shall	Complied.
	also adhere to the stipulations	Unit is adhering to the stipulations issued by the Gujarat Pollution
	made by the Gujarat Pollution	Control Board.
	Control Board.	
69.	The project authorities shall	Noted.
	inform the GPCB, Regional	
	Office of MoEF and SEIAA	
L		

	about the date of financial	Not applicable since the project is self-financed. Kindly refer the
	closure and final approval of	copy of CERTIFICATE OF REGISTRATION enclosed herewith as
	the project by the concerned	Annexure-21.
	authorities and the date of start	
70	of the project.	Noted
70.	The SEIAA may revoke or suspend the clearance, if	Noted.
	1	
	implementation of any of the above conditions is not found	
	satisfactory.	
71.	The company in a time bound	Complied.
'1.	manner shall implement these	Complied.
	conditions. The SEIAA reserves	The Public Liability Insurance Policy No: 12040036243300000004
	the right to stipulate additional	Valid from 09/01/2025 12:00 AM/ PM to till 08/01/2026 12:00 AM/
	conditions, if the same is found	PM is enclosed herewith as <b>Annexure-14</b> .
	necessary. 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.	
72.	This environmental clearance	Noted.
	is valid for five years from the	
	date of issue.	-
73.	Any appeal against this	Noted.
	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.	

# **Environment Clearance Compliance**

# **Report of**

# EC File No.: SEIAA/GUJ/EC/5(f)/893/2019,

# dated 19.06.2019

#### Environmental Clearance Compliance Report - October 24 to March 25

#### EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

Sr. No.	CONDITIONS	C	COMPLIANCE STATU	s	
I	SPECIFIC CONDITIONS				
A.1	WATER				
3.	There shall be no effluent discharge and the unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground connection disconnected before commencing the expanded production. Unit shall receive additional effluent of 400.4 KLD from sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for treatment and treated wastewater of 370 KLD shall be sent back to them for reuse in their premises.	Complied. Unit is maintaining Zero Liquid Discharge. Underground disconnection certificate from GIDC is enclosed herewith as Annexure-4. Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.			
4.	Total 616.4 KLD [216 KLD - Aarti Industries Limited (Unit-I) + 400.4 KLD Aarti Industries Limited (Unit-II)] shall be treated in common/combined ETP.	common/combined I		units is treated in tion Unit I Avg KLD 200 173 197	
		Jan'25 Feb'25	5230 6003	169 214	

		Mar'25	6413	207
		Sister concern unit i.		
		for CCA Amendmen 17.01.2023 and obtain dated 28.06.2023 to p	nt application inwar ned CC&A Amendmo manage the effluent 3 Aarti Industries Lto m sister concern uni	rd no. 270448 dated ent No. AWH-126636 within the premises, l (Unit-I) has stopped
5.	Unit shall install combined ETP of adequate capacity consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.		ry treatment facilities	nsisting of primary, followed by RO, MEE
		for CCA Amendmen 17.01.2023 and obtain dated 28.06.2023 to p	nt application inwar ned CC&A Amendmo manage the effluent 3 Aarti Industries Lto m sister concern uni	l (Unit-I) has stopped
6.	Entire quantity (616.4 KLD) shall be treated in the combined ETP consisting of primary, secondary and tertiary treatment facilities followed by	<b>Complied</b> . Unit has primary, se and treated effluent : ATFD.		y treatment facilities em followed by MEE,
	RO, MEE and ATFD	for CCA Amendmen 17.01.2023 and obtain dated 28.06.2023 to n Hence from Jan-2023	nt application inwar ned CC&A Amendmo manage the effluent 3 Aarti Industries Lto m sister concern uni	d (Unit-II) has applied rd no. 270448 dated ent No. AWH-126636 within the premises, l (Unit-I) has stopped t Aarti Industries Ltd
7.	Out of 580 KLD of RO permeate and MEE condensate; 370 KLD shall be send back to the sister concern unit i.e. Aarti	<b>Complied</b> . Reused water in Aar below.	ti Industries Limited	Unit-1 are tabulated
	Industries Ltd (Unit-II) located at the adjoining plot for reuse	Month	Reused Wa	ater Unit-1

#### Environmental Clearance Compliance Report - October 24 to March 25

	and remaining 210 KLD shall be		/2019, dated 19.06.201	-		
	reused within plant premises.		KL/ Month	KLD		
	Free brownood	Oct'24	4337.00	139.90		
		Nov'24	3654.00	121.80		
		Dec'24	4832.00	155.87		
		Jan'25	5581.00	180.03		
		Feb'25	5712.00	204.00		
		Mar'25	5784.00	186.58		
		for CCA Amendmer 17.01.2023 and obtai dated 28.06.2023 to Hence from Jan-202	nt application inwar ned CC&A Amendm manage the effluent 3 Aarti Industries Lto	d (Unit-II) has applied and no. 270448 dated ent No. AWH-126636 within the premises, d (Unit-I) has stopped t Aarti Industries Ltd		
8.	Out of 284.4 KLD of total process effluent (91 KLD from Unit-I + 193.4 KLD from Unit-II); 66 KLD	Complied.				
	of effluent shall be treated by Fenton treatment followed by MEE -1 & ATFD - 1 and 218.4 KLD	Unit has adequate treatment facility for treatment of process effluent which includes fenton treatment, ETP with primary secondary and tertiary treatment, MEE, ATFD and RO.				
	of effluent shall be treated in ETP. Treated effluent from ETP (218.4 KLD) and MEE-1 condensate (60 KLD) shall be mixed and further treated in RO 1,2,3,4.	for CCA Amendmer 17.01.2023 and obtai dated 28.06.2023 to Hence from Jan-202	nt application inwar ned CC&A Amendm manage the effluent 3 Aarti Industries Lto m sister concern uni	d (Unit-II) has applied rd no. 270448 dated ent No. AWH-126636 within the premises, d (Unit-I) has stopped t Aarti Industries Ltd		
9.	Remaining 332 KLD of effluent from utilities (125 KLD from Unit-1 + 207 KLD from Unit-II) shall be treated by desilication process followed by RO - 5,6.	System to treat Utility RO Permeate & MEE	y Effluent. Condensate is reus mended condition N	ystem followed by RO ed in cooling towers No. 7) and generated		

#### EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

		Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped receiving effluent from sister concern unit Aarti Industries Ltd (Unit-II) for treatment.
10.	RO reject of RO- 1, 2, 3, 4, 5, 6 shall be subjected to MEE - 2, 3, 4, followed by ATFD 2, 3, 4. Condensate of 123 KLD (MEE - 2, 3, 4) shall be mixed with RO permeate of 208 KLD (RO - 1, 2, 3, 4) RO permeate of 249 KLD (RO - 5, 6 ) for reuse. 210 KLD of treated water shall be reused in Unit- I and remaining 370 KLD shall be send to unit-II for reuse.	<b>Complied</b> . RO Permeate and MEE condensate is reused and Unit is maintaining ZLD. Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped sending recycled water to sister concern unit Aarti Industries Ltd (Unit-II).
11.	The unit shall provide metering facility at the inlets and outlets of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot and maintain the records of the same	Complied. Weters have been provided at the inlet and outlet of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II; PCB ID: 35534) and records were also maintained for the same. Unit is maintaining ZLD.

		for CCA 17.01.2023 dated 28. Hence fro receiving	Amendmen 3 and obtain 06.2023 to r 9m Jan-2023	t application ned CC&A Am nanage the eff 8 Aarti Industr m sister conce	ries Ltd (Unit-II) ha inward no. 2704 endment No. AW fluent within the p ies Ltd (Unit-I) has rn unit Aarti Indu	48 dated TH-126636 premises, s stopped
12.	Proper Logbooks of ETP, RO plants, MEE & ATFD operations, chemical consumptions, quantity and quality reused within premises, power generations, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot, etc. shall be maintained and furnished to the GPCB from time to time.	Log books are maintained for ETP, RO plants, MEE & ATFD operations, chemical consumptions, power generations. In addition to this, the quantity and quality of reused water within premises. Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 to manage the effluent within the premises, Hence from Jan-2023 Aarti Industries Ltd (Unit-I) has stopped				
II	ADDITIONAL CONDITIONS					
2.1	Unit shall install adequate capacity of combined STP for treatment of domestic wastewater 43 KLD (5 KLD from Unit-1 & 38 KLD from Unit-2. Treated sewage shall be utilized for gardening & plantation purposes within premises of	and Unit of domest	wastewater has installe tic water.	ed adequate ca generation fro	well within the gi pacity of STP for t om Aarti Industrie	reatment
	Unit-1 (13 KLD) & Unit-2 (30 KLD).		Domes	tic Wastewate	r Generation	
	<i>, , , , , , , , , , , , , , , , , , , </i>		Month	Total	Avg	
			Month	KL/ Month	KLD	
			Oct'24	153.71	4.96	
			Nov'24	142.43	4.75	
			Dec'24	141.38	4.56	
			Jan'25	139.72	4.51	

		,		-		_	
			Feb'25	137.63	4.92		
			Mar'25	151.16	4.88		
		Treated domestic wastewater is utilized for gardening & plantation purposes within the unit premises. Sister concern unit i.e. Aarti Industries Ltd (Unit-II) has applied for CCA Amendment application inward no. 270448 dated 17.01.2023 and obtained CC&A Amendment No. AWH-126636 dated 28.06.2023 for management of sewage in their own premises. Hence from Jan-23 Aarti Industries Ltd (Unit-I) has stopped to receive sewage from sister concern unit Aarti Industries Ltd (Unit-II) for treatment					
2.2	Unit shall provide a buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.						
		Wastewa		O PermeateTanks	MEE Condens	ate Tanks	
		Storage T Capaciti		150 KL	20 KL 50 F	IL 165 KL	
2.3	Regular performance evaluation of the combined ETP shall be undertaken every year to check its adequacy, through a reputed institute/organization & its records shall be maintained.	Regular p GPCB allo Auditor. Environm Dhanvant Environm the obser herewith with oth herewith Environm	egularly o performan otted repr nent Audi <b>tary Col</b> <b>nent Audi</b> rvations as <b>Anne</b> as <b>Anne</b> as an <b>Ann</b> nental Aud	<b>t Laboratory, Kir</b> made by the A <b>xure-6</b> & evaluat onment Manage <b>nexure-7</b> . dit for <b>FY-2024-2</b>	f the ETP, RO & categorized as was conducted gineering & T n, Surat. Unit ha auditor, which i ion of ETP adeq ment systems i 5 was conducted	MEE from Schedule 1 d by Shree echnology, s complied s enclosed uacy along s enclosed	
		N. G. P	Patel Ins	titute of Techi	nology, Bardoli.	However,	

#### Environmental Clearance Compliance Report - October 24 to March 25

#### EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

		Environment Audit Report for the said period is awaited from the Auditor.
2.4	Additional Imported Coal to the tune of 0.2 MT/hr shall be used as fuel in the existing Boilers for steam requirement for proposed Multiple Effect Evaporators.	<b>Complied</b> . Unit is using Coal as fuel in Boilers. Steam for MEE is used from Existing Boilers.
2.5	Hazardous Waste Management shall be as under :	<b>Complied</b> . Hazardous waste disposal data during Oct'24 to Mar'25 is tabulated below:

Sr.	Type of	Categ		Quantit	y	Hazardous		Status
No.	Waste	ory	Exist ing	Prop osed	Total	Waste manageme nt Disposal Facility		
1.	Empty Barrels/Co ntainers/Li ners contaminat ed with hazardous chemicals/ wastes	33.1	225 MT/ Year	00	225 MT/ Year	Collection, storage ,transporta tion & Disposal by sending it to authorised decontami nation facility/rec ycler or reuse or	Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Total Disposal         Quantity (MT)         13.990         10.800         17.930         82.640         4.280         17.220
						send back to supplier.		
2	Chemical sludge from wastewate	35.3	1200 MT/ Year ETP	2880	4080 MT/ Year ETP	Collection, storage, Treatment ,transporta	Month	Total Disposal Quantity (MT)
	r treatment plant		wast e		waste	tion & Disposal at	Oct'24 Nov'24	888.880 779.550

						()/893/2019, d		
			270	50	320	TSDF at	Dec'24	583.900
			MT/ Year		MT/ Year	BEIL	Jan'25	322.090
			MEE		MEE		Feb'25	290.970
			wast		waste		Mar'25	210.120
			е					
3	Used or	5.1	2.3	00	2.3	Collection,	i	1
	spent Oil		MT/ Year		MT/ Year	storage & reuse in	Month	Total Disposal Quantity (MT)
						plant & machineri	Oct'24	3.470
						es or sell to	Nov'24	0.000
						authorised	Dec'24	0.000
						registered recyclers	Jan'25	0.000
						recyclers	Feb'25	0.000
							Mar'25	0.000
4	Any	36.1	480	00	480	Collection,		
	Process or distillation residue		MT/ Year		MT/ Year	storage ,transporta tion &	Month	Total Disposal Quantity (MT)
	residue					Disposal at	Oct'24	316.030
						common	Nov'24	226.710
						incinerator of	Dec'24	257.150
						BEIL/SEPP	Jan'25	220.780
						L	Feb'25	216.160
							Mar'25	346.360
							The unit	
								he board and
							subsequen	tly applied for CCA nt application for
								a quantity of residue.
5	Ash from incinerator & flue gas	37.2	12.48 0 MT/	00	12.480 MT/ Year	Collection, storage, Treatment,	-	r Ash is not as Incinerator has antled and letter for

	cleaning residue		Year			transporta tion & Disposal at TSDF at BEIL	dismantlin	g of Incinerator has osed herewith as
6	Spent Carbon or filter medium	36.2	40.80 MT/ Year	00	40.80 MT/ Year	Collection, storage ,transporta tion & Disposal at common incinerator of BEIL/SEPP L	Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Total Disposal         Quantity (MT)         4.78         0.00         8.88         11.32         0.00         0.00         0.00
7	Inorganic Acids (Spent Acids)	B-15	8640 0 MT/ Year	00	86400 MT/ Year	Collection, storage ,transporta tion & Disposal through end user who has valid permissio n under Rule-9 of Hazardous & other waste (M & TBM) Rules-2016	Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Total Disposal         Quantity (MT)         5215.260         3807.330         4800.690         3332.510         3873.500         4992.430
8	Spent Catalyst	28.2	7.440 MT/ Year	00	7.440 MT/ Year	Collection, storage ,transporta	Month	Total Disposal

#### Environmental Clearance Compliance Report - October 24 to March 25

						tion & Disposal by selling to authorised recycler for Regenerati on	Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Quantity (MT)           0.000           0.000           0.000           0.000           0.000           0.000           0.000           0.000           0.000
9	Fly Ash	Z-Z14	7560 MT/ Year	00	7560 MT/ Year	Collection, storage ,transporta tion & Disposal by selling to Brick manufactu rer & Cement Industry	Month Oct'24 Nov'24 Dec'24 Jan'25 Feb'25 Mar'25	Total Disposal         Quantity (MT)         720.010         640.360         870.220         846.230         500.610         529.810

#### EC Amendment : SEIAA/GUJ/EC/5(f)/893/2019, dated 19.06.2019

Annexure-1



**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) CCA NO: AWH-119699

#### NO: GPCB/ANK/CCA-142(12)/ID-14855/

DT:\_\_\_/09/2022

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

And whereas Board has received consolidated application dated **27/04/2022** and inward no. **213886** for the consolidated consent and authorization **(CC & A)** of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

#### CONSOLIDATED CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid Environmental Acts)

To:

M/s. AARTI INDUSTRIES LTD., PLOT NO: 758/1-2-3, GIDC ESTATE JHAGADIA, DIST-BHARUCH.

- 1. Consent Order No.: AWH-119699 date of Issue 29/06/2022.
- 2. The consent under Water Act –1974, Air Act 1981 and Authorization under Environment (Protection) Act, 1986 shall be valid up to 07/06/2029 to operate industrial plant to manufacture following products:

Sr. No.	Products	Quantity (MT/Month)
1	Group-C DIETHYL SULPHATE	100
10° 6 8 2 8 2 8 1 1 2 1 2	Group-A MONO NITRO DERIVATIVES OF BENZENE & CHLORO BENZENE PARA NITRO CHLORO BENZENE OR ORTHO NITRO CHLORO BENZENE OR ORTHO/PARA/META-NITRO CUMENE OR NITRO BENZENE OR 2,5 DICHLORO NITRO BENZENE OR 3,4 DICHLORO NITRO BENZENE OR ORTHO NITRO TOLUENE OR META NITRO TOLUENE OR PARA NITRO TOLUENE OR META NITRO CHLORO BENZENE OR 2,4 DI CHLORO NITRO BENZENE	6000

[	GROUP-B DINITRO DERIVATIVES OF BENZENE &				
	MCB				
3	DI NITRO BENZENE OR	3000			
	DI NITRO CHLORO BENZENES				
<u> </u>	GROUP-D	<u> </u>			
	META CHLORO ANILINE OR				
	PARA CHLORO ANILINE OR				
	3,4 DICHLORO ANILINE OR				
	2,3 DICHLORO ANILINE OR				
	2,5 DICHLOROANILINE OR				
	META PHENYLENE DIAMINE OR				
4	PARA PHENYLENE DIAMINE OR				
	ORTHO PHENYLENE DIAMINE OR				
	ORTHO ANISIDINE OR PARA ANISIDINE OR CHLORO				
	FLUORO ANILINE OR				
	PARA CUMIDINE OR PARA AMINO PHENOL OR META				
	AMINO PHENOL OR TOLUIDINES OR ORTHO CHLORO				
	ANILINE OR	5000			
	2,4 DICHLORO ANILINE	(Total production of			
	GROUP-D	Sr. No. 4 &5 shall			
	2,6 DICHLOROANILINE OR	not exceed)			
	3,5 DICHLOROANILINE OR	not exceedy			
l	MIXTURE OF 2,4/2,5 DCA OR				
	MIXTURE OF 2,5/2,6 DCA OR				
	MIXTURE OF 2,4/2,5/2,6 DCA OR				
	ORTHO CUMIDINE OR				
5	META CUMIDINE OR META ANISIDINE OR 2,4,5				
	TRICHLORO ANILINE OR ANILINE OR PARA FLORO				
	ANILINE OR				
	META FLORO ANILINE OR				
	ORTHO FLORO ANILINE OR				
	DI FLORO BENZENE OR				
	4-FLORO-N ISOPROPYLANILINE OR				
	OTHER REDUCTION PRODUCT				
	GROUP-E				
6	ONLY PHYSICAL SEPARATION ORTHO/PARA/META	450			
	CHLORO TOLUENE	150			
	GROUP-F	· · · · · · · · · · · · · · · · · · ·			
7	ONLY PHYSICAL SEPARATION OF 2,3 DCNB, 3,4 DCNB	550			
8 0	CO-GENERATION POWER PLANT	4.50 MWH			
0,1		1.00 1.1111			

### Specific conditions:

a) Unit shall comply with all the conditions stipulated by SEIAA in the order of Environment Clearance issued vide letter no. SEIAA/GUJ/EC/5(f)/893/2019, dated: 19/06/2019.
 b) Both units (PCB ID: 14855(Plot No.758/1-2-3) & PCB ID: 35534 (Plot No. 756/4A,B/5A,B/6/7 & 779) shall maintain ZLD.

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- c) Unit shall use fresh raw material only.
- d) 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.
- e) 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.
- f) 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.
- g) Unit shall strictly follow the Solid Fuel guideline framed by Board and shall install APCM as per guideline.
- h) Unit shall follow coal handling guideline framed by Board and provide close ash handling facility.
- i) Unit shall strictly follow the Fly Ash Notification for disposal of generated ash.
- j) 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.
- k) Unit shall provide fixed pipeline system to transfer the effluent from Unit-II to Unit-I for treatment & shall also provide metering system in order to keep the records of the effluent being transferred & treated in the Common/Combined ETP. Unit shall also provide storage tanks for collecting the permeate/condensate from RO/MEE for recycle purpose.
- Domestic w/w of Unit-I (ID:14855) 5 KLD & Unit-II (ID:35534) 38 KLD i.e. total 43 KLD shall be treated in common STP.
- m) Treated domestic w/w 13 KLD (in Unit-I) and 30 KLD (in Unit-II) shall be used for gardening & Plantation within premises.
- n) Industrial w/w of Unit-I(ID: 14855) 216 KLD and of Unit-II (ID: 35534) 140.84 KLD shall be treated in combined ETP at Unit-I (ID: 14855).
- o) Unit shall provide buffer water storage tank as adequate capacity for storage of treated w/w during rainy days.
- p) In case of non-compliance in performance of combined ETP & any breach of conditions for combined ETP both the units (ID: 14855 & 35534) will be responsible.
- q) Unit shall provide flow meter at inlet and outlet of ZLD system and maintain daily record of the same

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

- 3.1 The quantity of total water consumption shall not exceed **1118 KL/Day** as per below break up as mentioned in form D submitted for consent application under Water Act-1974.
  - a) Domestic: 25 KL/Day
  - b) Industrial: 1093 KL/Day

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

- 3.2 The quantity of total waste water generation shall not exceed **436.84 KL/Day** as per below break up as mentioned in form D submitted for consent application under Water Act- 1974.
  - a) Domestic: 43 KL/Day
  - b) Industrial: 393.84 KL/Day
- 3.3 Mode of disposal of wastewater:
  - a) Total 43 KLD domestic w/w will be treated in STP to conform the following standards and treated w/w will be utilized (13 KLD in unit-1 and 30 KLD in unit-2) for gardening/plantation purpose.

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT		
1	Biochemical Oxygen Demand, BOD <sub>3</sub> , 27 <sup>o</sup> C	20 mg/L		
2	Total Suspended Solids (TSS)	30 mg/L		
3	Total Residual Chlorine	Minimum 0.5 ppm		

- b) Out of total 393.84 KLD effluent, 66 KLD (concentrate stream) will be segregated and will be treated (Fenton Treatment) and will disposed through MEE-1 followed by ATFD-1. MEE condensate (64 KLD) shall be passed through ETP & RO.
- c) Out of remaining 327.84 KLD effluent, 128.84 KLD (dilute stream) shall be treated in primary, secondary and treatment plant followed by RO.
- d) Remain 174 KLD (utility effluent) and 25 KLD (boiler blowdown) shall be treated separately to remove silica them mix with remain utility stream followed by RO.
- e) Reject of RO (99 KLD) shall be passed through MEE followed by ATFD.
- f) Out of total 383 KLD [RO permeate (292 KLD) and MEE condensate (91 LD)], 210 KLD will be utilized in cooling tower of unit-1 and remaining 173 KLD shall be utilized in cooling tower of unit-2 thereby achieving ZLD.
- g) Treated w/w from combined ETP shall be reused in cooling tower as follows:
  - Unit-I (ID:14855) : 210 KLD
  - Unit-II (ID:35534) : 173 KLD
- 3.4 Unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.
- 3.5 The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.
- 3.6 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent.
- 3.7 In case of incinerators, the flow measuring devices for mother liquor/toxic effluent/ Non-biodegradable effluent, light diesel etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.
  - 3 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory



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authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issued. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.

- 3.9 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30<sup>th</sup> June every year.
- 3.10 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

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

#### 4.1 The following shall be used as fuel:

Sr. No.	Name of fuel	Quantity				
1	COAL/ Lignite / Bio mass	Coal /Lignite (70 30) 22 MT/hr.				
2	HSD	880 Lit/hr.				

#### 4.1.1 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Capacity	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible limit	
1	IBR water tube Boiler	30 TPH	40	ESP			
2	Steam Boiler	17 TPH	40	ESP + multi cyclone	PM	150	
3	DG Sets-4 nos.	1010 KVA each	11		SO2 NOX	mg/Nm3 100 ppm 50ppm	
4	Thermopack	20 Lac KCal/Hr	30	Bag filter		Sobbin	
5	Boiler	50 TPH	40	ESP	<u> </u>		

\* Existing FO Based Boiler (10 TPH) shall be dismantled.

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

	Stack No.	Stack attached to	Stack Height in Meter (From G.L.)	Air Pollution Control Measure (APCM)	Parameter	Permissible limit
and to be	1.	Nitration plant	12	Sulfuric acid scrubber followed by caustic scrubber	NOx	25 mg/Nm3

4.3 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

		Permissible Limit (microgram /m <sup>3</sup> )					
Sr. No.	Parameters	Annual	24 Hours Average				
1	Particulate Matter (PM <sub>10</sub> )	60	100				
2	Particulate Matter (PM <sub>2.5</sub> )	40	60				
2.	Oxides of Sulphur $(SO_x)$	50	80				
3.	Oxides of Nitrogen $(NO_x)$	40	80				
4.	Oxides of Millogen (NOx)						

- 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.
- 4.4 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.
- 4.5 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.
- 4.6 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4.7 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- 4.8 All efforts shall be made to control VOC emissions and odor problem, if any.

#### 5 GENERAL CONDITIONS: -

- 5.1 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.
- 5.2 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 5.3 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of DGVCL.



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- **AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES** 6. Form-2 (See rule 6(2)).
- Number of authorization: AWH-119699 date of Issue 29/06/2022. 6.1
- M/s. AARTI INDUSTRIES LTD. is hereby granted an authorization to operate facility for 6.2 following hazardous wastes on the premises situated at PLOT NO: 758/1-2-3, GIDC ESTATE JHAGADIA, DIST: BHARUCH.

	Sr. No.	Name of Haz. Waste	Category Number	Quantity in MT/Year	Facility
	1	Empty barrels/ containers/ liners contaminated with hazardous chemicals/ wastes	33.1	225	Collection, storage, transportation and disposal by send it to authorized decontamination facility/ recycler or reuse or send back to supplier.
2	2	Chemical sludge from waste water treatment	35.3	2480 (ETP waste) 320 (MEE waste)	Collection, storage, treatment, transportation and dispose at TSDF at BEIL.
	3	Used or Spent oil	5.1	2.3	Collection, storage, reuse in plant and machineries or sell to authorized registered recyclers.
	4	Any process or distillation residue	36.1	480	Collection, storage, transportation and dispose at common incinerator of BEIL/SEPPL.
	5	Ash from incinerator and flue gas cleaning residue	37.2	12.48	Collection, storage, transportation and dispose at TSDF at BEIL.
	6	Spent carbon or filter medium	36.2	40.8	Collection, storage, transportation and dispose at common incinerator of BEIL/SEPPL.
	7	Inorganic acids (spent acids)	B15	86400	Collection, storage, transportation and disposed through end user who has valid permission under Rule-9 of hazardous and other waste rules-2016 after making MoU.
°°°,	8	Spent catalyst	28.2	7.44	Collection, storage, transportation and disposal by selling to authorized recycler for regeneration.
Outonate the 682	9	Fly ash	Z14	7560	Collection, storage, transportation and disposal by selling or Brick
012		Clean Gujar		-	

manufacture or cement
industry.

- 6.3 The authorization is granted to operate a facility as above.
- 6.4 The authorization shall be in force for a period **up to 07/06/2029**.
- 6.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

#### 7. TERMS AND CONDITIONS OF AUTHORISATION:

- 7.1 The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 7.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.
- 7.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 7.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 7.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 7.6 The person authorised shall comply with the provisions outlined in the Central Pollution
   Control Board guidelines on "Implementing Liabilities for Environmental Damages due
   to Handling and Disposal of Hazardous Waste and Penalty"
- 7.7 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- 7.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 7.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 7.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any
- 7.12 An application for the renewal of an authorization shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016.
- 7.13 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 7.14 Annual return shall be filed by June 30<sup>th</sup> for the period ensuring 31<sup>st</sup> March of the year.
- 7.15 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14<sup>th</sup> October 2003.
- 7.16 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.



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7.17 Unit shall have to manage used or spent oil; empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986 and shall apply Authorization for all applicable waste.

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

Imerl.

(Arun G. Patel) ENVIRONMENT ENGINEER





PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

Bv R.P.A.D.

#### CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A – Amendment) CCA AMENDMENT NO: H-119700

#### NO: GPCB/ANK/CCA-142(12)/ID-14855/

DT:\_\_\_/09/2022

To, M/s. AARTI INDUSTRIES LTD., PLOT NO: 758/1-2-3, GIDC ESTATE JHAGADIA, DIST-BHARUCH.

- **SUB:** Amendment in Consolidated Consent & Authorization (CC&A) under various Environmental Acts/ Rules.
- REF: (1) Your application No. 204968 dated 24/11/2021.
  (2) CCA No. AWH 119699 dated: 09/09/2022. (CCA Renewal)

Sir,

GPCB

This has reference to the CCA order No: **AWH-119699**, **issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662**, **dated 09/09/2022** under the provisions of the various Environmental Act/ Rules, which stands amended as under.

#### The Validity of this order will be up to 07/06/2029.

#### **1.** There shall be no change in production quantity/capacity.

#### 2. Specific conditions:

- a) Unit shall comply with all the conditions stipulated by SEIAA in the order of Environment Clearance issued vide letter no. SEIAA/GUJ/EC/5(f)/893/2019, dated: 19/06/2019.
- b) Unit shall maintain ZLD.
- c) Unit shall use fresh raw material only.
- d) 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.
- e) All the efforts shall be made to send hazardous waste to cement industry for Co- processing first & there after it shall be disposed through other option.
- f) 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.
- g) Unit shall strictly follow the Fly Ash Notification for disposal of generated ash.

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

3.1 There shall be no change in water consumption, wastewater generation and their mode of disposal from proposed changes.

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

- 4.1 There shall be no change in fuel consumption & flue gas emission from proposed changes.
- $4.2^{\circ}$  There shall be no change in process gas emission from proposed changes.

### 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-119699, issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662, dated 09/09/2022 is amended and shall now be read as under.

Sr.	Name of Haz.	Cate.	Quan	tity in MT	Facility	
No.	Waste	Num	Exi.	Pro.	Total	
1	Empty barrels/ containers/ liners contaminated with hazardous chemicals / wastes	33.1	225		225	Collection, Storage, Transportation, Disposal by sending it to an authorized decontamination facility/ recycler or reuse after decontamination or send back to the supplier or disposal at TSDF or Pre-Processing or Co-Processing at cement industry
	Chemical Sludge from		2480 (ETP waste)		2480 (ETP waste)	Collection, Storage, Transportation, disposal to common
2	wastewater Treatment	35.3	320 (MEE waste)		320 (MEE waste)	TSDF or Pre-Processing or Co-Processing at cement industry
3	Used or Spent Oil	5.1	2.3		2.3	Collection, Storage, reuse in plant & machinery or sell to authorized register recyclers.
4	Any Process or Distillation Residue	36.1	480		480	Collection, Storage, Transportation, disposal by CHWIF or Pre-Processing or Co- Processing at cement industry
5	Ash from incineration and flue gas cleaning residue	37.2	12.48		12.48	Collection, storage, transportation & disposal at common TSDF.
6 () () () () () () () () () () () () ()	Spent carbon or filter medium	36.2	40.80		40.80	Collection, storage, transportation & disposal at CHWIF or Pre-Processing or Co- Processing at cement industry

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7	Inorganic Acids (Spent Acids)	B15/ 26.3	86400		86400	Collection, Storage, Transportation, Disposed through end user who has valid permission under Rule- 9 of Hazardous and Other Waste (M&TBM) Rules-2016 or Co Processing or as per CPCB SOPs which are released under Rule-9
8	Spent Catalyst	28.2	7.44		7.44	Collection, storage, transportation & disposal by selling to authorized recyclers for regeneration
9	Fly Ash	Z14	7560		7560	Collection, Storage, Transportation, Sold to Brick Manufacturer or other use i.e road construction or Co- Processing at cement industry
10	Insulation waste/ Thermocol	<b>S1</b>		80	80	Collection, storage, Transportation, disposal to co.mmon TSDF
11	PPE's Waste	33.2		100	100	Collection, Storage, Transportation disposa to common TSDF.
12	Battery waste			1500 Nos.	1500 Nos.	Collection, Storage, Transportation, Disposal by selling to authorized recyclers or send back to suppliers (Buyback)
13	Glass Waste	<b>S</b> 7		10	10	Collection, Storage, Transportation, disposal /sold to scrap processors/Recyclers.
14	Cotton waste	33.2		25	25	Collection, Storage, Transportation disposa at TSDF Site or Pre- Processing or Co- Processing at cement industry.
15	Asbestos waste	15.2		100	100	Collection, Storage, Transportation disposa at TSDF Site.
16	Paper, paperboard and paper	B3		200	200	Collection, Storage, Transportation & disposal at TSDF



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Clean Gujarat Green Gujarat Website : https://gpcb.gujarat.gov.in

 product	Site/Incineration or
wastes	Pre-Processing or Co-
Mustos	Processing at cement
	industry in case of
	contamination Or Sell
	out to Paper recyclers
	after shredding in case
	of Non contamination.

6 All other conditions of the CCA order No: **AWH-119699**, **issued vide letter no. GPCB/ANK/CCA-142(12)/ID-14855682662**, dated 09/09/2022 will remain same.

> For and on behalf of GUJARAT POLLUTION CONTROL BOARD

durs.

(Arun G. Patel) ENVIRONMENT ENGINEER



				Frankli	No. 8, Near Pe	-			co	NSUMER COP
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Bill No	758/1,2,1 10/Oct/2				Property 758/1.2.3					
Bill Date	12-Nov-				Bill No		10\Oct 24			
Connection	12				Bill Date		12-Nov-2	4		
Payable Bet	ore 27 Man	24	1,868,29	4.50	Connecti Payable		12			
Payable Afte	# 27-Nov-		1,891,64		Payable		27-Nov-2			1,868,294.
Payment Me	de :	Chot	D.D. / Cash		Payment		27-Nov-2	4	-	1.891.647.0
Amount In Words Rs	Egricon (m	the Bart Eight Theseast			Amount	MANA :	-		Chq/D.D.	/ Cash
Receipt Dat		The same same same same	The Automative Minut		in Words	Rs.	Equine Lai	any Eg	Theorem Two is	Londrest Minuty
Cho/D.D. N			-		Receipt					
Bank		Cho	D.D.CI:		Cho/D D			Ch	D.D.Dt:	
Branch					Bank					
Contact No.					Branch					
			17.00		Contact	NO.				
2) Use of a notice of 3) The Eff	harges shall have to basing ACCOUNT   herges If not paid wit water beyond GPCB and the same will be active Water Rate negement of water ( No. +91-78000567	Consent is an offen immated to GPCB	of phyment, we an on I found, the on Rhant I quantity of In Ro. 53 90 Pe	ned the tria Mer supply - considered a r KL + CS	need (12% per annu eff be deconnacted e not true * R Fund Rs 1.10	- Ra. 55 (	li miarasi (2%) Nar	P# 875	•	



#### NOTIFIED AREA AUTHORITY GIDC JHAGADIA Office of the Cheif Officer NAA, GIDC, JHAGADIA

Plot No. 40, Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

Dect. M				WATE	R BILL				
Party Name : Address :	M/s. Aarti Indust 758/1,2,3	ries Limited				Plot No. 7 Conn Giver			
Category Bill No.	INDUSTRIAL 10\Nov\24		Size (M.M Bill Month		00 ov-24	Cor	nn No.	0.00 12 10-Dec-24	
Your Account S	ummary :-					Las	t Date :-	25 Deed	24
Total Outstar	nding Amount	Tota	I Interest		This Mo	onth Charges		25-Dec-2 Total Am	24 nount Payable
0.0			0.00		181	1590.00 '			811590
Last Bill Pay Ar		295.00	0.0	00	Last Bill Pay	Date :- 26-Nov	/-24		
	g ng	0.00	55 1811590	695 757 938 5.00 0.00	Outstandin Interest Rs Penal Inter This Month Gross Amo	rest Rs n Charges	e)		0.00 0.00 1811590.00 1811589.75 <b>1811590.00</b>
Fix Charges/Mir				0.00		Amount Paya	ble After L	ast Date	
Penalty Annexure Amt This Month's Ch			0	00 00 00	Interest Rs Penal Inter Gross Amo Net Amoun	est Rs			18115.90 4528.97 1834234.62 1834235.00
Payment			P	ayment D	etails		heif Office		
Payment Mo	de Amoun	t	Date	Chequ	e/D.D. No.	Date	Banl		Branch

	Bank Copy		Water Supply JHG NA Copy
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount in Words Rs. Receipt Date	M/s. Aarti Industries Limited 758/1,2,3 10\Nov\24 10-Dec-24 12 25-Dec-24 1,811,589,75 25-Dec-24 1,834,234,62 Chq/D D. / Cash Eighteen Lakh Eleven Thousand Five Hundred Ninety	Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount in Words Rs. Receipt Date	M/s. Aarti Industries Limited 758/1,2,3 10\Nov\24 10-Dec-24 12 25-Dec-24 1,811,589.7 25-Dec-24 1,834,234.6 Chq/D.D. / Cash Eighteen Lakh Eleven Thousand Five Hundred Ninety
Chq/D.D. No.	Chq/D.D. Dt :	Chq/D.D. No.	Chq/D.D. Dt :
Bank		Bank	
Branch		Branch	
Contact No.		Contact No.	

#### Note :

1) Water charges shall have to be paid in favour of "WATER SUPPLY JHAGADIA NOTIFIED AREA" at Bank of Baroda - GIDC Jhagadia, Branch bearing ACCOUNT NO. 56070200000107 RTGS IFSC CODE: BARB0JHABHA, Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal interest (3% per annum)

2) Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Rivert if quantity considered is not true. \*

3) The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs.1.10 = Rs. 55.00

4) The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91-7600059722/23/24/25 & 7600059721; 97277 31065 <u>OR</u> email: sachinwatersupply@gmail.com



#### NOTIFIED AREA AUTHORITY GIDC JHAGADIA Office of the Chait Officer NAA, GIDC, JHAGADIA Piol No. 40, Road No. 6, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

Jiess : 758/1,2,3	rti Industries Limited		TER BILL		•
atooo would	3			Plot No. 758/1,2	
	RIAL	Stre (M.M.)		Conn Given Qiy	0.00
III No. 10\Dec\2	:4	BIII Month	100	Conn No.	
ur Account Summary			Dec-24	Bill Date	10-Jan-25
Total Outstanding Amo	International International Internation			Last Date	- 25-Jan-25
	Tol	tal Interest	This Mor	th Charges	Total Amount Payable
0.00		0.00		210.00	1904210
ast Bill Pay Amount :-	1811590.00	0.00	Last Bill Pay		
hi Month's Charges :-	NATION CONTRACTORS AND ADDRESS	Contraction of the second second second	· · · · ·		
eter Status		<b>N</b> -000		int Detaila ; -	
urrent Reading		Normal 808317	Outstanding	1	0.00
evious Reading		773695	Interest Rs		0.0
onsumption	0.00		Penal Intere This Month		0.0
ate / 1000 Ltr.		55.00	Gross Amo	unt	1904210.0 1904210.0
ormal Water Usage Ch	argest) 0.00	1904210.00		t (Before Last Date)	1904210.00
xcoss Water Usage Ch	argesD	0.00			
tx Charges/Minimum		0.00	Interest Rs	Amount Payable A	
enalty		0.00	Penal Interest	at De	19042.10
nnexure Amt.		0.00	Gross Amo		4760.52 1928012.62
his Month's Charges :		1904210.00		t After Last Date	1928012.0
		5 D. 800 C			
Daving and the last		Paym	ent Details		Officer .Ç., Jhagadla
Payment Mode	Amount	Date C	heque/D.D. No.	Date	Bank Branch
					1
Deate M	Bank Copy			Water Supply JH	G NA Copy
	s. Aarti Industries Limi	ted	Party Name		
	B/1,2,3		Property	758/1,2,3	
	Dec\24		Bill No	10\Dec\24	
0	Jan-25		Bill Date	10-Jan-25	
14	Jan-25	1 004 040 00	Connection Bruchle Be	14	
D 11 40	Jan-25	1,904,210.00 1,928,012.62	Payable Be Payable Af		1,904,210.0
Payment Mode ;		.D. / Cash			1,928,012.6
Amount	01140.	0.70331	Payment M Amount		Chq/D.D. / Cash
In Words Rs.	teen Levi Four Thousand Two F	lundred Ten	in Words R	Nineteen Lath Four T	housand Two Hundred Ten
Receipt Date					
Chq/D.D. No.	Cho/D	D. Dt :	Receipt Da		
Bank			Chq/D.D. N	io. C	hq/D.D.Dt:
Branch			Bank		5 m 5 m 5 m 5
Contact No.			Branch Contact No		and an
Contact No.			Contact No		

Address : Category	M/s. Aarti Industrie 758/1,2,3 INDUSTRIAL 10\Jan\25		W	ATER BILL	11			
Address : Category I Bill No. Your Account Sur Total Outstand	758/1,2,3 INDUSTRIAL 10\Jan\25					14 2 2		
Bill No. Your Account Sur Total Outstand	10\Jan\25				Plot No. 758 Conn Given C		0.00	
Your Account Sur Total Outstand			(14 14)	100	Conn Given C			
Total Outstand			e (M.M.) Month	100		40 5	eb-25	
Total Outstand	mman			Jan-25	Bill Da			
	the second se				Last D		-Feb-25	
		Total Intere	est	This Mont	h Charges	10	tal Amount Payabl	
		0.00		18914	50.00		1891450	
Last Bill Pay Ame	ount :- 190421	0.00	0.00	Last Bill Pay D	ate :- 21-Jan-2	5		
Thi Month's Cha	irges :-			Your Accour	nt Details : -			
Meter Status			Normal	Outstanding			0.0	
Current Reading			842707	Interest Rs			0.0	
Previous Reading			808317	Penal Interes			0.	
Consumption Rate / 1000 Ltr.		0.00	34390	This Month C			1891450.	
Normal Water Us		0.00	55.00	Gross Amour			1891450.	
Excess Water Us		0.00 189	91450.00	Net Amount	(Before Last Date)		1891450.0	
			0.00		Amount Payable	e After Last		
Fix Charges/Mini Penalty	imum		0.00	Interest Rs			18914.5	
Annexure Amt.			0.00 Penal Interest Rs			4728.6		
This Month's Cha	arges :	400	0.00 Gross Amount				1915093.1 1915093.0	
		189	91450.00 Payme			officer		
Payment Mod	ie Amount	Date	Payme	Net Amount /	Che	elf Officer I.D.C., Jhag Bank		
	Bank Cop	Date	Payme	Net Amount /	Che NAA, G.I	I.D.C., Jhag Bank	adia Branch	
Party Name	Bank Cop M/s. Aarti Industr	Date	Payme	Net Amount /	Che NAA, G. Date	I.D.C., Jhag Bank JHG NA Cop	adia Branch	
Party Name Property	Bank Cop M/s. Aarti Industr 758/1,2,3	Date	Payme	Net Amount / eque/D.D. No. Party Name Property	Che NAA, G. Date Water Supply J M/s. Aarti Inc 758/1,2,3	I.D.C., Jhag Bank JHG NA Cop	adia Branch	
Party Name Property Bill No	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25	Date	Payme	Party Name Property Bill No	Che NAA, G.I Date Water Supply J M/s. Aarti Ind 758/1,2,3 10\Jan\25	I.D.C., Jhag Bank JHG NA Cop	adia Branch	
Party Name Property	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25	Date	Payme	Party Name Property Bill No Bill Date	Che NAA, G.I Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25	I.D.C., Jhag Bank JHG NA Cop	adia Branch	
Party Name Property Bill No Bill Date	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25	Date y ies Limited	Payme Ch	Party Name Property Bill No	Che NAA, G.I Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25 12	I.D.C., Jhag Bank JHG NA Cop	adia Branch Dy ited	
Party Name Property Bill No Bill Date Connection	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12	Date y ies Limited 1,891	Payme	Party Name Property Bill No Bill Date Connection	Che NAA, G.I Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25 12 7e 27-Feb-25	I.D.C., Jhag Bank JHG NA Cop	adia Branch by Ited 1,891,450.0	
Party Name Property Bill No Bill Date Connection Payable Before Payable After	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25	Date y ies Limited 1,891	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After	Che NAA, G.I Date Water Supply . M/s. Aarti Ino 758/1,2,3 10\Jan\25 12-Feb-25 12 7e 27-Feb-25 27-Feb-25	I.D.C., Jhag Bank JHG NA Cop Justries Limi	adia Branch by Ited 1,891,450.0	
Party Name Property Bill No Bill Date Connection Payable Before Payable After	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After	Che NAA, G. Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25 12 Te 27-Feb-25 27-Feb-25 12 Fe 25	I.D.C., Jhag Bank JHG NA Cop Justries Limi Chq/E	adia Branch by tted 1,891,450.0 1,915,093.1 D.D. / Cash	
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode :	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After Payment Mod	Che NAA, G. Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25 12 Te 27-Feb-25 27-Feb-25 12 Fe 25	I.D.C., Jhag Bank JHG NA Cop Justries Limi Chq/E	adia Branch by ited 1,891,450.0 1,915,093.1	
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After Payment Mod Amount	Che NAA, G. Date Water Supply . M/s. Aarti Ind 758/1,2,3 10\Jan\25 12-Feb-25 12 Te 27-Feb-25 27-Feb-25 12 Fe 25	I.D.C., Jhag Bank JHG NA Cop Justries Limi Chq/E	adia Branch by tted 1,891,450.0 1,915,093.1 D.D. / Cash	
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount in Words Rs.	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After Payment Mod Amount in Words Rs.	Che NAA, G. Date Water Supply . M/s. Aarti Inc 758/1,2,3 10\Jan\25 12-Feb-25 12 7e 27-Feb-25 27-Feb-25 27-Feb-25 le :	I.D.C., Jhag Bank JHG NA Cop Justries Limi Chq/E	adia Branch Dy ited 1,891,450.0 1,915,093.1 D.D. / Cash IFour Hundred Fifty	
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount in Words Rs. Receipt Date	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash Thousand Four Hundred	Payme Ch 1,450.00 5,093.13	Net Amount / eque/D.D. No. Party Name Property Bill No Bill Date Connection Payable Befor Payable After Payment Mod Amount in Words Rs. Receipt Date	Che NAA, G. Date Water Supply . M/s. Aarti Inc 758/1,2,3 10\Jan\25 12-Feb-25 12 7e 27-Feb-25 27-Feb-25 27-Feb-25 le :	I.D.C., Jhag Bank JHG NA Cop Justries Limi Uustries Limi Chq/E	adia Branch Dy ited 1,891,450.0 1,915,093.1 D.D. / Cash IFour Hundred Fifty	
Party Name Property Bill No Bill Date Connection Payable Before Payable After Payment Mode : Amount in Words Rs. Receipt Date Chq/D.D. No.	Bank Cop M/s. Aarti Industr 758/1,2,3 10\Jan\25 12-Feb-25 12 27-Feb-25 27-Feb-25 27-Feb-25	Date y ies Limited 1,891 1,915 Chq/D.D. / Cash Thousand Four Hundred	Payme Ch 1,450.00 5,093.13	Net Amount / Party Name Property Bill No Bill Date Connection Payable Befor Payable After Payment Mod Amount in Words Rs. Receipt Date Chq/D.D. No.	Che NAA, G. Date Water Supply . M/s. Aarti Inc 758/1,2,3 10\Jan\25 12-Feb-25 12 7e 27-Feb-25 27-Feb-25 27-Feb-25 le :	I.D.C., Jhag Bank JHG NA Cop Justries Limi Uustries Limi Chq/E	adia Branch Dy ited 1,891,450.0 1,915,093.1 D.D. / Cash IFour Hundred Fifty	



# NOTIFIED AREA AUTHORITY GIDC JHAGADIA Office of the Chelf Officer NAA, GIDC, JHAGADIA

Plot No. 40 , Road No. 8, Near Pepsico Co. GIDC Jhagadia

CONSUMER COPY

Plot No. 758/1,2,3 Conn Given Qty 0.00 Conn No. 12 5 Bill Date 07-Mar-25 Last Date :- 22-Mar-25 This Month Charges 1718420.00 Total Amount Payab 1718420 st Bill Pay Date :- 25-Feb-25 Your Account Details : - Dutstanding 0. Interest Rs 0 Penal Interest Rs 0 T18420 T18420 T18420 T18420 T18420
Conn No.       12         5       Bill Date       07-Mar-25         Last Date       22-Mar-25         This Month Charges       Total Amount Payab         1718420.00       1718420         st Bill Pay Date       25-Feb-25         Your Account Details : -       20         Dutstanding       0         nterest Rs       0         Yenal Interest Rs       0         This Month Charges       1718420         Stoss Amount       1718420         Iet Amount (Before Last Date)       1718420
5     Bill Date     07-Mar-25       Last Date :- 22-Mar-25       This Month Charges     Total Amount Payab       1718420.00     1718420       st Bill Pay Date :- 25-Feb-25     1718420       Your Account Details : -       Dutstanding     0       nterest Rs     0       Penal Interest Rs     0       Stross Amount     1718420       Interest Rs     1718420       Amount (Before Last Date)     1718420       Amount Payable After Last Date     1718420
Last Date :-       22-Mar-25         This Month Charges       Total Amount Payab         1718420.00       1718420         st Bill Pay Date :-       25-Feb-25         Your Account Details : -       0.         Dutstanding       0.         nterest Rs       0         Penal Interest Rs       0         This Month Charges       1718420         Stoss Amount       1718420         Idet Amount (Before Last Date)       1718420         Amount Payable After Last Date       1718420
This Month Charges       Total Amount Payab         1718420.00       1718420         st Bill Pay Date :-       25-Feb-25         Your Account Details : -       0         Dutstanding       0         nterest Rs       0         Penal Interest Rs       0         This Month Charges       1718420         Gross Amount       1718420         Idet Amount (Before Last Date)       1718420         Amount Payable After Last Date       0
1718420.00       1718420         st Bill Pay Date :-       25-Feb-25         /our Account Details : -       0         Dutstanding       0.         nterest Rs       0         Penal Interest Rs       0         This Month Charges       1718420         Gross Amount       1718420         Iet Amount (Before Last Date)       1718420         Amount Payable After Last Date       0
st Bill Pay Date :- 25-Feb-25 Your Account Details : - Dutstanding 0. Interest Rs 0. Penal Interest Rs 1718420 This Month Charges 1718420 Sross Amount (Before Last Date) 1718420 Amount Payable After Last Date
Your Account Details : - Dutstanding 0. Interest Rs 0. Penal Interest Rs 0. Pris Month Charges 1718420 Bross Amount (Before Last Date) 1718420 Amount Payable After Last Date
Dutstanding       0.         Interest Rs       0.         Penal Interest Rs       0.         Pris Month Charges       1718420         Gross Amount       1718420         Iet Amount (Before Last Date)       1718420         Amount Payable After Last Date       1718420
nterest Rs 0 Penal Interest Rs 0 Phis Month Charges 1718420 Sross Amount (Before Last Date) 1718420 Amount (Before Last Date) 1718420
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his Month Charges 17/16420 Sross Amount 17/18420 Iet Amount (Before Last Date) 17/18420 Amount Payable After Last Date
Gross Amount 7710420 Iet Amount (Before Last Date) 1718420 Amount Payable After Last Date
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Amount Payable After Last Date
nterest Rs 17184
enal Interest Rs 4296 1739900
Pross Amount 1739900
let Amount After Last Date
Cheif Officer
NAA, G.I.D.C., Jhagadia
), No. Date Bain
Water Supply JHG NA Copy
arty Name M/s. Aarti Industries Limited
roperty 758/1,2,3
ill No 10\Feb\25
ill Date 07-Mar-25
onnection 12 avable Before 22.Mar.25 1,718,420
ayabia boloro 22-mai-20
ayable Alter 22-Wal-25 Cha/D D / Cash
aymant mode :
MOUNT Seventeen Lakh Eighteen Thousand Four Hundred Twenty
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eceipt Date
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OK Dr. Joursand

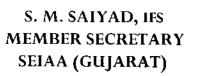
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No to			Office of	the Ch	AUTHORITY elf Officer NAA, ( No. 8, Near Pepsi	GIDC, JHAGAD	AIC		NSUMER COP	
				WAT	TER BILL					
Party Name :	M/s. Aarti Industrie	as Limited				Plot No.	758/1,2,3	}		
Address :	758/1,2,3					Conn Gh	ven Qty	0.00		
Category	INDUSTRIAL		Size (M.N	1.)	100	(	Conn No.	12		
Bill No.	10\Mar\25		Bill Month	<i>.</i>	Mar-25	F	Bill Date	08-Apr-25		
							ast Date :	- 23-Apr-2	25	
Your Account S		Tota	al Interest		This Mo	nth Charges			nount Payable	
Total Outsta	nding Amount	100				488850				
0.0	0.00		0.00		1488850.00 Last Bill Pay Date :- 1		I	1.	100000	
Last Bill Pay A	mount :- 17184	20.00	0.0	0	Last Bill Pay	Date 18-	Mar-25			
Thi Month's C	harges :-				Your Acco	unt Details : -				
Meter Status			Non	mal	Outstanding	g			0.00	
	Current Reading			021	Interest Rs	i i			0.00	
	Previous Reading		873951		Penal Interest Rs			0.00		
Consumption		0.00		070	This Month	Charges			1488850.0	
Rate / 1000 Lt	r.	0.00		5.00	Gross Amo	ount			1488850.0	
		0.00			Net Amour	nt (Before Last	Date)		1488850.00	
	Normal Water Usage Charges 0.00 Excess Water Usage Charges			0.00	Amount Payable After			ter Last Date	Last Date	
				0.00	Interest Rs		1.1.1		14888.50	
Fix Charges/N Penalty	VIIIIIIIIIIIII			0.00	Penal Inter				3722.13	
Annexure Am	*		0.00 1488850.00		Gross Amount Net Amount After Last Date			1507460.6 1507461.0		
This Month's							ate			
							Chelf C	officer		
				Payme	nt Detalls	N.	Contraction of the local division of the loc	C., Jhagadia		
Payment I	Mode Amou	nt	Date	Ch	eque/D.D. No.	Date		Bank	Branch	
	Bank C	ору					the second data was a	NA Copy		
Party Name	M/s. Aarti Ind	ustries Limit	ed		Party Nam			ries Limited		
Property	758/1,2,3				Property	758/1				
Bill No	10\Mar\25				Bill No	10\Ma	ar\25			
Bill Date	08-Apr-25				Bill Date	08-Ap	r-25			
Connection					Connection					
Payable Be			1,488,85	00.00	Payable Be		or-25		1,488,850.0	
Payable Aft			1,507,46	60.63	Payable At	fter 23-Ap	or-25		1,507,460.6	
Payment M	ode :	Chq/D.	D. / Cash		Payment R	lode :		Chq/D.D.	/ Cash	
Amount		Cicht Thomas d	Elaht Hundred Eld	tv.	Amount	Fourtee	n Lakh Eighty E	ight Thousand Eigh	t Hundred Flifty	
in Words R	Fourteen Lakh Eigh S.	y Eight Thousand	Eight Hundrod Ph		in Words F	Rs.				
Receipt Dat	te				Receipt Da	ate				
Chg/D.D. N		Chq/D.	D. Dt :		Chq/D.D.	No.	Ch	q/D.D. Dt :		
Bank					Bank					
Branch					Branch					
Contact No					Contact No	0.				

Cont	act No.
Note : 1)	Water charges shall have to be paid in favour of "WATER SUPPLY JHAGADIA NOTIFIED AREA " at Bank of Baroda - GIDC Jhagadia, Branch bearing ACCOUNT NO. 56070200000107 RTGS IFSC CODE: BARB0JHABHA, Water charges if not paid within stipulated date of payment will attract the interest (12% per annum) and Penal Interest (3% per annum)
2)	Use of water beyond GPCB Consent is an offence. If found, the water supply will be disconnected without further notice and the same will be intimated to GPCB. Rivert if quantity considered is not true. *
3)	The Effective Water Rate from 01/04/2024 is Rs. 53.90 Per KL + CSR Fund Rs.1.10 = Rs. 55.00
4)	Amount Deposited in Water Supply Account will be considered against water bill only and will not be Refund or Transfer to any other Account.
5)	Payment Receipt of Notified Office should be deposited to Notified Area Office without fail.
6)	The Management of water supply scheme is awarded to M/s Sachin Water Supply Co. Pvt. Ltd. For any complaint contact their representative on his Cell No. +91-7600059722/23/24/25 & 7600059721; 97277 31065 OR email: sachinwatersupply@gmail.com



#### Annexure-3





### STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/5(f)/&93/2019

Date: 1 9 JUN 2019 BY R.P.A.D.

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013.

(Under the provision of Environmental Impact Assessment (EIA) Notification, 2006)

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to **M/s. Aarti Industries Limited (Unit-I) for expansion of Synthetic Organic Chemical manufacturing plant at Plot No. 758/1, 2 & 3, GIDC Estate, Jhagadia, Dist: Bharuch, vide this office letter no. SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013, is being subjected to amendment for the following change in the project.** 

And whereas SEIAA has granted Environment Clearance vide office order letter no. SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/IND2/33695/2013 dated 01/04/2019. The project was scheduled for hearing in the SEAC meeting held on 24/04/2019.

The SEAC, Gujarat had recommended the project vide their letter dated 01/06/2019 to grant amendment in Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 24/04/2019. The proposal was considered by SEIAA, Gujarat in its meeting held on 03/06/2019 at Gandhinagar. After careful consideration, Environment Clearance order dated 22/04/2013 is hereby amended as under, subject to amendment with respect to changes in the planning of the project.

1. Condition No. 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12 of the environmental clearance order no. SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013 have been amended and shall be read as under:

Condition No. 03 - There shall be no effluent discharge and unit shall strictly adhere to Zero Liquid Discharge status after proposed expansion. The unit shall get its underground drainage connection disconnected before commencing the expanded production.

> Unit shall receive additional effluent of 400.4 KLD from sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for treatment and treated wastewater of 370 KLD shall be sent back to them for reuse in their premises.

- Condition No. 04 Total 616.4 KLD [216 KLD Aarti Industries Limited (Unit-I) + 400.4 KLD Aarti Industries Limited (Unit-II)] shall be treated in common/combined ETP.
- Condition No. 05 -

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FIAA

Unit shall install combined ETP of adequate capacity consisting primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.

Entire quantity of effluent (616.4 KLD) shall be treated in the Combined ETP consisting of primary, secondary and tertiary treatment facilities followed by RO, MEE & ATFD.

- Condition No. 07 Out of 580 KLD of RO Permeate & MEE condensate; 370 KLD shall be send back to the sister concern unit i.e. Aarti Industries Ltd (Unit-II) located at the adjoining plot for reuse and remaining 210 KLD shall be reused within plant premises.
- Condition No. 08 Out of 284.4 KLD of total process effluent (91 KLD from Unit-1 + 193.4 KLD from Unit-II); 66 KLD of effluent shall be treated by Fenton Treatment followed by MEE 1 & ATFD 1 and 218.4 KLD of effluent shall be treated in ETP. Treated effluent from ETP (218.4 KLD) and MEE -1 condensate (60 KLD) shall be mixed and further treated in RO 1, 2, 3, 4.
- Condition No. 09 Remaining 332 KLD of effluent from utilities (125 KLD from Unit-I + 207 KLD from Unit-II) shall be treated by desilication process followed by RO 5, 6.
- Condition No. 10 RO reject of RO-1, 2, 3, 4, 5, 6 shall be subjected to MEE -, 2, 3, 4 followed by ATDF 2, 3, 4. Condensate of 123 KLD (MEE 2, 3, 4) shall be mixed with RO permeate of 208 KLD (RO 1, 2, 3, 4), RO permeate of 249 KLD (RO 5, 6) for reuse. 210 KLD of treated water shall be reused in Unit-I and remaining 370 KLD shall be send to unit-II for reuse.
- Condition No. 11 The unit shall provide metering facility at the inlets and outlets of ETP, RO, MEE, ATFD, reuse, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot and maintain the records of the same.
- Condition No. 12 Proper Logbooks of ETP, RO plants, MEE & ATFD operations, chemical consumptions, quantity and quality reused within premises, power generations, as well as inlet and outlet of effluent received from sister concern unit i.e. Aarti Industries Limited (Unit-II) located at the adjoining plot, etc. shall be maintained and furnished to the GPCB from time to time.
- 2. The following additional Conditions shall be added in the environmental clearance SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013 and shall be read as under:
  - Unit shall install adequate capacity of combined STP for treatment of domestic waste water 43 KLD (5 KLD from Unit-I + 38 KLD from Unit-II). Treated sewage shall be utilized for gardening & plantation purpose within premises of Unit-I (13 KLD) and Unit-II (30 KLD).
  - Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.
  - 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.
  - Additional Imported Coal to the tune of 0.2 MT/hr shall be used as fuel in the existing Boilers for steam requirement for proposed Multiple Effect Evaporators.
- Sr. Type of waste Category Quantity **HW Disposal Management Facility** No. Existing Proposed Total 1. Empty 1-33.1 Collection, Storage, Transportation barrels/containers/liners 225.00 00 225.000 and Disposal by send it to contaminated with MT/Year MT/Year authorized decontamination facility / hazardous chemicals recycler or reuse or send back to **/wastes** supplier.
- > Hazardous waste management shall be as under:

2.					-,	
2.	Chemical sludge from	1-35.3	1200.00	2880	4080	Collection, Storage, Treatment
	waste water treatment		MT/Year	_ MT/Year	MT/Year	, Transportation and Dispose at
			(ETP			TSDF at BEIL.
			Waste)			
			270	50	320	
			MT/Year	MT/Year	MT/Year	
			(MEE			
3.			Waste)			
J. J.	Used or Spent Oil	I-5.1	2.300	00	2.300	Collection, Storage, and Reuse in
			MT/Year		MT/Year	plant and machineries or sell to
						authorized registered recyclers.
4.	Any process or	I-36.1	480.000	00	480.000	Collection, Storage, Transportation
	distillation residue		MT/Year		MT/Year	and Dispose at common incinerator
⊢_						of BEIL/SEPPL.
5.	Ash from incinerator	I-37.2	12.480	00	12.480	Collection, Storage, ,Transportation
Ĩ	and flue gas cleaning		MT/Year		MT/Year	and Dispose at TSDF at BEIL.
6.	residue					
<u>ь</u> .	Spent Carbon or filter	I-36.2	40.800	00	40.800	Collection, Storage, ,Transportation
	medium		MT/Year		MT/Year	and Dispose at common incinerator
						of BEIL/SEPPL.
7.	Inorganic Acids (Spent	II-B15	86400.000	00	86400.000	Collection, Storage, Transportation,
	Acids)		MT/Year		MT/Year	Disposed through end user who has
						valid permission under Rule-9 of
					i	Hazardous and Other Waste
8.	Created Catalyst	- 100.0				(M&TBM) Rules-2016.
Ο.	Spent Catalyst	1-28.2	7.440	00	7.440	Collection, Storage, Transportation
			MT/Year		MT/Year	and Disposal by selling to authorized
				<u> </u>		recycler for regeneration.
9.	Fly Ash	Z-Z14	7560.000	00	7560.000	Collection, Storage, Transportation
			MT/Year		MT/Year	and Disposal by setting to Brick
						Manufacturer or Cement Industry.

Rest of all the conditions of the Environment Clearance orders no SEIAA/GUJ/EC/5(f)/81/2013 dated 22/04/2013 shall remain unchanged.

With regards, Yours sincerely,

npaci Asses M. SAIYAD) Rember Secretary IAA squed to: Vis. Aarti Industries Limited (Unit-I) C/o. Aarti Industries Limited (Organic Division) Plot No. 801/23, GIDC Estate,

Phase- III, Vapi- 396195

RIDA
DUJARAT INDUSTRIAL DEVELOPMENT CORPORATION

GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION (A GOVT. OF GUJARAT UNDERTAKING) Office of the Dy.Executive Engineer Plot No. 40, Road No. 8, Near Pepsico co. GIDC Jhagadia Fax :(02645) 226009 Phone :(02645) 226154

Date: 19/6/12

No: GIDC/DEE/JHG/ 254

### CERTIFICATE

Annexure-4

This is to certify that, The above Unit Visited on 31/05/2012. It is observed that M/s Aarti Industries Plot No. 758/1, 2, 3, GIDC Jhagadia has disconnected the Drainage Connection from 31/05/2012.

のして Dy. Executive Engineer GIDC Jhagadia

To, **M/s Aarti Industries** Plot No. 758/1, 2, 3, GIDC Jhagadia.

x 23 25 2 Que



## AARTI INDUSTRIES LIMITED

(A Government Recognised Export House)

Unit - I

Factory : Plot No. 758/1, 2 & 3, P. B. No. 23, G.I.D.C., Jhagadia - 393 110. Dist. Bharuch, Gujarat, INDIA. Ph. No. : 02645 - 226178, 226277 02645 : 226278, 226279 Mob. : 9537011711, 9537011811 Fax No. : 02645 - 226178

То

Date : 26/06/2012

Sr Environment Engineer

GPCB

Gandhinagar

Sub: Zero Discharge

ID: 14855

Respected Sir,

We have installed Equipments for Zero Discharge & have not discharged any Treated Effluent to FETP (NCTL) since 16<sup>th</sup> April, 2012. We have also got Disconnection Certificate from GIDC, Jhagadia. We are enclosing the copy of the same for your ready reference.

This is for your information please . We request you to please keep our consented quantity in Safe Custody for future .

Thanking You

For Aarti Industries Limited

(Authorised Signatory)

Encl: As above

2/1/2012

Gujarat Pollution Control Board Sector- No. 10-A, Gandhinggar-382010.

 Regd. Office
 : Plot No. 801/23, G.I.D.C. Estate, Phase III, Vapi - 396 195.

 Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

 Admn. Office
 : Udyog Kshetra, 2nd Floor, Mulund, Goregaon Link Road, L.B.S. Marg, Mulund (West), Mumbai - 400 080.

 Phone : (022) 25918195, 67976697, 67976666 Fax : (022) 25904806, 25653185, 67976687

Dashboard | Environment Clearance - Forest Clearance - Wildlife Clearance - CRZ Clearance - Go To Home Logout







Welcome Shankar Karhale, Project Proponent

 List of Uploaded EC Compliance Reports

 State and No. /
 Compliance No./

 State and No. /
 State and Year of

 District
 Compliance Reports

Sr.No.	Name of Project	EC Letter Number	District	Compliance	Compliance	Remarks	Date	Status	View
1	SIA/GJ/IND2/33695/2013 Amendment to Environment Clearance order No :- SEIAA/GUJ/EC/5(f)/81/2013 dated 22.04.2013.	EC/M/COMPLIANCE/111995677/2024 SEIAA/GUJ/EC/5(f)/893/2019	GUJARAT	2024	01 Dec(01 Apr - 30 Sep)	Half Yearly Compliance report to the conditions of Environment Clearance for a period of April 2024 to September 2024 SEIAA/GUJ/EC/5(f)/893/2019.	28-11- 2024	Submitted Successfully	View Report View Documents Compliance Summary
2	SEIAA/GUJ/EC/5(f)/81/2013 Environment Clearance for the - M/s Aarti Industries Ltd. for expansion of synthetic organic chemical manufacturing unit at plot	EC/M/COMPLIANCE/112277728/2024 SEIAA/GUJ/EC/5(f)/81/2013	GUJARAT	2024	01 Dec(01 Apr - 30 Sep)	Half Yearly Compliance report to the conditions of Environment Clearance for a period of April 2024 to September 2024 SEIAA/GUJ/EC/5(f)/81/2013.	28-11- 2024	Submitted Successfully	View Report View Documents Compliance Summary

Annexure-6



# 21<sup>st</sup> June 2024 AIL/JH/2024/ENV/068

XGN ID: 14855

Olc

To, The Unit Head, Environment Audit Cell, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector – 10 A, Gandhinagar-382010

# Subject : Submission of Environment Audit Report for April 23 to March 24

Respected Sir,

In reference to the above-mentioned subject, we are submitting herewith the Environment Audit Report for the period April 23 to March 24 in triplicate for Aarti Industries Limited (Unit-I) situated at Plot No: 758/1-2-3, GIDC Estate, Jhagadia. Audit has been carried out by Schedule-1 Auditor i...e Shree Dhanvantary College of Engineering & Technology.

Unit is ISO 14001:2015 certified, hence, made the payment of Rs. 10000/- through NEFT as an audit fee through Transaction No. YAXC2358766348 dated 21/06/2024. Payment receipt is enclosed herewith as **Annexure-1**.

We hope that the above is in order.

Thanking you,

Yours faithfully, For, Aarti Industries Limited (Unit-I)

Authorized Signatory

Enclosure : -Environment Audit Report-3 copies -Environment audit fee payment receipt

**CC to :** The Regional Office, GPCB Ankleshwar.



Gujarat Pollution Control Board Head Office Sector No.-10-A, Gandhinagar-382010

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

 Regd. Office : Plot No. 801, 801/23, Illrd Phase, GIDC Vapi-396195, Dist- Valsad. INDIA. T : 0260-2400366.

 Factory : Plot No. - 758/1-2-3, GIDC, PB No.-23, Jhagadia-393 110, Dist-Bharuch. INDIA. T : 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-I



# **NET Payment Receipt**

# PCB ID: 14855-Aarti Industries Ltd.

Address : 758/1-2-3, , , Jhagadia, Ankleshwar Pin : 393110

# Application: 3013(EAF)-dd/MM/yyyy

Payment Id	538595
Payment Date	21/06/2024
Paid Amount	10000
Bank Details	AXC-***
Transaction No	YAXC2358766348
Status	Success
Remarks	Transaction Successful
Referance No	3013
Туре	EAF-EAF-EAF
MIC Data	

MIS Date

Date : 22/06/2024

# M/S. AARTI INDUSTRIES LTD.

# ENVIRONMENTAL MANAGEMENT SYSTEM ADEQUACY CERTIFICATE

The Environmental audit scheme was introduced by the Hon. Gujarat High Court vide its order dated 20-12-1996 and 13-03-1997 and modified vide order dated 16-09-1999. We are appointed by the GPCB, Gandhinagar as recognized auditor for compliance of the direction of the Hon. High Court in this matter and have carried out the environmental audit of:

# a) M/S. AARTI INDUSTRIES LTD.

Plot No. 758/1-2-3, GIDC Estate Jhagadia, Taluka: Jhagadia, Dist.- Bharuch- 393110, Gujarat, India

b) Manufacturing products & by products as under:

NAME OF PRODUCTS & CAPACITY WITH YIELD/PURITY PER DAY.						
B_1	Group Name	Product Name	Consented Quantity MTA	Actual Production MTA	Actual Production MT/Day	Yield/Purity per Day
1	Group- A	Mono nitro derivatives of Benzene & Chlorobenzene	72000	64784.799	177.01	NA
2	Group- B	Dinitro Derivatives of Benzene & MCB	36000	9490.949	25.93	NA
3	Group- C	Di Ethyl Sulphate	1200	0.000	0.00	NA
4	Group- D	Hydrogenated Products	60000	16361.230	44.70	NA
5	Group- E	Only Physical Separation of o/p/m Chloro Toluene	5400	0.000	0.00	ŅA
6	Group- F	Only Physical Separation of 2,3 DCNB, 3,4 DCNB	6600	2088.005	5.70	NA
7		n power plant WH)	4.5	3.725	3.725	NA

As per the directions of the Hon. High Court in environmental audit scheme and based on personal monitoring (Collection of samples, Analysis), We certify that the Environmental Management System provided by this industry for the products and capacity as stated above is adequate and efficacious to achieve the quality of effluents (Air + Waste water + Solid waste) as specified/ required consent / notification by GPCB, Gandhinagar for following quantity of effluent:

Sr. No.	Waste water	Contest Limit	Status
1.	Industrial Effluent	436.84 KL/Day	190.99 KL/Day
2.	Details of Air Emission Boiler Stack		Adequate

SHREE DHANVANTARY COLLEGE OF ENGINEERING AND TECHNOLOGY [ENVIRONMENTAL AUDIT LABORATORY]

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	DETAILS OF HAZARDO	US/SOLID WASTE GENERA	TION	
Sr. No.	Waste Description	Consented Quantity in MT	Applied for Consent Amendment	Generated Quantity in MT
1	Empty barrels/ containers/ liners contaminated with hazardous chemicals/ wastes	225.00	225.00	212.450
2	Chemical sludge from wastewater treatment	2800.00	3500.00	3993.400
3	Used or Spent Oil	2.30	19.30	4.163
4	Any Process or Distillation Residue	480.00	2280.00	1788.207
5	Spent carbon or filter medium	40.80	40.80	24.160
6	Inorganic Acids (Spent Acids)	86400.00	86400.00	55051.540
7	Spent Catalyst	7.44	12.44	0.908
8	Fly Ash	7560.00	12560.00	9266.489
9	Insulation waste/Thermocol	80.00	120.00	60.480
J	<b>Total Sludge Generation in MT</b>	3993.40		
	Total Production in MT	92724.98		
Sludg	ge Generation Per Tone of product	0.043		

This certificate is valid for audit period **(APRIL 2023 –MARCH 2024)** only. However, it is subjected to automatic cancellation in case of any change in product profile/capacity, quality & quantity of effluents (Air + Wastewater + Solid waste) and efficiency of EMS equipment.

# NAME & ADDRESS OF THE AUDITOR:

Environment Audit Lab Shree Dhanvantary College of Engineering & Technology Dhanvantary campus, Near Kim Railway station Dist: surat -394110

Mrs. Limbachiya Urvashi (Chemical Engineer)

Mrs. Kinjal Patel (Environmental Engineer)

Environmental Audit Lab

Date: 310574 Place: SURAT

# SIGNATURE OF THE AUTHORIZED PERSON



SHREE DHANVANTARY COLLEGE OF ENGINEERING AND TECHNOLOGY [ENVIRONMENTAL AUDIT LABORATORY]

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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 - TC153452500002651F						
Test Report No.	URA/25/03/AIL-J/S-012	Report Issue Date:	03/04/2025			
Service Request form No.	URA/SRF/03/012	Service Request Date.:	05/03/2025			
Sample ID No.	URA/ID/S-25/03/012	Field Data Sheet No.:	URA/FDS/S-25/03/012			
Name & Add. of Customer	Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka	M/s. Aarti Industries Limited. Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka - Jhagadia Dist. Bharuch (393110), Gujarat, India.				
Date of Sampling	05/03/2025	Date of Testing	06/03/2025			
Stack Sampling Attached to	D.G 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	33
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	13.2
7.	Exit Gas Flow	Nm <sup>3</sup> /h	1747.8

# > 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	74.2	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.4	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. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

UERL/AIR/F-04/04

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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 - TC153452500002652F					
Test Report No.	URA/25/03/AIL-J/S-013	Report Issue Date:	03/04/2025		
Service Request form No.	URA/SRF/03/013	Service Request Date.:	05/03/2025		
Sample ID No.	URA/ID/S-25/03/013	Field Data Sheet No.:	URA/FDS/S-25/03/013		
Name & Add. of Customer	M/s. Aarti Industries Limited Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluk Dist. Bharuch (393110), Guja	a - Jhagadia			
Date of Sampling	05/03/2025	Date of Testing	06/03/2025		
Stack Sampling Attached to	D.G 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	33
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	11.6
7.	Exit Gas Flow	Nm³/h	1505.5

# > 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	71.6	150	IS 11255 (Part 1)
2.	Sulphur Dioxide	ppm	6.0	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. Cohil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

UERL/AIR/F-04/04

Page No.: 1







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 - TC153452500002653F			
Test Report No.	URA/25/03/AIL-J/S-014	Report Issue Date:	03/04/2025
Service Request form No.	URA/SRF/03/014	Service Request Date.:	05/03/2025
Sample ID No.	URA/ID/S-25/03/014	Field Data Sheet No.:	URA/FDS/S-25/03/014
Name & Add. of Customer	M/s. Aarti Industries Limite Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluk Dist. Bharuch (393110), Guja	a - Jhagadia	
Date of Sampling	05/03/2025	Date of Testing	06/03/2025
Stack Sampling Attached to	D.G set 3 (1010 KVA)		
Air Pollution Control Device			
Fuel Used	HSD		

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01	JERL-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	34
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	12.4
7.	Exit Gas Flow	Nm³/h	1641.9

# > Test Parameter Results

DISCIE	PLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION				
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method		
1.	Particulate Matter	mg/Nm³	78.8	150	IS 11255 (Part 1)		
2.	Sulphur Dioxide	ppm	5.8	100	IS 11255 (Part 2)		
3.	Oxide of Nitrogen	ppm	34.6	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. Cobil* Rajnish Gohil (Chemist) Authorized By: Pooja Gandhi (Env. Engineer)

UERL/AIR/F-04/04

Page No.: 1







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 - TC153452500002654F									
Test Report No.	URA/25/03/AIL-J/S-015	Report Issue Date:	03/04/2025						
Service Request form No.	URA/SRF/03/015	JRA/SRF/03/015 Service Request Date.: 05/03/2025							
Sample ID No.	URA/ID/S-25/03/015	Field Data Sheet No.:	URA/FDS/S-25/03/015						
Name & Add. of Customer	M/s. Aarti Industries Limited Plot No. 758/1-2-3, GIDC Estate, Jhagadia, Taluka Dist. Bharuch (393110), Guja	a - Jhagadia							
Date of Sampling	05/03/2025	Date of Testing	06/03/2025						
Stack Sampling Attached to	D.G set 4 (1010 KVA)								
Air Pollution Control Device									
Fuel Used	HSD								

# > Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01	ERL-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	34
5.	Flue Gas Temperature	°C	127
6.	Exit Gas Velocity	m/s	rah Laha Dut Lid 211.7
7.	Exit Gas Flow	Nm³/h	1529.8

# > Test Parameter Results

DISCIE	PLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION				
Sr. No.	Test Parameter	Unit of measurement	Result	Permissible Limit	Test Method		
1.	Particulate Matter	mg/Nm³	73.2	150	IS 11255 (Part 1)		
2.	Sulphur Dioxide	ppm	6.2	100	IS 11255 (Part 2)		
3.	Oxide of Nitrogen	ppm	36.2	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)

UERL/AIR/F-04/04

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FORM NO. 37 (Prescribed under Rule 12-B) Register Containing particulars of monitoring of working environment required under Section 7-A(2) (e)

- Name of the Department/Plant.
   Raw materials, by products and finished products involved in the process.

Sr. No. અનુ. નંબર	Location operation monitored स्वগ	ldentified contaminated પ્રદુષણની વિગત	Sampling Instrument used કયા સાધનથી		orne Contamir Range ইক	Average એકંદર
1	2	3	4	5	6	7
		1.1	1 orient		100000	
1	UNCOADING		Contrat .	01	9 ppm	
2	NEAR	TOLDENE	VOC	01	& PPM	9 ppm
3	TOLOENE	31 12		٥١	10 PPM	
25	POINTP		1. 1. 1.			1.
	WADING	-	1110 10	0]	10 PPM	05
2	NEAR	TOLUENE	YOC	01	9 PPM	9 ppm
3	VE-NT TO LUE-NE		2	61	8 ppm	
	PUMP					
	LODING					-
3125	Unicding			61	12 ppm	
2	NEAR	TOINENE	VOC	01	SI BOW	11 PPM
3	TOIVENE	-		01	LIPPM	1- 19 an
			The free of the		in all of	-
3125	LUDING unleding-			01	10 882	a la cal cal a la
2	NEAR	TOINENE	NOC	01	g ppm	10 ppm
3	TOIDENE	1	A THE THE ADD	01	10 ppm	La cartera
3125			CI EL	1.20	CITA I	NO SCRIME
1.	LOADING			01	3 PPM	
2.	MGAR	TOLUGNE	voc	¢1	8 PPM	8 PPM
3	TOLUGHE			ণ	FPPM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			79 11164		195 10	C.
3/25			alles a f	2	and the second	1 margan
1)	UN LOADONG			01	12 ppm	
2)	NEAR	TOLUENE	NOC	01	& PPM	10ppm)
-	TOLUENE			01	JOPPM	Part in
31	Pump		0.070.0		1-19-115-3+	
205				10.10	SCE.	La Capita
25	DADING			01	to form	
11 1	NEAR	TOLUGHE	NOL	01	12PPM	10 PPM
1	TOLUENE	10000110	TOL		8 ppm	10.1.
81	PUMP	1000 000 000		01	O Pri.)	1

# Annexure-9

ફોર્મ નંબર. ૩૭ રૂલ ૧ર-બી મુજબ

# પ્રદુષણ નિવારણ અંગેનું રજીસ્ટર

TWA concentrations (As given in Second Schedule)	Reference method देहरन्स	Number of workers exposed at the location being monitored รเพยเวคใ ส่เหนเ	Remarks વિશેષ નોંધ	Signature person taking samples નમુનો લઇ જનાર વ્યક્તિની સહી	Name (In block letters) નામ
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	SENSOR	16			31" turner
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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 (AMBIENT AIR MONITORING)

	53452500002584F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-001	Rep	ort Issue	e Dat	e	C	)3/04/2	025		
Service R	equest form No.:	URA/SR	RF/03/001	Serv	ice Req	uest	Date	C	04/03/2025 URA/FDS/A-25/02/001			
Sample II	D No.:	URA/ID	/A-25/03/001	Field	l Data S	heet	No.	ι				
Name & /	Add. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
			0. 758/1-2-3,									
			STATE, JHAGADIA, 1									
		HARUCH (393110),										
	Sampling:	2025	Date	e of Test	ing		C	)5/03/2	025			
	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	Near Main Gate			0 -			0 -			0 -
	nental Conditions du	ring	Temp.:	Min.:		<sup>0</sup> C	Max.:	31	<sup>0</sup> C	Avg.:	26	<sup>0</sup> C
Sampling			Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%
	s of Master Instrum											
	rument ld No.		rument Name		Serial N				Date		t Cali.	
	L/AIR/RDS/01		able Dust Sampler	_	21010				3/2024		//03/20	
	L/AIR/FPS/01		articulate Sampler		21020	02145		28/0:	3/2024	27	/03/20	J25
	al Sampling / Monit									Oha		
Sr. No. 1.			iption		U	Unit of measurement				Observation		
2.	Monitoring Dur Flow Rate of PN	364				h m³/min				24.06 1.18		
<u> </u>	207 1985 217 198											
		or DM.				m <sup>3</sup>			1	702 /		
	Volume of Air S					1	m <sup>3</sup>			No. In	703.4	
4.	Volume of Air S	ampled f	or PM <sub>2.5</sub>	5.00	Rela	tive H	m³	40 to 5	2%	No. In	703.4 24.1	
4. • Enviro	Volume of Air S	ampled f	or PM <sub>2.5</sub>	: 5 °C,	Rela	tive H		40 to 5	2%	No. In		
4. Enviro Test Pa	Volume of Air S	ampled f during to	or PM <sub>2.5</sub>			-	m³	General Providence	line and			
4. ► Enviro ► Test Pa	Volume of Air S onmental Conditions arameter Results	ampled f during to ING	or PM <sub>2.5</sub>	NAME O		-	m <sup>3</sup> lumidity:	IERIC P	OLLUTI	ON		od
4. Enviro Test Pa DISCIPLIN	Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST	ampled fo during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit	NAME O	F GROL	-	m <sup>3</sup> Iumidity: ATMOSPH Permissi	IERIC P	OLLUTI	ON Test	24.1 Metho	
4. 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 PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup>	NAME O Re: 88	PF GROL sult	-	m <sup>3</sup> Iumidity: TMOSPH Permissi 1(	IERIC P ble Lim	OLLUTI	ON	24.1 <b>Metho</b> 2 (Part	: 23)
4. 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> µg/m <sup>3</sup>	NAME O Res	<b>PF GROL</b> sult 3.4	-	m <sup>3</sup> lumidity: TMOSPH Permissi 10 6	IERIC P ble Lim	OLLUTI	ON Test IS: 518	24.1 <b>Metho</b> 2 (Part 2 (Part	: 23) 24)
4. 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>	NAME O Re: 38 38 17	<b>PF GROL</b> sult 3.4 3.6	-	m <sup>3</sup> lumidity: \TMOSPH Permissi 1( 6 8	IERIC P ble Lim 00	OLLUTI	ON Test IS: 518 IS 518:	24.1 <b>Metho</b> 2 (Part 2 (Part 32 (Par	: 23) 24) t 2)
4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S onmental Conditions arameter Results NE – 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 O Re: 38 38 17 23	<b>F GROL</b> sult 3.4 3.6 7.8	JP – /	m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8	IERIC Pe ble Lim 00	OLLUTI	ON Test IS: 518 IS 5183 IS: 518	24.1 Metho 2 (Part 2 (Part 32 (Par 32 (Par	: 23) 24) t 2) t 6)
4. Enviro Test P. DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S Provide the second state of Air S Version of Air	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 0 Re: 38 38 17 23 BDL (M	<b>PF GROL</b> sult 3.4 3.6 7.8 3.5	JP - /	m <sup>3</sup> Jumidity: TMOSPH Permissi 10 6 8 8 8	IERIC P ble Lim 00 00 00	OLLUTI	ON Test IS: 518 IS 518: IS: 518 IS: 518	24.1 <b>Metho</b> 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	t 23) 24) t 2) t 6) t 9)
4. Enviro Test P. 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> 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 O Re: 38 38 17 23 BDL (M BDL (M	<b>PF GROL</b> sult 3.4 3.6 7.8 3.5 1DL:5.0)		m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 40	IERIC Period	OLLUTI	ON Test IS: 518 IS 518: IS: 518 IS: 518 IS: 518	24.1 <b>Metho</b> 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 32 (Part	23) 24) t 2) t 6) t 9) 25)
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4. 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>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME O Re: 38 38 38 38 17 23 BDL (M BDL (M BDL (M BDL (M BDL (M BDL (M BDL (M BDL (M)	F GROL sult 3.4 3.6 7.8 3.5 1DL:5.0) 1DL:5.0) 1DL:5.0) 1DL:1.0) 1DL:1.0) 1DL:1.0)		m <sup>3</sup> Jumidity: Permissi 10 6 8 8 18 18 18 18 10 1 1 5 1 2	IERIC Pe ble Lim 00 00 00 00 00 00 00 .0 .0 .0 .0 .0	OLLUTI	ON Test IS: 518 IS: 518	24.1 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) 25) 10) 22) t11) 12) 26)
4. ► Enviro ► Test P. 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>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup>	NAME O           Re:           88           38           17           23           BDL (M           BDL (M	F GROL sult 3.4 3.6 7.8 3.5 1DL:5.0) 1DL:5.0) 1DL:5.0) 1DL:0.1) 1DL:0.1) 1DL:0.1)		m <sup>3</sup> Jumidity: Permissi 10 6 8 8 18 18 2 1 5 1 1 2 6	IERIC Per ble Lim 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	ON Test IS: 518 IS: 518	24.1 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) 22) t11) 22) 26) 22)

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

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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)

		(AIVIDIEINT A			U)						
Test Report No.:	URA/2	5/03/AIL-J/A-001	Repo	Report Issue Date (				03/04/2	03/04/2025		
Service Request form No	.: URA/S	URA/SRF/03/001			Service Request Date				04/03/2025		
Sample ID No.:	URA/I	URA/ID/A-25/03/001 Field				No.		URA/FD	S/A-25/	02/00	1
Name & Add. of Custome	er M/s. A	ARTI INDUSTRIES LIN	<b>/ITED</b>								
	PLOT N	IO. 758/1-2-3,									
	GIDC E	STATE, JHAGADIA, TA	LUKA- J	hagadi	а						
	DIST-B	HARUCH (393110), G	UJARAT	, INDIA							
Dates of Sampling:	04/03/	2025	Date	of Test	ing			05/03/2	2025		
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / M	onitoring:	Near Main Gate									
Environmental Condition	s during	Temp.:	Min.:	22	٥C	Max.:	31	٥C	Avg.:	26	٥C
Sampling :		Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%
Details of Master Inst	rument Used	for Monitoring									
Instrument Id No.	Ins	trument Name	5	Serial N	lumb	er	Ca	li. Date	Nex	t Cali.	Date
UERL/AIR/RDS/01	Respir	able Dust Sampler		210103157			28/03/2024		27	27/03/2025	
UERL/AIR/FPS/01	Fine P	articulate Sampler		210202145 28/03/2024 27/03/202				025			
General Sampling / N	Ionitoring Ob	servation as per CPC	B Guide	eline					•		
Sr. No. Description Unit of measurement Observation											

Sr. NO.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.06
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>	1703.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m³	24.1
> 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	17.8		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







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)

	53452500002585F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-002	Repo	ort Issu	e Dat	9	(	03/04/2	2025		
Service Ro	equest form No.:	URA/SR	F/03/002	Servi	ice Req	uest l	Date	(	04/03/2	2025		
Sample ID	D No.:	URA/ID	/A-25/03/002	Field	l Data S	heet	No.		URA/FD	S/A-25/	02/00	2
Name & A	Add. of Customer	PLOT N GIDC ES	ARTI INDUSTRIES LI O. 758/1-2-3, ITATE, JHAGADIA, T	ALUKA- J	-							
Dates of S	Compling	04/03/2	IARUCH (393110),		of Test			<u> </u>	05/03/2	0.25		
	Procedure:		CPCB Guidelines	Date	oriest	.ing			05/05/2	025		
	of Sampling / Monito		Emergency Gate	DG Cool	ing Tow	ver)						
	ental Conditions du		Temp.:	Min.:	22	°C	Max.:	31	<sup>0</sup> C	Avg.:	26	°C
Sampling		1115	Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%
	s of Master Instrum	ent Used			15	70	IVIUX.	00	70	A*8	52	70
	ument Id No.		rument Name		Serial N	lumb	er	Cali	. Date	Nex	t Cali.	Date
	L/AIR/RDS/02		ible Dust Sampler		21010				3/2024		7/03/20	
	L/AIR/FPS/02		rticulate Sampler		21010				3/2024		/03/20	
	al Sampling / Monit			CB Guide				20/0	0,202		/00/_	
Sr. No.		Descr				nit of	measure	ment		Obs	ervati	on
1.	Monitoring Dur	ation		1			h				24.13	
2.	Flow Rate of PN	4.0			4		1.					
۷.		/10				here.	m³/min				1.12	
3.	Volume of Air S		or PM <sub>10</sub>				m³/min m³	476			1.12 .621.5	
3. 4.	Volume of Air S Volume of Air S	ampled for ampled for a mpled	or PM <sub>2.5</sub>	5.90	Rela		m <sup>3</sup> m <sup>3</sup>	40 to 5	57%	1		
3. 4. > Enviro > Test Pa	Volume of Air S	ampled fo ampled fo during to	or PM <sub>2.5</sub> esting :Temp.: 25 ±			tive H	m <sup>3</sup>	Gard and	No.		.621.5	
3. 4. Enviro Test Pa	Volume of Air S Volume of Air S nmental Conditions arameter Results	ampled fo ampled fo during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ±	NAME O		tive H	m <sup>3</sup> m <sup>3</sup> lumidity:	IERIC P	OLLUTI	1	.621.5	od
3. 4. Enviro Test Pa DISCIPLIN	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST	ampled fo ampled fo during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ±	NAME O	F GROL sult	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi	IERIC P	OLLUTI	1	621.5 24.2 Metho	
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No.	Volume of Air S Volume of Air S nmental Conditions arameter Results IE – CHEMICAL TEST Test Param	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit	NAME O Res	F GROL sult 3.7	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 1	IERIC P ble Lin	OLLUTI	1 ON Test	621.5 24.2 Metho 2 (Part	: 23)
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	ampled for ampled for during to ING meter PM <sub>10</sub>	br 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 O Res 73	F GROL sult 3.7 2.7	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6	IERIC P ble Lin 00	OLLUTI	1 ON Test IS: 518 IS 518	621.5 24.2 Metho 2 (Part	: 23) 24)
3. 4. Enviro 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	ampled for ampled for during to ING meter PM <sub>10</sub>	br 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 O Res 73 22 24	F GROL sult 3.7 2.7	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8	IERIC P ble Lin DO	OLLUTI	0N Test IS: 518 IS: 518 IS: 518	621.5 24.2 Metho 2 (Part 2 (Part	: 23) 24) t 2)
3. 4. Enviro 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 Sulphur Dioxide	ampled for ampled for during to ING meter PM <sub>10</sub>	br 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 O Res 73 22 24 28 12	F GROL sult 3.7 2.7 1.6 3.1 2.5	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8	IERIC P ble Lin 00 00	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518	621.5 24.2 <b>Metho</b> 2 (Part 2 (Part 32 (Par	: 23) 24) t 2) t 6)
3. 4. ► Enviro ► 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 for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	br 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 O Res 73 22 24 28	F GROL sult 3.7 2.7 1.6 3.1 2.5	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8 8 8	IERIC P ble Lin 00 00 00 00	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518	621.5 24.2 Metho 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	t 23) 24) t 2) t 6) t 9)
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 for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	br 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 O Res 73 22 24 28 12 15 BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 IDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8 8 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IERIC P ble Lin 00 00 00 80 80 00 00 .0	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	621.5 24.2 Metho 2 (Part 2 (Part 32 (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> )	ampled for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	br PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME O Res 73 22 24 28 12 15 BDL (M BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 DL:1.0) DL:0.5)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: <b>TMOSPH</b> Permissi 10 6 8 8 8 11 11 44 2 1	IERIC P ble Lin 00 00 00 80 80 00 .0 .0	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	621.5 24.2 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. 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 Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	ampled for ampled for during to ING PM10 PM2.5 (CO)	br PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME O Res 73 22 24 28 12 15 BDL (M BDL (M BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 DL:1.0) DL:0.5) DL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: TMOSPH Permissi 10 6 8 8 11 10 6 8 11 10 6 11 10 11 11 11 11 11 11 11 11 11 11 11	IERIC P ble Lin 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	621.5 24.2 Metho 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 2 (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. Enviro Test Pa DISCIPLIN Sr. No. 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 for ampled for during to ING PM10 PM2.5 (CO)	br PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME O Res 73 22 24 24 28 12 15 BDL (M BDL (M BDL (M BDL (M	F GROL sult 3.7 2.7 4.6 3.1 2.5 5.4 IDL:1.0) IDL:0.5) IDL:1.0) IDL:0.1)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 11 6 8 11 10 11 10 11 11 11 11 11 11 11 11 11	IERIC P ble Lin 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	1 CN Test IS: 518 IS: 518	621.5 24.2 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 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 for ampled for during to ING PM10 PM2.5 (CO)	br 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> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup>	NAME O Res 73 22 24 24 28 12 15 BDL (M BDL (M BDL (M BDL (M BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 IDL:1.0) IDL:0.5) IDL:0.1) IDL:0.1) IDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 11 6 8 11 10 11 10 11 11 11 11 11 11 11 11 11	IERIC P ble Lin 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	1           ON           IS: 518	621.5 24.2 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. Enviro 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 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 for ampled for during to ING PM10 PM2.5 (CO)	br 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> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup>	NAME O Res 73 22 24 24 28 12 15 BDL (M BDL (M BDL (M BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 IDL:1.0) IDL:0.5) IDL:0.1) IDL:0.1) IDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: <b>TMOSPH</b> Permissi 10 6 8 8 8 11 6 8 11 11 2 1 1 2	IERIC P ble Lin 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	1 ON Test IS: 518 IS: 518	621.5 24.2 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. ► 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 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 for ampled for during to ING PM10 PM2.5 (CO)	br 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> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup> ηg/m <sup>3</sup>	NAME O Res 73 22 24 24 28 12 15 BDL (M BDL (M BDL (M BDL (M BDL (M	F GROU sult 3.7 2.7 4.6 3.1 2.5 5.4 IDL:1.0) IDL:0.5) IDL:0.1) IDL:1.0) IDL:1.0) IDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: <b>TMOSPH</b> Permissi 10 6 8 8 8 13 14 11 5 1 1 2 6	IERIC P ble Lin 00 00 00 00 00 00 00 00 00 00 00 00 00	OLLUTI	1           ON           IS: 518	621.5 24.2 Metho 2 (Part 2 (Part 32 (Part 32 (Part 32 (Part 2 (Part	23) 24) 22) t 2) t 6) t 9) 25) 20) t 10) 12) t 12) 26) 22) 22) 22) 22) 19)

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.



GPCB Recognized Environmental Auditor (Schedule-11) ISO 9001 : 2015 Certified Company ISO 45001 : 2018 Certified Company

# TEST REPORT (AMBIENT AIR MONITORING)

		(AIVIDIEINT AI			iu)						
Test Report No.:	URA/25	5/03/AIL-J/A-002	Repoi	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	F/03/002 Service Request Date 04/03/2025									
Sample ID No.:	URA/ID	/A-25/03/002	Field	Data S	heet	No.		URA/FD	S/A-25/	02/00	2
Name & Add. of Customer											
	PLOT N	0. 758/1-2-3,									
	GIDC ES	C ESTATE, JHAGADIA, TALUKA- Jhagadia									
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA	۱						
Dates of Sampling:	04/03/2	2025	Date o	of Tes	ting			05/03/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	Emergency Gate (D	OG Coolir	ng Tov	ver)						
Environmental Conditions du	ring	Temp.:	Min.:	22	٥C	Max.:	31	٥C	Avg.:	26	°C
Sampling :		Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Id No. Instrument Name Serial Number Cali. Date Next Cali. Date										
UERL/AIR/RDS/02	UERL/AIR/RDS/02         Respirable Dust Sampler         210103156         28/03/2024         27/03/2025										
UERL/AIR/FPS/02											
				-							

General S	ampling / Monitoring Observation as per CPCB Gui	deline
Sr. No.	Description	Unit of measurement

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
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>	1621.5
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	imen' 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)

1.Particulate Matter PM10μg/m³74.2100IS: 5182 (Part 23)2.Particulate Matter PM2.5μg/m³30.260IS 5182 (Part 24)3.Sulphur Dioxideμg/m³18.880IS: 5182 (Part 2)4.Nitrogen Dioxideμg/m³21.780IS: 5182 (Part 2)5.Ozoneμg/m³BDL (MDL:5.0)180IS: 5182 (Part 2)6.Ammonia (NH3)μg/m³BDL (MDL:5.0)400IS: 5182 (Part 25)7.Carbon Monoxide (CO)mg/m³BDL (MDL:1.0)2.0IS: 5182 (Part 10)8.Lead (Pb)μg/m³BDL (MDL:0.5)1.0IS: 5182 (Part 22)9.Benzeneμg/m³BDL (MDL:0.1)1.0IS: 5182 (Part 12)10.Benzo(a)Pyrene (BaP)ng/m³BDL (MDL:0.1)1.0IS: 5182 (Part 12)11.Nickelng/m³BDL (MDL:1.0)20IS: 5182 (Part 22)13.Chlorine (Cl2)μg/m³BDL (MDL:1.0)IS: 5182 (Part 22)14.Volatile Organic Compoundμg/m³BDL (MDL:1.0)IS: 5182 (Part 11)	ULR -TC1	53452500002586F											
ample ID No.:         URA/ID/A-25/03/003         Field Data Sheet No.         URA/FDS/A-25/02/003           Iame & Add. of Customer         M/s. ARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, IHAGADIA, TALUKA- Ihagadia DIST-BHARUCH (393110), GUJARAT, INDIA            Dates of Sampling:         04/03/2025         Date of Testing         05/03/2025           ampling Procedure:         As per CPCB Guidelines          05/03/2025           ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower) remp:         Min.: 22         °C         Max.: 31         °C         Avg.: 26         °C           ampling is         Rel. Humidity:         Min.: 15         %         Max.: 60         % Avg.: 32         %           Details of Master Instrument Used for Monitoring Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date           UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         m <sup>3</sup> 1628.6         42.02           Sr. No.         Description         Unit of measurement         Observation           1.         Monitoring Duration         m <sup>3</sup> 1628.6           2.         Flow Rate of PMiso         m <sup></sup>			URA/25	5/03/AIL-J/A-003	Re	oort Issu	e Dat	e		03/04/2	2025		
Jame & Add. of Customer         M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GID CESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA         Job Content of Conten	Service R	equest form No.:	URA/SF	RF/03/003	Ser	vice Req	uest	Date		04/03/2	2025		
PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA         05/03/2025           bates of Sampling / Cocedure:         As per CPCB Guidelines ocation of Sampling / Monitoring:         Date of Testing         05/03/2025           ampling procedure:         As per CPCB Guidelines ocation of Sampling / Monitoring:         Temp.:         Min:         22         °C         Max:         31         °C         Avg.:         26         °C           ampling / Conditions during ampling :         Temp.:         Min:         22         °C         Max:         60         %         Avg.:         26         °C           Details of Master Instrument Used for Monitoring UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/RDS/03         Respirable Dust Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation aper CPCB Guideline         m <sup>3</sup> 1628.6         1.13         3.         1028.6         4.13         24.02         2.103         1.13         3.1628.6         4.13         24.1         1.13         3.1628.6         4.1         Volume of Air Sampled for PM <sub>10</sub> m <sup>3</sup> 24.1         1.13         3.1628.6         4.1         Volume of Air Sampled for PM <sub>25</sub> m	Sample II	D No.:	URA/ID	/A-25/03/003	Fie	ld Data S	Sheet	No.		URA/FD	)S/A-25/	/02/00	3
GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA           Date of Testing         05/03/2025           Date of Testing         05/03/2025           ampling Procedure:         As per CPCB Guidelines           ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower)           invironmental Conditions during ampling:         Temp::         Min::         2 °C         Max::         Avg::         2 8           Details of Master Instrument Used for Monitoring         Termp::         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date           Instrument Moo.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         Next Cali. Date         Next Cali. Date           Instrument Moo.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date           Date of PMato         Instrument Mame         Serial Number         Cali. Date         Next Ca	Name & A	Add. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
DIST-BHARUCH (393110), GUJARAT, INDIA           Dates of Sampling:         O4/03/2025         Date of Testing         O5/03/2025           ampling Procedure:         As per CPCB Guidelines              ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower)          Nax:         31         °C         Avg::         26         °C           ampling frocedure:         As per CPCB Guidelines         Min.:         15         %         Max::         31         °C         Avg::         26         °C           ampling frocedure:         Rel. Humidity:         Min.:         15         %         Max::         31         °C         Avg::         26         °C           Details of Master Instrument Used for Monitoring         Temp:         Min.:         15         %         Max::         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline           24/02         27/03/2025         27/03/2024         27/03/2024         27/03/2025           General Sampling / Monitoring Duration         h         24.02         24.02         24.02         24.02         24.02         24.1         24.02         24.1         24.02         24.02         24.1			PLOT N	0. 758/1-2-3,									
bates of Sampling:         04/03/2025         Date of Testing         05/03/2025           ampling Procedure:         As per CPCB Guidelines </td <td></td> <td></td> <td>GIDC ES</td> <td>STATE, JHAGADIA, <sup>-</sup></td> <td>TALUKA</td> <td>- Jhagadi</td> <td>а</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			GIDC ES	STATE, JHAGADIA, <sup>-</sup>	TALUKA	- Jhagadi	а						
ampling Procedure:         As per CPCB Guidelines           ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower)         Impling:         Avg:: 26 °C           invironmental Conditions during ampling:         Temp.:         Min.: 22 °C         Max.: 60 %         Avg:: 32 %           Details of Master Instrument Used for Monitoring         Rel. Humidity:         Min.: 15 %         Max.: 60 %         Avg:: 32 %           Details of Master Instrument Used for Monitoring         Instrument Name         Serial Number         Call. Date         Next Call. Date           UERL/AIR/FDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline          0bservation         1.13           1.         Monitoring Duration         h         24.02         2.           2.         Flow Rate of PM10         m <sup>3</sup> 1628.6           4.         Volume of Air Sampled for PM25         m <sup>3</sup> 24.1           Environmental Conditions during testing :Temp:: 25 ± 5 °C,         Relative Humidity: 40 to 52%         24           Test Parameter Results         MAME OF GROUP - ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter         Unit         Result         Permissible Limit         Test Me					1								
Details of Manitoring:         ETP Expansion (Nr. Cooling Tower)           Invironmental Conditions during ampling :         Temp.:         Min.:         22         °C         Max.:         31         °C         Avg.:         26         °C           Details of Master Instrument Used for Monitoring         Min.:         15         %         Max.:         60         %         Avg.:         32         %           Details of Master Instrument Used for Monitoring         Instrument Name         Serial Number         Cali. Date         Next					Dat	te of Tes	ting			05/03/2	2025		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			•										
ampling :         Rel. Humidity:         Min.:         15         Max.:         60         %         Avg.:         32         %           Details of Master Instrument Used for Monitoring           Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         URL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025         General Sampling / Monitoring Observation as per CPCB Guideline         Sc. No.         Description         Unit of measurement         Observation         1.1         Monitoring Observation as per CPCB Guideline         Sc. No.         Description         Unit of measurement         Observation         24.02           2.         Flow Rate of PM <sub>10</sub> m <sup>3</sup> 1628.6         4.         Volume of Air Sampled for PM <sub>25</sub> m <sup>3</sup> 24.1           Environmental Conditions during testing :Temp:: 25 ± 5 °C,         Relative Humidity: 40 to 52%           Test Parameter Results           Disciption         MAME OF GROUP - ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter         Unit         Result         Permissible Limit         Test Method           1.12            µg/m <sup>3</sup> 74.2					Ir. Cooli	ng Towe		r			r		
Details of Master Instrument Used for Monitoring         Imstrument I         Next Cali. Date         Next Cali. Date           Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date           UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/PS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         57. No.         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         24.02         2.         Flow Rate of PM <sub>10</sub> m³         1628.6           4.         Volume of Air Sampled for PM <sub>10</sub> m³         1628.6         4.         Volume of Air Sampled for PM <sub>10</sub> m³         24.1           Environmental Conditions during testing :Temp:: 25 ± 5 °C,         Relative Humidity: 40 to 52%         Test Parameter         Unit         Result         Permissible Limit         Test Method           1.         Particulate Matter PM <sub>10</sub> µg/m³         30.2         60         IS 5182 (Part 23)           2.         Particulate Matter PM <sub>10</sub> µg/m³         31.7         80         IS: 5182 (Part 24)	Environm	nental Conditions du	ring	Temp.:	Min	.: 22		Max.:	31	-	Avg.:		-
Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date           UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/FPS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         28/03/2024         27/03/2025         28/03/2024         27/03/2025           Sr. No.         Description         Unit of measurement         Observation         0         0           1.         Monitoring Duration         h         24.02         2         Flow Rate of PM <sub>10</sub> m³ min         1.13           3.         Volume of Air Sampled for PM <sub>10</sub> m³         1628.6         m3         24.1           Environmental Conditions during testing :Temp.: 25 ± 5 °C,         Relative Humidity: 40 to 52%         27         21.1           DISCIPLINE – CHEMICAL TESTING         NAME OF GROUP – ATMOSPHERIC POLLUTION         Sista (Part 2)         30.2         60         15 5182 (Part 23)           2.         Particulate Matter PM <sub>10</sub> µg/m³         74.2         100         15: 5182 (Part 24)           3.         Sulphur Dioxide         µg/m³         21.7         80					Min	.: 15	%	Max.:	60	%	Avg.:	32	%
UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/FPS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline          28/03/2024         27/03/2025           Sr. No.         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         24.02           2.         Flow Rate of PM <sub>10</sub> m <sup>3</sup> /min         1.13           3.         Volume of Air Sampled for PM <sub>25</sub> m <sup>3</sup> 24.1           Environmental Conditions during testing :Temp::25 ± 5 °C, Test Parameter Results         m <sup>3</sup> 24.1           DISCIPLINE - CHEMICAL TESTING         NAME OF GROUP - ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter         Unit         Result         Permissible Limit         Test Method           1.         Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup> 74.2         100         IS: 5182 (Part 23)           2.         Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup> 18.8         80         IS: 5182 (Part 24)           3.         Sulphur Dioxide         µg/m <sup>3</sup> 12.7         80         IS: 5182 (Part 24) <td>Detail</td> <td>s of Master Instrum</td> <td>ent Used</td> <td>for Monitoring</td> <td></td> <td></td> <td></td> <td></td> <td>r</td> <td></td> <td></td> <td></td> <td></td>	Detail	s of Master Instrum	ent Used	for Monitoring					r				
UERL/AIR/FPS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         24.02         2.         Flow Rate of PM <sub>10</sub> m³/min         1.13           3.         Volume of Air Sampled for PM <sub>10</sub> m³         1628.6         4.         Volume of Air Sampled for PM <sub>25</sub> m³         24.1           Environmental Conditions during testing :Temp.: 25 ± 5 °C, Telative Humidity: 40 to 52%           Test Parameter Results           DISCIPLINE – CHEMICAL TESTING           NAME OF GROUP – ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter           Unit         Result           Test Matter PM <sub>10</sub> µg/m³         74.2         100         15: 5182 (Part 23)           Query matter           2.         Particulate Matter PM <sub>10</sub> µg/m³         30.2         600         15 S182 (Part 23)           Query matter         µg/m³         318.8         80         15: S182 (Part 23)           Query matter													
General Sampling / Monitoring Observation as per CPCB GuidelineSr. No.DescriptionUnit of measurementObservation1.Monitoring Durationh24.022.Flow Rate of PM10m³/min1.133.Volume of Air Sampled for PM25m³1628.64.Volume of Air Sampled for PM25m³24.1Environmental Conditions during testing :Temp:: $25 \pm 5  ^{\circ}$ C, Relative Humidity: 40 to 52%Test Parameter ResultsDISCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONSr. No.Test ParameterUnitResultDISCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONSr. No.Test ParameterUnitResultDISCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONSr. No.Test ParameterUnitResultOSCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONState ParameterUnitResultsDISCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONState ParameterUnitResultsProduct mathematic page2													

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:

Caudings 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)

					Ξ,						
Test Report No.:	URA/25	5/03/AIL-J/A-003	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SR	F/03/003	Servio	e Req	uest	Date		04/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/003	Field	Data S	heet	No.		URA/FD	S/A-25	/02/00	3
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	IITED								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jh	nagadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA							
Dates of Sampling:	04/03/2	2025	Date	of Test	ing			05/03/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	ETP Expansion (Nr.	Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	22	٥C	Max.:	31	٥C	Avg.:	26	°C
Sampling :		Rel. Humidity:	Min.:	15	%	Max.:	60	%	Avg.:	32	%
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/03	Respira	able Dust Sampler		21010	)3158	}	28/	/03/2024	2	7/03/2	025
UERL/AIR/FPS/03	Fine Pa	rticulate Sampler		21020	)2146	;	28/	/03/2024	2	7/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.13
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1628.6
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	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 -TC15	53452500002590F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-007	Re	oort Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	F/03/007	Sei	vice Req	uest	Date		06/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/007	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/00	7
Name & A	dd. of Customer	M/s. A/	ARTI INDUSTRIES LI	MITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, T	ALUKA	- Jhagadi	а						
			IARUCH (393110),									
Dates of S		06/03/2		Da	te of Tes	ting			07/03/2	2025		
	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	Near Main Gate									
	ental Conditions dur	ing	Temp.:	Min		<sup>0</sup> C	Max.:	33	٥C	Avg.:	24	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 8	%	Max.:	59	%	Avg.:	27	%
	s of Master Instrum											
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	_/AIR/RDS/01		able Dust Sampler		21010				3/2024		/03/2	
	L/AIR/FPS/01		irticulate Sampler		21020	02145		28/0	)3/2024	27	/03/2	)25
	al Sampling / Monit	-	-	CB Gui								
Sr. No.			iption		U	Init of	measure	ment			ervatio	on
1.	Monitoring Dur	3160					h				24.46	
2.	Flow Rate of PN					here,	m <sup>3</sup> /min				1.12	
3.	Volume of Air S			and a second		-	m <sup>3</sup>	10	- 10 - A		643.7	
4.	Volume of Air S						m <sup>3</sup>				24.5	
	nmental Conditions	during te	esting :Temp.: 25 ±	5 °C,	Rela	ative H	lumidity:	40 to 5	52%			
	arameter Results		naantaad Di					50 / C				
	E – CHEMICAL TEST						TMOSPH	ALL PARTY				
Sr. No.	Test Para	meter	Unit		esult		Permissi	ble Lin	nit	Test	Metho	bd
1.	Particulate Matter	PM10	μg/m³		75.3		10	00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³		23.3		6	0		IS 5182	2 (Part	24)
3.	Sulphur Dioxide		μg/m³		20.4		-	0		IS: 518		,
4.	Nitrogen Dioxide		μg/m³		24.0		8	-		IS: 518		
5.	Ozone		μg/m³		8.5		18	30		IS: 518		
6.	Ammonia (NH <sub>3</sub> )		μg/m³		10.4			00		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 (Part	: 22)
9.	Benzene		μg/m³	BDL (	MDL:1.0)	)	5.	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	BDL (	MDL:0.1)	)	1.	.0		IS: 518	2 (Part	: 12)
11.	Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
12.	Arsenic		ng/m <sup>3</sup>	BDL (	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: R. D. Gohd 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 AIR MONITORING)

			(AIVIDIEINT A			U)						
<b>Test Report No.:</b>		URA/25	5/03/AIL-J/A-007	Repo	rt Issu	e Dat	е		03/04/2	/04/2025		
Service Request	form No.:	URA/SR	F/03/007	Servi	ce Req	uest	Date		06/03/2	5/03/2025		
Sample ID No.:		URA/ID	/A-25/03/007	Field	Field Data Sheet No. URA/F				URA/FE	)S/A-25,	/02/00	7
Name & Add. of (	Customer	M/s. A	ARTI INDUSTRIES LIN	<b>/IITED</b>								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, TA	LUKA- JI	hagadi	а						
		DIST-BH	BHARUCH (393110), GUJARAT, INDIA									
Dates of Samplin	g:	06/03/2	2025	Date	of Test	ing			07/03/2	2025		
Sampling Proced	ure:	As per (	CPCB Guidelines									
Location of Samp	ling / Monito	oring:	Near Main Gate									
Environmental Co	onditions du	ring	Temp.:	Min.:	15	<sup>0</sup> C	Max.:	33	٥C	Avg.:	24	٥C
Sampling :			Rel. Humidity:	Min.:	8	%	Max.:	59	%	Avg.:	27	%
Details of Mas	ster Instrum	ent Used	for Monitoring									
Instrument	ld No.	Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/R	DS/01	Respira	able Dust Sampler		210103157			28/03/2024		2	27/03/202	
UERL/AIR/FPS/01 Fine Particulate Sampler				210202145 28/03/2024 27/03/2025					025			
General Samp	oling / Monit	oring Ob	servation as per CPC	B Guide	line					•		
Sr. No.	Description				Unit of measurement Observation					on		

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.46
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.12
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1643.7
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	ittett at	NAME OF GROUP – ATMOSPHERIC POLLUTION							
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method					
1.	Hydrochloric Acid (HCl)	µg/m³	26.3		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)

	53452500002591F										
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-008	Report Issue	e Dat	e	03/04	/2025			
Service R	equest form No.:	URA/SR	F/03/008	Service Req	uest	Date	06/03	/2025			
Sample I		URA/ID	/A-25/03/008	Field Data S	heet	No.	URA/F	DS/A-	25/02	2/008	
Name & A	Add. of Customer	PLOT N GIDC ES	ARTI INDUSTRIES LII O. 758/1-2-3, STATE, JHAGADIA, TA	ALUKA- Jhagadia							
Datas of (	Sampling:	06/03/2	ARUCH (393110), (	Date of Test			07/03	/2025			
	Procedure:		CPCB Guidelines	Date of Test	.irig		07/05	/2025			
	of Sampling / Monito		Emergency Gate (	DG Cooling Tow	(or)						
	ental Conditions du		Temp.:	Min.: 15	°C	Max.:	33 <sup>0</sup> C	Av	<del>م</del> .	24	<sup>0</sup> C
Sampling		шg	Rel. Humidity:	Min.: 8	%	Max.:	<u> </u>	Av		27	%
	s of Master Instrum	ent lised		IVIII. 0	70	IVIAX	55 70	~*;	5	27	70
	rument Id No.		rument Name	Serial N	lumb	er	Cali. Date		Next	Cali	Date
	L/AIR/RDS/02		able Dust Sampler	21010			28/03/202			03/20	
	L/AIR/FPS/02		articulate Sampler	21010			28/03/202		,	03/20	
	al Sampling / Monit				/214/		20/03/202		277	55720	23
Sr. No.			iption V		nit of	measure	ment		Obsei	vatio	n
1.	Monitoring Dur					h			24.03		
2.	Flow Rate of PN	20 A			- 6	31 .				~~	
۷.		0110				m <sup>2</sup> /min			1.	.08	
3.	Volume of Air S		or PM <sub>10</sub>			m <sup>3</sup> /min m <sup>3</sup>				.08 57.1	
3. 4.	Volume of Air S Volume of Air S	ampled for ampled for	or PM <sub>2.5</sub>	E °C Polo		m <sup>3</sup> m <sup>3</sup>	40 to 52%		15		
3. 4. ► Enviro ► Test Pa	Volume of Air S	ampled fo ampled fo during to	or PM <sub>2.5</sub> esting :Temp.: 25 ± :	5 °C, Rela	tive H	m <sup>3</sup> m <sup>3</sup> lumidity:	40 to 52% ERIC POLLU	TION	15	57.1	
3. 4. Enviro Test Pa	Volume of Air S Volume of Air S onmental Conditions arameter Results	ampled fo ampled fo during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ± :		tive H	m <sup>3</sup> m <sup>3</sup> lumidity:	ERIC POLLU		15	57.1 4.1	d
3. 4. Enviro Test Pa DISCIPLIN	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST	ampled fo ampled fo during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± :	NAME OF GROU	tive H	m <sup>3</sup> m <sup>3</sup> Iumidity: ATMOSPH Permissi	ERIC POLLU	Т	15! 24	57.1 4.1 Ietho	
3. 4. Enviro Test Pa DISCIPLIN Sr. No.	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit	NAME OF GROU Result	tive H	m <sup>3</sup> m <sup>3</sup> Iumidity: ATMOSPH Permissi	ERIC POLLU ble Limit	T IS:	15! 24	57.1 4.1 <b>letho</b> (Part	23)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1.	Volume of Air S Volume of Air S nmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit μg/m <sup>3</sup>	NAME OF GROU Result 78.6	tive H	m <sup>3</sup> m <sup>3</sup> Jumidity: ATMOSPH Permissi 1(	ERIC POLLU ble Limit 00	T IS: IS !	15! 2 <sup>,</sup> <b>`est N</b> 5182	57.1 4.1 <b>letho</b> (Part	23) 24)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1. 2.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6	ERIC POLLU ble Limit 00 0	T IS: IS ! IS:	15! 24 <b>Test N</b> 5182	57.1 4.1 letho (Part (Part (Part	23) 24) : 2)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GROU Result 78.6 35.3 20.8	tive F	m <sup>3</sup> m <sup>3</sup> Jumidity: TMOSPH Permissi 1( 6 8	ERIC POLLU ble Limit 00 0 0 0	T IS: IS ! IS: IS:	155 24 <b>Fest N</b> 5182 5182 5182	57.1 4.1 Ietho (Part (Part (Part (Part	23) 24) : 2) : 6)
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GROU Result 78.6 35.3 20.8 24.5	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8	ERIC POLLU ble Limit 00 0 0 0 30	T  S:  S:  S:  S:	15! 24 <b>Fest W</b> 5182 5182 5182 5182	57.1 4.1 letho (Part (Part (Part (Part	23) 24) : 2) : 6) : 9)
3. 4. • Enviro • Test Pa DISCIPLIN 5r. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	ampled for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8	ERIC POLLU ble Limit 00 0 0 0 0 30 00	T  S:  S:  S:  S:  S:	15! 24 <b>Fest N</b> 5182 5182 5182 5182 5182	57.1 4.1 Ietho (Part (Part (Part (Part (Part	23) 24) : 2) : 6) : 9) 25)
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8 18 40	ERIC POLLU ble Limit 00 0 0 0 30 00 00 0 0	T  S:  S:  S:  S:  S:  S:	15! 24 5182 5182 5182 5182 5182 5182 5182 5182	57.1 4.1 letho (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 22) 25) 25) 10) 22)
3. 4. • Enviro • Test Pa DISCIPLIN 5r. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S Normental 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	ampled for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0) BDL (MDL:1.0) BDL (MDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: <b>NTMOSPH</b> Permissi 10 6 8 8 8 8 18 18 40 21	ERIC POLLU ble Limit 00 0 0 0 30 00 00 0 0	T  S:  S:  S:  S:  S:  S:  S:  S:	15! 24 5 5 5 5 182 5 182 5 182 5 182 5 182 5 182 5 182 5 182 5 182	57.1 4.1 letho (Part (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 23) 25) 25) 25) 22) 22) 11)
3. 4. Enviro Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8.	Volume of Air S Volume of Air S Volume of Air S Armental 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0) BDL (MDL:1.0) BDL (MDL:0.5) BDL (MDL:1.0) BDL (MDL:0.1)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 18 2 1 2 1 1 5	ERIC POLLU ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T IS: IS: IS: IS: IS: IS: IS: IS: IS:	15! 24 5182 5182 5182 5182 5182 5182 5182 5182	57.1 4.1 letho (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 23) 25) 25) 10) 22) 11) 12)
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 Normental 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	ampled for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0) BDL (MDL:1.0) BDL (MDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 40 2 1 1 5 1	ERIC POLLU ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T IS: IS: IS: IS: IS: IS: IS: IS: IS:	15! 24 5 5 5 5 182 5 182 5 182 5 182 5 182 5 182 5 182 5 182 5 182	57.1 4.1 letho (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 23) 25) 25) 10) 22) 11) 12)
3. 4. ► Enviro ► Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Volume of Air S Volume of Air S Volume of Air S Armental 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0) BDL (MDL:1.0) BDL (MDL:0.5) BDL (MDL:1.0) BDL (MDL:0.1)	tive F	m <sup>3</sup> m <sup>3</sup> Jumidity: ATMOSPH Permissi 10 6 8 8 18 18 18 10 1 1 5 5 1 1 1 2	ERIC POLLU ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T  S:  S:  S:  S:  S:  S:  S:  S:  S:  S:	15! 24 5182 5182 5182 5182 5182 5182 5182 5182	57.1 4.1 letho (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 23) 25) 25) 25) 22) 11) 12) 22) 22) 22)
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 Volume of Air S 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GROU Result 78.6 35.3 20.8 24.5 BDL (MDL:5.0) BDL (MDL:5.0) BDL (MDL:1.0) BDL (MDL:0.1) BDL (MDL:0.1) BDL (MDL:1.0)	tive F	m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8 8 8 8 18 10 10 10 10 10 10 10 10 10 10 10 10 10	ERIC POLLU ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T IS: IS: IS: IS: IS: IS: IS: IS: IS: IS:	15! 24 26 27 27 27 27 27 27 27 27 27 27 27 27 27	57.1 4.1 Iethoo (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part (Part	23) 24) 23) 25) 25) 22) 10) 22) 11) 12) 26) 22)

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

#### TEST REPORT (AMBIENT AIR MONITORING)

		(AIVIDIEINT AI			<b>U</b> )						
Test Report No.:	URA/25	5/03/AIL-J/A-008	Repor	rt Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SR	F/03/008	Servio	e Req	uest	Date		06/03/2025			
Sample ID No.:	URA/ID	/A-25/03/008	Field Data Sheet No. URA/FDS/A-25/02/00						8		
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	1ITED								
	PLOT N	0. 758/1-2-3,									
GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia											
DIST-BHARUCH (393110), GUJARAT, INDIA											
Dates of Sampling:	06/03/2	2025	Date o	of Test	ing			07/03/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monited	oring:	Emergency Gate (D	G Coolir	ng Tov	/er)						
Environmental Conditions du	ring	Temp.:	Min.:	15	<sup>0</sup> C	Max.:	33	٥C	Avg.:	24	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	8	%	Max.:	59	%	Avg.:	27	%
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/02	Respira	able Dust Sampler		21010	3156	;	28/	/03/2024	27	7/03/2	025
UERL/AIR/FPS/02	Fine Pa	articulate Sampler		21020	)2147	,	28/	/03/2024	27	7/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.03
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.08
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1557.1
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	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter Unit		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)

1.Particulate Matter PM10μg/m³70.4100IS: 5182 (Part 23)2.Particulate Matter PM2.5μg/m³32.660IS 5182 (Part 24)3.Sulphur Dioxideμg/m³21.480IS: 5182 (Part 2)4.Nitrogen Dioxideμg/m³25.680IS: 5182 (Part 6)5.Ozoneμg/m³8.5180IS: 5182 (Part 2)6.Ammonia (NH3)μg/m³12.3400IS: 5182 (Part 2)7.Carbon Monoxide (CO)mg/m³BDL (MDL:1.0)2.0IS: 5182 (Part 22)9.Benzeneμg/m³BDL (MDL:0.5)1.0IS: 5182 (Part 10)8.Lead (Pb)μg/m³BDL (MDL:0.1)1.0IS: 5182 (Part 12)10.Benzo(a)Pyrene (BaP)ng/m³BDL (MDL:0.1)1.0IS: 5182 (Part 12)11.Nickelng/m³BDL (MDL:1.0)20IS: 5182 (Part 22)13.Chlorine (Cl2)μg/m³BDL (MDL:1.0)IS: 5182 (Part 12)14.Volatile Organic Compoundμg/m³BDL (MDL:1.0)IS: 5182 (Part 11)	ULR -TC1	53452500002592F												
ample ID No.:         URA/ID/A-25/03/009         Field Data Sheet No.         URA/FDS/A-25/02/009           Jame & Add. of Customer         M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (39310), GUJARAT, INDIA            Jates of Sampling:         Obf/32025         Date of Testing         07/03/2025           ampling:         Obf/32025         Date of Testing         07/03/2025           ampling:         Obf/32025         Date of Testing         07/03/2025           ampling:         Monitoring:         ETP Expansion (Nr. Cooling Tower)            invironmental Conditions during         Temp.:         Min.: 15         °C         Max:: 33         °C         Avg:: 27         %           Oetalls of Master Instrument Used for Monitoring         Temp.:         Min.: 15         °C         Max:: 59         %         Avg:: 27         %           Oetalls of Master Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         Next Cali. Date         17/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         Signampling / Monitoring Observation as per CPCB Guideline         28/03/2024         27/03/2025           General Sampled for PM1₀         m³         110         10         10         10	Test Repo	ort No.:	URA/25	5/03/AIL-J/	/A-009	Re	port Issu	e Dat	e					
Hame & Add. of Customer         M/s. AARTI INDUSTRIES LIMITED PLOT NO. 758/1-2-3, GIO ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA           Dates of Sampling:         06/03/2025         Date of Testing         07/03/2025           ampling Procedure:         As per CPCB Guidelines         07/03/2025           ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower)         07/03/2025           Invironmental Conditions during         Temp.:         Min.:         15 °C         Max.:         33 °C         Avg.:         24 °C           Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date           UERL/AIR/FP5/03         Fine Particulate Sampler         21002146         28/03/2024         27/03/2025           General Sampling / Monitoring Doservation as per CPCB Guideline         n <sup>3</sup> 1577.4         4           Volume of Air Sampled for PMi <sub>10</sub> m <sup>3</sup> 1577.4         2.3.9           Test Parameter Results         NAME OF GROUP + ATMOSPHERIC POLLUTION         S15182 (Part 23)           Scilphur Dioxide         µg/m <sup>3</sup> 32.6         60         15 5182 (Part 23)           1.         Monitoring Duration         n         23.9         15 5182 (Part 24)           2.         Flow R	Service R	equest form No.:	URA/SF	RF/03/009		Sei	vice Rec	uest	Date		06/03/2	2025		
PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA         O7/03/2025           bates of Sampling:         06/03/2025         Date of Testing         07/03/2025           ampling procedure:         As per CPCB Guidelines ocation of Sampling / Monitoring:         ITP Expansion (Nr. Cooling Tower)         Instrument Valued for Monitoring         Instrument Valued for Monitoring           ampling is         Min.:         15         %         Max.:         59         %         Avg.:         24         %           Details of Master Instrument Used for Monitoring         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         Vext Cali. Date			URA/ID	/A-25/03/0	009	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	/02/00	Э
bates of Sampling:         06/03/2025         Date of Testing         07/03/2025           ampling Procedure:         As per CPCB Guidelines </td <td>Name &amp; /</td> <td>Add. of Customer</td> <td>PLOT N GIDC ES</td> <td>O. 758/1-2 STATE, JHA</td> <td>-3, GADIA, <sup>-</sup></td> <td>TALUKA</td> <td>- Jhagadi</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Name & /	Add. of Customer	PLOT N GIDC ES	O. 758/1-2 STATE, JHA	-3, GADIA, <sup>-</sup>	TALUKA	- Jhagadi							
ampling Procedure:         As per CPCB Guidelines           ocation of Sampling / Monitoring:         ETP Expansion (Nr. Cooling Tower)           invironmental Conditions during         Temp.:         Min.:         15         °C         Max.:         59         %         Avg.:         24         °C           mapling:         Rel. Humidity:         Min.:         15         °C         Max.:         59         %         Avg.:         27         %           Details of Master Instrument Used for Monitoring         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         Next Cali. Date         Vext Cali. Date         Va/7/03/2024         27/03/2025         General Sampling / Monitoring Duration         h         23.90         T/7/03/2025         General Sampled for PM10         Int of measurement         Observation         1.10         1.30         Yo/Yo/3/2024         23.9         T/7/04         4.         Volume of Air Sampled for PM10         m³         1.577.4 <td></td> <td></td> <td></td> <td></td> <td>93110),</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					93110),	1								
Details of Manitoring:         ETP Expansion (Nr. Cooling Tower)           Invironmental Conditions during ampling :         Temp.:         Min.:         15         °C         Max.:         33         °C         Avg.:         24         °C           Details of Master Instrument Used for Monitoring         Min.:         8         Max.:         59         %         Avg.:         27         %           Details of Master Instrument Used for Monitoring         Instrument Name         Serial Number         Cali. Date         Next Cali. Date		· -				Da	te of Tes	ting			07/03/2	2025		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				1				<u> </u>						
ampling :         Rel. Humidity:         Min.:         8         Max.:         59         Avg.:         27         %           Details of Master Instrument Used for Monitoring           Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date         Next Cali. Date         Uext Cali. Date         Next Cali. Date			-	· ·	insion (I	1					0.5	_		0.0
Details of Master Instrument Used for Monitoring         Instrument I         Next Cali. Date         Next Cali. Date           Instrument Id No.         Instrument Name         Serial Number         Cali. Date         Next Cali. Date           UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/PS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         57. No.         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         23.90         2.         Flow Rate of PM <sub>10</sub> m³         1.577.4           3.         Volume of Air Sampled for PM <sub>10</sub> m³         1.577.4         3.2.9         2.9           Environmental Conditions during testing :Temp:: 25 ± 5 °C,         Relative Humidity: 40 to 52%         23.9           Test Parameter Results         NAME OF GROUP - ATMOSPHERIC POLLUTION         55.182 (Part 23)           Sr. No.         Test Parameter         Unit         Result         Permissible Limit         Test Method           1.         Particulate Matter PM <sub>10</sub> µg/m³         32.6         60         15.5182 (Part 23)           2.			ring								-			
Instrument Id No.Instrument NameSerial NumberCali. DateNext Cali. DateUERL/AIR/RDS/03Respirable Dust Sampler21010315828/03/202427/03/2025UERL/AIR/FPS/03Fine Particulate Sampler21020214628/03/202427/03/2025General Sampling / Monitoring Observation as per CPCB Guideline5r. No.DescriptionUnit of measurementObservation1.Monitoring Durationh23.902.902.902.902.Flow Rate of PM10m³/min1.101.103.Volume of Air Sampled for PM10m³1577.43.904.Volume of Air Sampled for PM25m³23.9Environmental Conditions during testing :Temp.: $25 \pm 5$ °C,Relative Humidity: 40 to 52%Test Parameter ResultsNAME OF GROUP - ATMOSPHERIC POLLUTIONSr. No.Test ParameterUnit1.Particulate Matter PM10 $\mu g/m^3$ 2.Particulate Matter PM10 $\mu g/m^3$ 3.Sulphur Dioxide $\mu g/m^3$ 4.Nitrogen Dioxide $\mu g/m^3$ 5.Ozone $\mu g/m^3$ 6.Ammonia (NH3) $\mu g/m^3$ 7.Carbon Monoxide (CO)mg/m³8.Lead (Pb) $\mu g/m^3$ 9.Benzene $\mu g/m^3$ 10.Benzene $\mu g/m^3$ 11.Nickel $ng/m^3$ 12.3AdO0IS: 5182 (Part 25)7.Carbon Monoxide (CO)mg/m³8.Lead (Pb) $\mu g/m^3$ 9.Benzen						Min	.: 8	%	Max.:	59	%	Avg.:	27	%
UERL/AIR/RDS/03         Respirable Dust Sampler         210103158         28/03/2024         27/03/2025           UERL/AIR/FPS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline          28/03/2024         27/03/2025           Sr. No.         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         23.90           2.         Flow Rate of PM <sub>10</sub> m <sup>3</sup> /min         1.10           3.         Volume of Air Sampled for PM <sub>25</sub> m <sup>3</sup> 23.9           Environmental Conditions during testing :Temp::25 ± 5 °C, Test Parameter Results         m <sup>3</sup> 23.9           DISCIPLINE - CHEMICAL TESTING         NAME OF GROUP - ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter         Unit         Result         Permissible Limit         Test Method           1.         Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup> 70.4         100         IS: 5182 (Part 23)           2.         Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup> 21.4         80         IS: 5182 (Part 24)           3.         Sulphur Dioxide         µg/m <sup>3</sup> 21.4         80         IS: 5182 (Part 24) <td></td> <td></td> <td></td> <td></td> <td></td> <td>- [</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						- [								
UERL/AIR/FPS/03         Fine Particulate Sampler         210202146         28/03/2024         27/03/2025           General Sampling / Monitoring Observation as per CPCB Guideline         Description         Unit of measurement         Observation           1.         Monitoring Duration         h         23.90         2.         Flow Rate of PM <sub>10</sub> m³/min         1.10           3.         Volume of Air Sampled for PM <sub>10</sub> m³         1577.4         1.00           4.         Volume of Air Sampled for PM <sub>25</sub> m³         23.9           Environmental Conditions during testing :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 52%           Test Parameter Results           DISCIPLINE – CHEMICAL TESTING           NAME OF GROUP – ATMOSPHERIC POLLUTION           Sr. No.         Test Parameter           Ug/m³         70.4         100           IS ± 5182 (Part 24)           Sisting Particulate Matter PM <sub>10</sub> µg/m³         70.4         100         15: 5182 (Part 23)           Sisting Particulate Matter PM <sub>10</sub> µg/m³         21.4         80         15: 5182 (Part 23)           Ozone         µg/m³         12.3         400         15: 5182 (Part														
General Sampling / Monitoring Observation as per CPCB GuidelineSr. No.DescriptionUnit of measurementObservation1.Monitoring Durationh23.902.Flow Rate of PM10m³/min1.103.Volume of Air Sampled for PM2.5m³23.90Environmental Conditions during testing :Temp:: $25 \pm 5$ °C,Relative Humidity: 40 to 52%Test Parameter ResultsNAME OF GROUP - ATMOSPHERIC POLLUTIONScr. No.Test ParameterUnitParticulate Matter PM10 $\mu g/m^3$ 2.Particulate Matter PM10 $\mu g/m^3$ 2.Particulate Matter PM2.5 $\mu g/m^3$ 3.Sulphur Dioxide $\mu g/m^3$ 3.Sulphur Dioxide $\mu g/m^3$ 4.Nitrogen Dioxide $\mu g/m^3$ 5.Ozone $\mu g/m^3$ 6.Ammonia (NH3) $\mu g/m^3$ 7.Carbon Monoxide (CO) $m g/m^3$ 8.Lead (Pb) $\mu g/m^3$ 9.Benzene $\mu g/m^3$ 9.Benzene $\mu g/m^3$ 10.Benzene $\mu g/m^3$ 11.Nickel $n g/m^3$ 12.Arsenic $n g/m^3$ 13.Chlorine (Cl2) $\mu g/m^3$ 14.Volute (Cl2) $\mu g/m^3$ 15.S182 (Part 22)13.Chlorine (Cl2) $\mu g/m^3$ 14.Volute Organic Compound14.Volute Organic Compound14.Volute Organic Compound14.Volute Organic Compound14.Vol						_					•			
Sr. No.DescriptionUnit of measurementObservation1.Monitoring Durationh23.902.Flow Rate of PM10m³/min1.103.Volume of Air Sampled for PM25m³1577.44.Volume of Air Sampled for PM25m³23.9Environmental Conditions during testing :Temp.: $25 \pm 5  ^{\circ}$ C, Relative Humidity: 40 to 52%Test Parameter ResultsDISCIPLINE - CHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC POLLUTIONSr. No.Test ParameterUnitResultParticulate Matter PM10 $\mug/m^3$ 2.Particulate Matter PM25 $\mug/m^3$ 3.Sulphur Dioxide4.Nitrogen Dioxide3.Sulphur Dioxide4.Nitrogen Dioxide5.Ozone6.														

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.



GPCB Recognized Environmental Auditor (Schedule-11)

ISO 9001: 2015 Certified Company

ISO 45001 : 2018 **Certified Company** 

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

		(AIVIBIENT A		IORIN	G)						
Test Report No.:	URA/25	5/03/AIL-J/A-009	Repo	rt Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/009	Servio	e Req	uest	Date		06/03/2025			
Sample ID No.:	URA/ID	/A-25/03/009	Field	Data S	heet	No.		URA/FDS/A-25/02/009			
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>/IITED</b>								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jł	agadi	а						
	DIST-BHARUCH (393110), GUJARAT, INDIA										
Dates of Sampling:	06/03/2	03/2025 Date of Testing 07/03/2025									
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monit	oring:	ETP Expansion (Nr.	. Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	15	<sup>0</sup> C	Max.:	33	٥C	Avg.:	24	٥C
Sampling :		Rel. Humidity:	Min.:	8	%	Max.:	59	%	Avg.:	27	%
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/03	Respira	able Dust Sampler		21010	)3158	5	28/	03/2024	2	7/03/2	025
UERL/AIR/FPS/03	Fine Pa	articulate Sampler		21020	)2146	j	28/	03/2024	2	7/03/2	025
General Sampling / Monit	toring Ob	servation as per CPC	B Guidel	ine					•		-

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	23.90
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1577.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	23.9
Environi	mental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

**Test Parameter Results** 5

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







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	3452500002596F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-013	Rep	ort Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	RF/03/013	Ser	vice Req	uest	Date		11/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/013	Fiel	d Data S	heet	No.		URA/FD	S/A-25/	02/01	3
Name & A	dd. of Customer	M/s. A	ARTI INDUSTRIES LI	MITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, T	ALUKA-	Jhagadi	а						
			IARUCH (393110),									
Dates of S	· -	11/03/2		Dat	e of Test	ting			12/03/2	2025		
	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	Near Main Gate				1		_	1		
	ental Conditions dur	ing	Temp.:	Min.		<sup>0</sup> C	Max.:	38	٥C	Avg.:	30	٥C
Sampling			Rel. Humidity:	Min.	: 16	%	Max.:	50	%	Avg.:	31	%
	of Master Instrume									- 1		
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	/AIR/RDS/01		able Dust Sampler		21010				03/2024		/03/2	
	_/AIR/FPS/01		articulate Sampler		21020	)2145		28/0	03/2024	27	/03/2	025
	al Sampling / Monit	-		CB Guio								
Sr. No.			iption	1	U	nit of	measure	ment			ervati	on
1.	Monitoring Dur	160					<u>h</u>				24.57	
2.	Flow Rate of PN				m <sup>3</sup> /min						1.07	
3.	Volume of Air S			100	3	1	m <sup>3</sup>	and an			577.4	
4.	Volume of Air S			5.00	Dala		m <sup>3</sup>	10.1-	520/	1990-1990 1990-1990	24.6	
	nmental Conditions	during te	esting : Temp.: 25 ±	5°C,	Rela	tive F	lumidity:	40 to	52%			
	arameter Results E – CHEMICAL TEST		nmant and D				атмозрн					
				10000		15 7 4	9 ho 100 h hito	ALC: N				
Sr. No.	Test Para	neter	Unit		esult		Permissi	ble Lir	nit	lest	Metho	Da
1.	Particulate Matter	PM10	μg/m³		31.6			00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³		31.3		6	-		IS 5182	· ·	
3.	Sulphur Dioxide		μg/m <sup>3</sup>		.9.3		8	-		IS: 518		,
4.	Nitrogen Dioxide		μg/m <sup>3</sup>		23.5		8	-		IS: 518		
5.	Ozone		μg/m <sup>3</sup>		MDL:5.0)		18	-		IS: 518		
6.	Ammonia (NH₃)		μg/m³		MDL:5.0)		40			IS: 518		
7.	Carbon Monoxide	(CO)	mg/m <sup>3</sup>	•	MDL:1.0)		2.			IS: 518		
8.	Lead (Pb)		μg/m³		MDL:0.5)		1.			IS: 518		
9.	Benzene		μg/m <sup>3</sup>		MDL:1.0)		5.			IS: 518		
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	•	MDL:0.1)		1.			IS: 518		
11.	Nickel		ng/m <sup>3</sup>	-	MDL:1.0)		2			IS: 518		
12.	Arsenic		ng/m <sup>3</sup>		MDL:1.0)		6.	.0		IS: 518		
13.	Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>		MDL:2.0)		-	-		IS: 518		-
14.	Volatile Organic Co	pmpound	μg/m <sup>3</sup>	BDL (I	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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

## TEST REPORT (AMBIENT AIR MONITORING)

			(AIVIDIEINT A			9						
Test Report No.:		URA/25	5/03/AIL-J/A-013	Repo	rt Issu	e Dat	е		03/04/2	2025		
Service Request f	form No.:	URA/SR	F/03/013	Servi	ce Req	uest	Date		11/03/2	2025		
Sample ID No.:		URA/ID	/A-25/03/013	Field	Data S	heet	No.		URA/FE	DS/A-25	/02/01	.3
Name & Add. of C	Customer	M/s. A	ARTI INDUSTRIES LIN	<b>1ITED</b>								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	TATE, JHAGADIA, TA	LUKA- J	hagadia	a						
		DIST-BH	IARUCH (393110), G	UJARAT	, INDIA							
Dates of Sampling	<u>.</u>	11/03/2	2025	Date	of Test	ing			12/03/2	2025		
Sampling Procedu	ure:	As per 0	CPCB Guidelines									
Location of Samp	ling / Monito	oring:	Near Main Gate									
Environmental Co	onditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	°C
Sampling :			Rel. Humidity:	Min.:	16	%	Max.:	50	%	Avg.:	31	%
Details of Mas	ster Instrum	ent Used	for Monitoring									
Instrument I	d No.	Inst	rument Name	S	erial N	umb	er	Ca	li. Date	Ne	xt Cali.	Date
UERL/AIR/RI	DS/01	Respira	able Dust Sampler		21010	3157		28/	03/2024	2	7/03/2	.025
UERL/AIR/FF	PS/01	Fine Pa	rticulate Sampler		21020	2145	1	28/	03/2024	- 2	7/03/2	.025
General Samp	ling / Monit	oring Obs	servation as per CPC	B Guide	line							
Sr. No.		Descr	iption		U	nit of	measure	ement		Ob	servati	on

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.57
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>	1577.4
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6
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 POLLUT	ION
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m³	17.4		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	53452500002597F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-014	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	RF/03/014	Sei	vice Req	uest	Date		11/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/014	Fie	ld Data S	Sheet	No.		URA/FC	S/A-25/	02/01	4
Name & A	dd. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, 1	FALUKA	- Jhagadi	а						
			IARUCH (393110),									
Dates of S	·	11/03/2		Da	te of Tes	ting			12/03/2	2025		
1 0	Procedure:	•	CPCB Guidelines									
	of Sampling / Monito		Emergency Gate	-			1					
	ental Conditions dur	ing	Temp.:	Min		٥C	Max.:	38	٥C	Avg.:	30	٥C
Sampling			Rel. Humidity:	Min	.: 16	%	Max.:	50	%	Avg.:	31	%
	of Master Instrum											
	ument Id No.		rument Name	_	Serial N				i. Date		t Cali.	
	/AIR/RDS/02		able Dust Sampler		21010				)3/2024		/03/2	
	L/AIR/FPS/02		articulate Sampler		21020	02147		28/0	)3/2024	27	/03/2	025
	al Sampling / Monit			PCB Gui								
Sr. No.			iption		U	nit of	measure	ment			ervati	on
1.	Monitoring Dur	3160		740		6	h				24.02	
2.	Flow Rate of PN					-	m <sup>3</sup> /min				1.18	
3.	Volume of Air S					1 de	m <sup>3</sup>	10			700.6	
4.	Volume of Air S						m <sup>3</sup>	Seat 10			24.1	
	nmental Conditions	during to	esting :Temp.: 25 ±	5 °C,	Rela	tive I	lumidity:	40 to 5	52%			
	arameter Results		naant and D					100 A				
	E – CHEMICAL TEST		<u>unien and r</u>	1.		<u>ир – 4</u>	TMOSPH	ALL PARTY	100			
Sr. No.	Test Para	meter	Unit		esult		Permissi	ble Lin	nit	Test	Metho	bd
1.	Particulate Matter	PM10	μg/m³		88.4			00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³		38.2		6	0		IS 518	•	
3.	Sulphur Dioxide		μg/m³		18.8		8	0		IS: 518		,
4.	Nitrogen Dioxide		μg/m³		21.7		8	0		IS: 518		
5.	Ozone		μg/m³		8.2		18	30		IS: 518	32 (Par	t 9)
6.	Ammonia (NH₃)		μg/m³		10.6			00		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 (Part	: 22)
9.	Benzene		μg/m³		MDL:1.0)		5.	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	BDL (	MDL:0.1)	)	1.	.0		IS: 518	2 (Part	: 12)
11.	Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
12.	Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	6	.0		IS: 518	2 (Part	: 22)
13.	Chlorine (Cl <sub>2</sub> )		μg/m³		8.2		-	-		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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

# TEST REPORT

	(AIVIDIENT A		IONIN	G)						
URA/25	5/03/AIL-J/A-014	Repo	rt Issu	e Dat	e		03/04/2	2025		
URA/SR	F/03/014	Servio	e Req	uest	Date		11/03/2	2025		
URA/ID	/A-25/03/014	Field	Data S	heet	No.		URA/FD	S/A-25	/02/01	4
M/s. A	ARTI INDUSTRIES LIN	<b>/ITED</b>								
PLOT N	0. 758/1-2-3,									
GIDC ES	TATE, JHAGADIA, TA	LUKA- Jł	nagadi	а						
DIST-BH	IARUCH (393110), G	iUJARAT,	INDIA							
11/03/2	2025	Date	of Test	ing			12/03/2	2025		
As per 0	CPCB Guidelines									
oring:	Emergency Gate (	)G Coolii	ng Tov	ver)						
ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	<sup>0</sup> C
	Rel. Humidity:	Min.:	16	%	Max.:	50	%	Avg.:	31	%
ent Used	for Monitoring				•					
Inst	rument Name	S	erial N	lumb	er	Ca	li. Date	Ne	xt Cali.	Date
Respira	able Dust Sampler		21010	)3156	5	28/	03/2024	2	7/03/2	025
Fine Pa	rticulate Sampler		21020	)2147	7	28/	03/2024	2	7/03/2	025
	URA/SR URA/ID M/s. AA PLOT NG GIDC ES DIST-BH 11/03/2 As per ( Doring: ring ent Used Inst Respire	URA/25/03/AIL-J/A-014           URA/SRF/03/014           URA/ID/A-25/03/014           M/s. AARTI INDUSTRIES LIN           PLOT NO. 758/1-2-3,           GIDC ESTATE, JHAGADIA, TA           DIST-BHARUCH (393110), G           11/03/2025           As per CPCB Guidelines           oring:         Emergency Gate (I           ring         Temp.:	URA/25/03/AIL-J/A-014       Report         URA/SRF/03/014       Service         URA/SRF/03/014       Field         M/s. AARTI INDUSTRIES LIMITED       PLOT NO. 758/1-2-3,         GIDC ESTATE, JHAGADIA, TALUKA- JH       DIST-BHARUCH (393110), GUJARAT,         11/03/2025       Date of the second sec	URA/25/03/AIL-J/A-014Report IssueURA/SRF/03/014Service ReqURA/ID/A-25/03/014Field Data SM/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,GIDC ESTATE, JHAGADIA, TALUKA- JhagadiaDIST-BHARUCH (393110), GUJARAT, INDIA11/03/2025Date of TestAs per CPCB Guidelinesoring:Emergency Gate (DG Cooling TowringTemp.:Min.: 23Rel. Humidity:Min.: 16ent Used for MonitoringInstrument NameSerial NRespirable Dust Sampler21010	URA/SRF/03/014Service RequestURA/ID/A-25/03/014Field Data SheetM/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,GIDC ESTATE, JHAGADIA, TALUKA- JhagadiaDIST-BHARUCH (393110), GUJARAT, INDIA11/03/2025Date of TestingAs per CPCB Guidelinesoring:Emergency Gate (DG Cooling Tower)ringTemp.:Min.:23CRel. Humidity:Min.:16%Instrument NameRespirable Dust Sampler210103156	URA/25/03/AIL-J/A-014Report Issue DateURA/SRF/03/014Service Request DateURA/ID/A-25/03/014Field Data Sheet No.M/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,GIDC ESTATE, JHAGADIA, TALUKA- JhagadiaDIST-BHARUCH (393110), GUJARAT, INDIA11/03/2025Date of TestingAs per CPCB Guidelinesoring:Emergency Gate (DG Cooling Tower)ringTemp.:Min.:23CMax.:ent Used for MonitoringInstrument NameRespirable Dust Sampler210103156	URA/25/03/AIL-J/A-014Report Issue DateURA/SRF/03/014Service Request DateURA/ID/A-25/03/014Field Data Sheet No.M/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,GIDC ESTATE, JHAGADIA, TALUKA- JhagadiaDIST-BHARUCH (393110), GUJARAT, INDIA11/03/2025Date of TestingAs per CPCB Guidelinesoring:Emergency Gate (DG Cooling Tower)ringTemp.:Min.:23Rel. Humidity:Min.:16%Max.:50ent Used for MonitoringInstrument NameSerial Number21010315628/	URA/25/03/AIL-J/A-014Report Issue Date03/04/2URA/SRF/03/014Service Request Date11/03/2URA/ID/A-25/03/014Field Data Sheet No.URA/FDM/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,URA/FDGIDC ESTATE, JHAGADIA, TALUKA- JhagadiaDIST-BHARUCH (393110), GUJARAT, INDIA12/03/211/03/2025Date of Testing12/03/2As per CPCB Guidelinesoring:Emergency Gate (DG Cooling Tower)ringTemp.:Min.: 23 °CMax.: 38 °CRel. Humidity:Min.: 16 %Max.: 50 %ent Used for MonitoringEntrument NameSerial NumberCali. DateRespirable Dust Sampler21010315628/03/2024	URA/25/03/AIL-J/A-014Report Issue Date03/04/2025URA/SRF/03/014Service Request Date11/03/2025URA/ID/A-25/03/014Field Data Sheet No.URA/FDS/A-25M/s. AARTI INDUSTRIES LIMITEDPLOT NO. 758/1-2-3,URA/FDS/A-25PLOT NO. 758/1-2-3,GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia12/03/2025DIST-BHARUCH (393110), GUJARAT, INDIA11/03/2025Date of Testing12/03/2025As per CPCB GuidelinesDate of Testing12/03/2025As per CPCB Guidelinesoring:Emergency Gate (DG Cooling Tower)Temp.:38°CAvg.:ringTemp.:Min.: 23°CMax.: 50%Avg.:ent Used for MonitoringInstrument NameSerial NumberCali. DateNeRespirable Dust Sampler21010315628/03/20242	URA/25/03/AIL-J/A-014         Report Issue Date         03/04/2025           URA/SRF/03/014         Service Request Date         11/03/2025           URA/ID/A-25/03/014         Field Data Sheet No.         URA/FDS/A-25/02/01           M/s. AARTI INDUSTRIES LIMITED         PLOT NO. 758/1-2-3,         URA/EDS/A-25/02/01           PLOT NO. 758/1-2-3,         GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia         12/03/2025           As per CPCB Guidelines         Date of Testing         12/03/2025           As per CPCB Guidelines         Min.: 23 °C         Max.: 38 °C         Avg.: 30           ring         Temp.:         Min.: 16 %         Max.: 50 %         Avg.: 31           ent Used for Monitoring         Instrument Name         Serial Number         Cali. Date         Next Cali.           Respirable Dust Sampler         210103156         28/03/2024         27/03/2

# General Sampling / Monitoring Observation as per CPCB Guideline

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.02
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.18
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1700.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
Environ	nental 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 POLLUTI	ON
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)

Test Repor	3452500002598F											
-	rt No.:	URA/25	5/03/AIL-J/A-015	Rep	oort Issu	e Dat	е		03/04/2	2025		
Service Re	quest form No.:	URA/SR	RF/03/015	Ser	vice Req	uest l	Date		11/03/2	2025		
Sample ID	No.:	URA/ID	/A-25/03/015	Fie	ld Data S	heet	No.		URA/FD	S/A-25/	02/01	5
Name & Ac	dd. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, 1	FALUKA-	- Jhagadi	а						
		DIST-BH	HARUCH (393110),	<b>GUJAR</b>	AT, INDIA							
Dates of Sa		11/03/2		Dat	te of Test	ing			12/03/2	2025		
Sampling P		· · ·	CPCB Guidelines									
	f Sampling / Monito	-	ETP Expansion (N	Ir. Cooli	ng Towe	-						
Environme	ental Conditions du	ring	Temp.:	Min.	.: 23	٥C	Max.:	38	°C	Avg.:	30	<sup>0</sup> C
Sampling :			Rel. Humidity:	Min.	.: 16	%	Max.:	50	%	Avg.:	31	%
Details	of Master Instrum	ent Used	for Monitoring	n						-		
Instru	ument Id No.	Inst	rument Name		Serial N	lumb	er		i. Date		t Cali.	
	/AIR/RDS/03		able Dust Sampler		21010	)3158		28/0	03/2024		7/03/2	
	/AIR/FPS/03		articulate Sampler		21020	)2146		28/0	03/2024	27	7/03/2	025
Genera	l Sampling / Monit			CB Gui	deline							
Sr. No.	<i></i>		iption 🔪		U	nit of	measure	ment		Obs	ervati	on
1.	Monitoring Dur	20.0					h	_			24.10	
2.	Flow Rate of PN						m <sup>3</sup> /min				1.11	
3.	Volume of Air S					and a	m <sup>3</sup>				.605.1	
4.	Volume of Air S						m <sup>3</sup>	And an			24.1	
	mental Conditions	during to	esting :Temp.: 25 ±	: 5 °C,	Rela	tive H	lumidity:	40 to .	52%			
Test Par	rameter Results											
			nessed and D		املاطم		at tal.	San Area				
	E – CHEMICAL TEST	ING	nment and A			JP – A	тмозрн	1000	1000	ON		
DISCIPLINE Sr. No.			Unit		OF GROU esult	JP - 4	ATMOSPH Permissi	1000	1000		Metho	od
Sr. No.	E – CHEMICAL TEST	meter	Unit μg/m <sup>3</sup>	R		JP – A	Permissi	1000	1000			
<b>Sr. No.</b> 1. 2.	E – CHEMICAL TEST Test Para	meter PM10	μg/m <sup>3</sup> μg/m <sup>3</sup>	R( 2	<b>esult</b> 32.6 28.6	JP – A	Permissi	ble Lir 00	1000	Test	2 (Part	: 23)
<b>Sr. No.</b> 1. 2.	E – CHEMICAL TEST Test Para Particulate Matter	meter PM10	μg/m³	R( 2	esult 32.6	JP – A	Permissi 1(	ble Lir 00 0	1000	<b>Test</b> IS: 518 IS 518 IS: 518	2 (Part 2 (Part 32 (Par	: 23) 24) t 2)
Sr. No.           1.           2.           3.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	meter PM10	μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup> μg/m <sup>3</sup>	Ri 2 2	<b>esult</b> 32.6 28.6	JP – A	Permissi 1( 6	ble Lir 00 0 0	1000	<b>Test</b> IS: 518 IS 518 IS: 518	2 (Part 2 (Part	: 23) 24) t 2)
Sr. No.           1.           2.           3.           4.           5.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	meter PM10	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>	Ri 2 2 2 2 2	esult 32.6 28.6 20.7		Permissi 10 6 8 8	ble Lir 00 0 0	1000	Test IS: 518 IS 518 IS: 518 IS: 518	2 (Part 2 (Part 32 (Par	: 23) 24) t 2) t 6)
Sr. No.           1.           2.           3.           4.           5.           6.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	PM <sub>10</sub> 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>	R 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0		Permissi 10 6 8 8	ble Lir 00 0 0 0 30	1000	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)
Sr. No.         1.         2.         3.         4.         5.         6.         7.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	PM <sub>10</sub> 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> mg/m <sup>3</sup>	R 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0)		Permissi 10 6 8 8 8 18	ble Lir 00 0 0 0 0 30 00	1000	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	: 23) 24) t 2) t 6) t 9) : 25) : 10)
Sr. No.         1.         2.         3.         4.         5.         6.         7.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³	R 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9		Permissi 10 6 8 8 18 40 2	ble Lir 00 0 0 0 0 30 00	1000	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	: 23) 24) t 2) t 6) t 9) : 25) : 10)
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³	Ri 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0)		Permissi 10 6 8 8 18 18 2 2	ble Lir 0 0 0 30 30 00	1000	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)
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³	Ri 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0) MDL:0.5)		Permissi 10 6 8 8 8 18 40 2. 1 1 5	ble Lir 0 0 0 0 0 30 00 .0	1000	Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (Part 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 22)
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.         9.         10.	E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³	Ri 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0) MDL:0.5) MDL:1.0)		Permissi 10 6 8 8 18 40 2 1 1 5 5 1	ble Lir 00 0 0 30 00 .0 .0	1000	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 2 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 22)
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.         9.         10.         11.	E – 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	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³	R 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:5.0) MDL:1.0) MDL:0.5 MDL:0.1)		Permissi 10 6 8 8 18 40 2 2 1 1 5 5 1 1 2	ble Lir 0 0 0 0 30 30 0 0 .0 .0 .0 .0	1000	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) 25) 20) 22) t10) 22) t11) 22) t11) 22) t12) 26)
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.         9.         10.         11.	E – 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	PM <sub>10</sub> PM <sub>2.5</sub>	μg/m³           ng/m³           ng/m³	R 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0) MDL:1.0) MDL:1.0) MDL:1.0)		Permissi 10 6 8 8 18 40 2. 1. 5. 1. 1. 2 6.	ble Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000	Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (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) 25) 25) 22) t10) 22) t11) 22) 26) 22) 22) 20) 20) 20) 20) 20) 20) 20) 20
Sr. No.         1.         2.         3.         4.         5.         6.         7.         8.         9.         10.         11.         12.         13.	E – 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	meter PM <sub>10</sub> PM <sub>2.5</sub> (CO) aP)	μg/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³           ng/m³	Ri 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	esult 32.6 28.6 20.7 23.0 MDL:5.0) 8.9 MDL:1.0 MDL:0.5 MDL:1.0 MDL:1.0 MDL:1.0		Permissi 10 6 8 8 18 40 2 10 5 11 2 6 - - - - - - - - - - - - -	ble Lir 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000	Test IS: 518 IS: 518	2 (Part 2 (Part 32 (Par 32 (Par 32 (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) 25) 25) 22) t11) 22) t11) 22) 26) 22) 20) 21) 21) 22) 21) 22) 22) 22) 22) 22) 22

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

## TEST REPORT (AMBIENT AIR MONITORING)

					с,						
Test Report No.:	URA/25	5/03/AIL-J/A-015	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SR	F/03/015	Servio	e Req	uest	Date		11/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/015	Field	Data S	heet	No.		URA/FD	S/A-25	/02/01	5
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>1ITED</b>								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jh	nagadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA							
Dates of Sampling:	11/03/2	2025	Date	of Test	ing			12/03/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	ETP Expansion (Nr.	Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	°C
Sampling :		Rel. Humidity:	Min.:	16	%	Max.:	50	%	Avg.:	31	%
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/03	Respira	able Dust Sampler		21010	)3158	3	28/	/03/2024	2	7/03/2	025
UERL/AIR/FPS/03	Fine Pa	articulate Sampler		21020	)2146	j	28/	/03/2024	2	7/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
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>	1605.1
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
Environr	nental 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 POLLUT	ON
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method
1.	Hydrochloric Acid (HCl)	µg/m³	26.7		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)

	53452500002602F									
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-019	Report Issu	ue Dat	e	03/04/	2025		
Service R	equest form No.:	URA/SR	F/03/019	Service Re	quest	Date	14/03/	2025		
Sample II		URA/ID	/A-25/03/019	Field Data	Sheet	No.	URA/F	DS/A-25	/02/01	9
Name & A	Add. of Customer	PLOT N GIDC ES	ARTI INDUSTRIES LII O. 758/1-2-3, STATE, JHAGADIA, TA	ALUKA- Jhagad						
Datas of (	Sampling:	14/03/2	ARUCH (393110), (	Date of Tes			17/03/	2025		
	Procedure:		CPCB Guidelines	Date of Tes	sting		17/05/	2025		
	of Sampling / Monito		Near Main Gate							
	ental Conditions du		Temp.:	Min.: 23	٥C	Max.:	38 <sup>0</sup> C	Avg.:	31	<sup>0</sup> C
Sampling		шg	Rel. Humidity:	Min.: 23	%	Max.:	57 %	Avg.:		%
	s of Master Instrum	ont lisod		14111 13	70	IVIAX	57 70	۸۷۵۰۰	50	70
	rument Id No.		rument Name	Serial	Numh	or	Cali. Date	Ne	xt Cali.	Date
	L/AIR/RDS/01		able Dust Sampler		.03157		28/03/202		7/03/2	
	L/AIR/FPS/01		irticulate Sampler		02145		28/03/202		7/03/2	
	al Sampling / Monit				02143		20/03/202	-	.,,03,2	025
Sr. No.			iption V		Jnit of	measure	ment	Ob	servati	on
1.	Monitoring Dur					h			24.25	
2.	Flow Rate of PN	20 A			10	31 .			4.40	
۷.		0110				m <sup>°</sup> /min			1.19	
3.	Volume of Air S		or PM <sub>10</sub>		_	m <sup>3</sup> /min m <sup>3</sup>		6	1.19	
3. 4.	Volume of Air S Volume of Air S	ampled for ampled for	or PM <sub>2.5</sub>			m <sup>3</sup> m <sup>3</sup>	40 40 520/	22		
3. 4. ► Enviro ► Test Pa	Volume of Air S	ampled fo ampled fo during to	or PM <sub>2.5</sub> esting :Temp.: 25 ± :	5 °C, Rel		m <sup>3</sup> m <sup>3</sup> lumidity:	40 to 52% ERIC POLLUT		1731.5	
3. 4. Enviro Test Pa	Volume of Air S Volume of Air S onmental Conditions arameter Results	ampled fo ampled fo during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ± :			m <sup>3</sup> m <sup>3</sup> lumidity:	ERIC POLLUT	TION	1731.5	od
3. 4. Enviro Test Pa DISCIPLIN	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST	ampled for ampled for during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± :	NAME OF GRO		m <sup>3</sup> m <sup>3</sup> Iumidity: ATMOSPH Permissi	ERIC POLLUT	TION Tes	1731.5 24.3	
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No.	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit	NAME OF GRO Result		m <sup>3</sup> m <sup>3</sup> Iumidity: ATMOSPH Permissi	ERIC POLLUT ble Limit	TION Tes IS: 51	1731.5 24.3 t Methe	: 23)
3. 4. • Enviro • Test Pa DISCIPLIN Sr. No. 1.	Volume of Air S Volume of Air S nmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit μg/m <sup>3</sup>	NAME OF GRO Result 78.4		m <sup>3</sup> m <sup>3</sup> Jumidity: ATMOSPH Permissi 1(	ERIC POLLUT ble Limit 00	TION Tes IS: 51 IS 51	1731.5 24.3 t Metho 82 (Part	: 23) 24)
3. 4. • Enviro • Test P. DISCIPLIN Sr. No. 1. 2.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit μg/m <sup>3</sup> μg/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1		m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6	ERIC POLLUT ble Limit 00 0	TION Tes IS: 51 IS 51 IS: 52	1731.5 24.3 t Metho 82 (Part 32 (Part	: 23) 24) t 2)
3. 4. • Enviro • Test P DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S Volume of Air S onmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GRO Result 78.4 29.1 23.5		m <sup>3</sup> m <sup>3</sup> Jumidity: TMOSPH Permissi 1( 6 8	ERIC POLLUT ble Limit 00 0 0 0	ION Tes IS: 51 IS 51: IS: 52 IS: 52	1731.5 24.3 <b>t Metho</b> 82 (Part 32 (Part 182 (Part	t 23) 24) t 2) t 6)
3. 4. Enviro Test Po DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled for ampled for during to ING meter PM <sub>10</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GRO Result 78.4 29.1 23.5 27.1		m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8	ERIC POLLUT ble Limit 00 0 0 0 0 30	TON Tes IS: 51 IS: 52 IS: 52 IS: 52 IS: 52	1731.5 24.3 t Metho 82 (Part 32 (Part 182 (Part 182 (Part 182 (Part	t 23) 24) t 2) t 6) t 9)
3. 4. • Enviro • Test Pi DISCIPLIN 5r. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results VE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	ampled for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GRO Result 78.4 29.1 23.5 27.1 10.2		m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8	ERIC POLLUT ble Limit 00 0 0 0 0 0 30 00	TON Tes IS: 51 IS: 51 IS: 52 IS: 52 IS: 52	1731.5 24.3 t Metho 82 (Part 32 (Part 182 (Par 182 (Par 182 (Par	t 23) 24) t 2) t 6) t 9) t 25)
3. 4. • Enviro • Test P. DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6.	Volume of Air S Volume of Air S Nonmental Conditions arameter Results NE – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled for ampled for during to ING meter PM <sub>10</sub> PM <sub>2.5</sub>	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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 OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9	UP - 4	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8 18 40	ERIC POLLUT ble Limit 00 0 0 0 30 00 00 0 0	TON Tes IS: 51 IS: 52 IS: 52 IS: 52 IS: 51 IS: 51 IS: 51 IS: 51	1731.5 24.3 t Metho 82 (Part 182 (Part 182 (Part 182 (Part 82 (Part 82 (Part 82 (Part 82 (Part	(23) (24) (t 2) (t 6) (t 9) (t 9) (t 25) (t 10) (t 22)
3. 4. • Enviro • Test Pi DISCIPLIN 5r. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S Nonmental 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	ampled for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9 BDL (MDL:1.0 BDL (MDL:0.5 BDL (MDL:1.0	DUP - 4	m <sup>3</sup> m <sup>3</sup> lumidity: <b>NTMOSPH</b> Permissi 10 6 8 8 8 8 18 18 40 21	ERIC POLLUT ble Limit 00 0 0 0 30 00 00 0 0	ION           IS: 51           IS: 52           IS: 52           IS: 52           IS: 52           IS: 51	1731.5 24.3 t Metho 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part 82 (Part	(23) (24) (t 2) (t 6) (t 9) (c 25) (c 20) (c 22) (c 11)
3. 4. Enviro Test P. DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8.	Volume of Air S Volume of Air S Volume of Air S Armental 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9 BDL (MDL:1.0 BDL (MDL:1.0 BDL (MDL:1.0	DUP - 4	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 8 18 2 1 2 1 1 5	ERIC POLLUT ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0	TON Tes IS: 51 IS: 51 IS: 52 IS: 52 IS: 51 IS: 51 IS: 51 IS: 51 IS: 51 IS: 51 IS: 51	1731.5 24.3 t Metho 82 (Part 82 (Part	(23) (24) (t 2) (t 6) (t 9) (t 25) (t 25) (t 10) (t 22) (t 11) (t 12)
3. 4. Enviro Test P. DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Volume of Air S Volume of Air S Nonmental 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	ampled for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9 BDL (MDL:1.0 BDL (MDL:0.5 BDL (MDL:1.0	DUP - 4	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 18 40 2 1 1 5 1	ERIC POLLUT ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0	TON Tes IS: 51 IS: 51	1731.5 24.3 t Metho 82 (Part 82 (Part	23) 24) t 2) t 6) t 9) 25) 25) 25) 22) t 10) 22) t 11) 22) t 12) 23)
3. 4. ► Enviro ► Test P. DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Volume of Air S Volume of Air S Volume of Air S Armental 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 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> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9 BDL (MDL:1.0 BDL (MDL:1.0 BDL (MDL:1.0	DUP - 4	m <sup>3</sup> m <sup>3</sup> Jumidity: ATMOSPH Permissi 10 6 8 8 18 18 18 10 1 1 5 5 1 1 1 2	ERIC POLLUT ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ION           Tes           IS: 51           IS: 52           IS: 52           IS: 52           IS: 51           IS: 51	1731.5 24.3 t Metho 82 (Part 82 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 22) t11) 22) t12) 22) 22)
3. 4. 5 Enviro 5 Test Pa DISCIPLIN 5r. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Volume of Air S Volume of Air S Volume of Air S 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 for ampled for during to ING PM10 PM2.5 (CO)	or PM <sub>2.5</sub> esting :Temp.: 25 ± 1 Unit µg/m <sup>3</sup> µg/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME OF GRO Result 78.4 29.1 23.5 27.1 10.2 8.9 BDL (MDL:1.0 BDL (MDL:1.0 BDL (MDL:0.1 BDL (MDL:0.1 BDL (MDL:1.0	DUP - 4	m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6 8 8 8 8 8 18 10 6 10 10 10 10 10 10 10 10 10 10 10 10 10	ERIC POLLUT ble Limit 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ION           Tes           IS: 51           IS: 52           IS: 52           IS: 52           IS: 51           IS: 51	1731.5 24.3 t Metho 82 (Part 82 (Part	23) 24) t 2) t 6) t 9) 25) 25) 20) 22) t11) 22) t11) 22) t12) 22) 22)

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

## TEST REPORT (AMBIENT AIR MONITORING)

		(AIVIDIEINT A		IONIN	iu)						
Test Report No.:	URA/2	5/03/AIL-J/A-019	Repo	rt Issu	e Dat	e		03/04/	2025		
Service Request form No.:	URA/SI	RF/03/019	Servio	e Req	uest	Date		14/03/	2025		
Sample ID No.:	URA/ID	/A-25/03/019	Field	Data S	heet	No.		URA/FE	DS/A-25/	/02/01	9
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	/ITED								
	PLOT N	0. 758/1-2-3,									
	GIDC E	STATE, JHAGADIA, TA	LUKA- Jł	nagadi	а						
	DIST-BI	HARUCH (393110), G	UJARAT,	INDIA	١						
Dates of Sampling:	14/03/	2025	Date	of Test	ting			17/03/	2025		
Sampling Procedure:	As per	CPCB Guidelines									
Location of Sampling / Mon	itoring:	Near Main Gate									
Environmental Conditions d	uring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	31	٥C
Sampling :		Rel. Humidity:	Min.:	13	%	Max.:	57	%	Avg.:	30	%
Details of Master Instrui	ment Used	for Monitoring									
Instrument Id No.	Ins	trument Name	S	erial N	lumb	er	Ca	li. Date	Nex	kt Cali.	Date
UERL/AIR/RDS/01	Respir	able Dust Sampler		21010	)3157	,	28/	03/2024	27	7/03/2	025
UERL/AIR/FPS/01	Fine Pa	articulate Sampler		21020	)2145	,	28/	03/2024	27	7/03/2	025
General Sampling / Mor	itoring Ob	servation as per CPC	B Guide	ine					•		
Sr. No.	Deee								Oha		

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.25
2.	Flow Rate of PM <sub>10</sub>	m³/min	1.19
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1731.5
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	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







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	53452500002603F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-020	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	A/SRF/03/020 Service Request Date 14/03/2025					2025				
Sample ID	) No.:	URA/ID	/A-25/03/020	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/02	0
Name & A	dd. of Customer	M/s. A/	ARTI INDUSTRIES LI	MITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	ESTATE, JHAGADIA, TALUKA- Jhagadia									
			IARUCH (393110),									
Dates of S		14/03/2		Da	te of Tes	ting			17/03/2	2025		
	Procedure:	•	CPCB Guidelines									
	of Sampling / Monito		Emergency Gate									
	ental Conditions dur	ing	Temp.:	Min		٥C	Max.:	38	<sup>0</sup> C	Avg.:	31	٥C
Sampling			Rel. Humidity:	Min	.: 13	%	Max.:	57	%	Avg.:	30	%
	s of Master Instrum			- <u>-</u>								
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	_/AIR/RDS/02		able Dust Sampler		21010				03/2024		/03/2	
	L/AIR/FPS/02		irticulate Sampler		21020	02147		28/0	03/2024	27	/03/2	025
	al Sampling / Monit	-		CB Gui								
Sr. No.			iption		U	Init of	measure	ment			ervati	on
1.	Monitoring Dur	3160					h			24.19		
2.	Flow Rate of PN			1		here,	m <sup>3</sup> /min				1.11	
3.	Volume of Air S			100		-	m <sup>3</sup>	1			611.1	
4.	Volume of Air S						m <sup>3</sup>				24.2	
	nmental Conditions	during te	esting :Temp.: 25 ±	5 °C,	Rela	ative H	lumidity:	40 to .	52%			
	arameter Results		nnaant and D							~		
	E – CHEMICAL TEST			1000			TMOSPH	ALL PARTY				
Sr. No.	Test Para	meter	Unit	R	esult		Permissi	ble Lir	nit	Test	Meth	bd
1.	Particulate Matter	PM10	μg/m³		81.9		10	00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³		26.1		6	0		IS 518	2 (Part	24)
3.	Sulphur Dioxide		μg/m³		23.6		-	0		IS: 518		,
4.	Nitrogen Dioxide		μg/m³		28.6		8	-		IS: 518		
5.	Ozone		μg/m³		10.4		18	30		IS: 518		
6.	Ammonia (NH₃)		μg/m³	-	MDL:5.0)			00		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	BDL (	MDL:1.0)	)	5.	.0		IS: 518	82 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	BDL (	MDL:0.1)	)	1.	.0		IS: 518	2 (Pari	: 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 (Part	: 22)
13.	Chlorine (Cl <sub>2</sub> )		μg/m³	BDL (	MDL:2.0)	)	-			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: R. D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Judips 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 AIR MONITORING)

		(AIVIDIEIVI A			iu)						
Test Report No.:	URA/25	5/03/AIL-J/A-020	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/020	Servio	e Req	uest	Date		14/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/020	Field	Data S	heet	No.		URA/FD	S/A-25/	02/02	0
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>/IITED</b>								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jh	agadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA	۱						
Dates of Sampling:	14/03/2	2025	Date of	of Test	ting			17/03/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monit	oring:	Emergency Gate (	OG Coolir	ng Tov	ver)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	°C	Avg.:	31	٥C
Sampling :		Rel. Humidity:	Min.:	13	%	Max.:	57	%	Avg.:	30	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Nex	t Cali.	Date
UERL/AIR/RDS/02	Respira	pirable Dust Sampler 210103156 28/03/2024 27/03/2					/03/2	025			
								100 1000 4	0-	10010	0.05

Ē	Sr No		Description	Unit of measure	mont	Observation
)	General S	ampling / Monit	oring Observation as per CPC	B Guideline		
	UERL/A	IR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024	27/03/2025
	UERL/AI	IR/ RD3/02	Respirable Dust Sampler	210105150	28/05/2024	27/05/2025

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.19
2.	Flow Rate of PM <sub>10</sub>	//min	1.11
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1611.1
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%	

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







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	3452500002604F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-021	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	RF/03/021         Service Request Date         14/03/2025									
Sample ID	) No.:	URA/ID	/A-25/03/021	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/02	1
Name & A	dd. of Customer	M/s. A	ARTI INDUSTRIES L	IMITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, <sup>•</sup>	ATE, JHAGADIA, TALUKA- Jhagadia								
			IARUCH (393110),	1								
Dates of S		14/03/2		Da	te of Tes	ting			17/03/2	2025		
1 0	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	ETP Expansion (	1	-		1			1		
	ental Conditions dur	ing	Temp.:	Min		٥C	Max.:	38	٥C	Avg.:	31	٥C
Sampling			Rel. Humidity:	Min	.: 13	%	Max.:	57	%	Avg.:	30	%
	of Master Instrume											
	ument Id No.		rument Name	_	Serial N				i. Date		t Cali.	
	/AIR/RDS/03		able Dust Sampler		2101				03/2024		/03/2	
	_/AIR/FPS/03		articulate Sampler		2102	02146	)	28/0	)3/2024	27	/03/2	025
	al Sampling / Monit	-		PCB Gui								
Sr. No.			iption	100	U	Init of	measure	ment			ervati	on
1.	Monitoring Dur	160				_	h			24.54		
2.	Flow Rate of PN					here	m <sup>3</sup> /min				1.13	
3.	Volume of Air S			12.4		1	m <sup>3</sup>	1	Share and		663.8	
4.	Volume of Air S			F 0C	Dela		m <sup>3</sup>	10.1-1	520/	1990-1990 1990-1990	24.6	
	nmental Conditions	during te	esting : remp.: 25 1	:5°C,	Rela	itive r	lumidity:	40 to :	52%			
	arameter Results E – CHEMICAL TEST		annant and D	NAME			атмозрн					
			<u>Anni Gin, Ang P</u>				9 ho 100 h hito	ALL PARTY				
Sr. No.	Test Para	neter	Unit		esult		Permissi	ble Lir	nit	lest	Metho	Da
1.	Particulate Matter	PM10	μg/m <sup>3</sup>		74.1			00		IS: 518		,
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m <sup>3</sup>		21.7		6	-		IS 5182	· ·	
3.	Sulphur Dioxide		μg/m <sup>3</sup>		17.4		-	0		IS: 518		
4.	Nitrogen Dioxide		μg/m <sup>3</sup>		20.3		8	-		IS: 518		
5.	Ozone		μg/m <sup>3</sup>	-	MDL:5.0			30		IS: 518		
6.	Ammonia (NH₃)		μg/m <sup>3</sup>		MDL:5.0			00		IS: 518		
7.	Carbon Monoxide	(CO)	mg/m <sup>3</sup>		MDL:1.0		2.			IS: 518		
8.	Lead (Pb)		μg/m <sup>3</sup>		MDL:0.5		1.			IS: 518		,
9.	Benzene		μg/m <sup>3</sup>	-	MDL:1.0		5.			IS: 518		
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>		MDL:0.1		1.			IS: 518		
11.	Nickel		ng/m <sup>3</sup>	-	MDL:1.0			0		IS: 518		
12.	Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 5182 (Part 2		
13.	Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>		4.8		-	-		IS: 518		-
14.	Volatile Organic Co	pmpound	μg/m <sup>3</sup>	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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

# TEST REPORT (AMBIENT AIR MONITORING)

					<b>U</b> ,						
Test Report No.:	URA/25	5/03/AIL-J/A-021	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SR	F/03/021	Servio	e Req	uest	Date		14/03/2	2025		
Sample ID No.:	URA/ID	A/ID/A-25/03/021 Field Data Sheet No. URA/FDS/A-25/02/021							21		
Name & Add. of Customer	M/s. A	/s. AARTI INDUSTRIES LIMITED									
	PLOT N	0. 758/1-2-3,									
	GIDC ES	TATE, JHAGADIA, TA	LUKA- Jh	agadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA	۱						
Dates of Sampling:	14/03/2	2025	Date of	of Test	ting			17/03/2	2025		
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	ETP Expansion (Nr.	. Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	°C	Avg.:	31	٥C
Sampling :		Rel. Humidity:	Min.:	13	%	Max.:	57	%	Avg.:	30	%
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/03	Respira	Respirable Dust Sampler 210103158 28/03/2024 27/03/2025									
UERL/AIR/FPS/03	Fine Pa	e Particulate Sampler 210202146 28/03/2024 27/03/2025									

≻	General S	ampling / Monit	toring Observation as pe	er CPCB	Guideline	1

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.54
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>	1663.8
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6
Environr	nental Conditions during testing :Temp.: 25 ± 5 °C,	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter Unit		Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	17.5		UERL/AIR/SOP/07				
Remarks:									

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

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

Checked By:

D. Gohil

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	53452500002608F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-025	Re	oort Issu	e Dat	e		03/04/2	2025		
Service R	equest form No.:	URA/SR	RF/03/025	Sei	vice Req	uest	Date		17/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/025	Field Data Sheet No. URA/FDS/A-25						02/02	5	
Name & A	dd. of Customer	M/s. A	ARTI INDUSTRIES	LIMITED								
PLOT NO. 758												
			STATE, JHAGADIA,		-							
				(393110), GUJARAT, INDIA								
Dates of S		17/03/2		Da	te of Tes	ting			18/03/2	2025		
	Procedure:		CPCB Guidelines									
	of Sampling / Monito	-	Near Main Gate				1		0			
	ental Conditions dur	ing	Temp.:	Min		°C	Max.:	34	°C	Avg.:	28	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 12	%	Max.:	55	%	Avg.:	25	%
	s of Master Instrume			1						1		
	ument Id No.		trument Name		Serial N				i. Date		t Cali.	
	/AIR/RDS/01		able Dust Sampler		21010				3/2024		/03/2	
	L/AIR/FPS/01		articulate Sampler		21020	J2145	)	28/0	3/2024	27	/03/2	J25
	al Sampling / Monit		-	PCB Gui						-		
Sr. No.			ription		Unit of measuremen							on
1.	Monitoring Dur					h		24.53				
2.	Flow Rate of PN	DN4				m <sup>3</sup> /min m <sup>3</sup>				1.14		
<u> </u>	Volume of Air S Volume of Air S			m <sup>3</sup>				1677.9 24.6				
	nmental Conditions			+ E 0C	Pola	tivo L	lumidity:	10 to 1	= 20/		24.0	
	arameter Results	uuring te	esting remp. 25	13 C,	Rela	live	iunnuity.	40 10 .	3270			
	IE – CHEMICAL TEST	ING	nmant and E	NAME		IP - /	атмозрн					
Sr. No.	Test Para	P11611#	Unit	1.0000000000000000000000000000000000000	esult	<b>3</b> -9   -	Permissi	States -	and the second s		Metho	
1.	Particulate Matter		μg/m <sup>3</sup>	75.2			10			IS: 518		
2.	Particulate Matter	PIVI2.5	μg/m <sup>3</sup>	26.7			60 80			IS 5182 (Part 24)		
3. 4.	Sulphur Dioxide		μg/m <sup>3</sup>		24.2					IS: 5182 (Part 2) IS: 5182 (Part 6)		
<u>4.</u> 5.	Nitrogen Dioxide Ozone		μg/m <sup>3</sup>		29.6 8.7		80 180					
<u> </u>			$\mu g/m^3$							IS: 5182 (Part 9)		,
<u> </u>	Ammonia (NH₃) Carbon Monoxide	((())	$\mu g/m^3$		BDL (MDL:5.0) BDL (MDL:1.0)		400		-		IS: 5182 (Part 25)	
8.		(0)	mg/m <sup>3</sup> μg/m <sup>3</sup>	· ·			2.0			IS: 5182 (Part 10)		,
<u>8.</u> 9.	Lead (Pb) Benzene		μg/m <sup>2</sup> μg/m <sup>3</sup>	-	MDL:0.5) MDL:1.0)		1.0 5.0				IS: 5182 (Part 22)	
9. 10.	Benzo(a)Pyrene (B	аD)	ng/m <sup>3</sup>		MDL:1.0		5. 1.				IS: 5182 (Part11)	
10.	Nickel	arj	ng/m <sup>3</sup>	-	MDL:0.1		2				S: 5182 (Part 12) S: 5182 (Part 26)	
11.			ng/m <sup>3</sup>	-	MDL:1.0							
12.	Arsenic Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>		8.1	/		6.0		IS: 5182 (Part 22 IS: 5182 (Part 19		
13.	Volatile Organic Co	mnound			8.1 MDL:1.0		-			IS: 518		
		mpound		DDL (	VIDL:1.0	1	-	-		13. 318	z (rañ	-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:

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 AIR MONITORING)

			(AIVIDIEINT A		TUCKIN	G)						
<b>Test Report No.:</b>		URA/25/03/AIL-J/A-025		Repo	Report Issue Date				03/04/2025			
Service Request	form No.:	URA/SRF/03/025			Service Request Date				17/03/2025			
Sample ID No.:		URA/ID	/A-25/03/025	Field	Field Data Sheet No.				URA/FDS/A-25/02/025			
Name & Add. of Customer		M/s. AARTI INDUSTRIES LIMITED										
		PLOT NO. 758/1-2-3,										
		GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia										
		DIST-BH	IARUCH (393110), G	iujarat	, INDIA							
Dates of Sampling: 17/03/			2025	Date of Testing 18/03/2					2025			
Sampling Proced	ure:	As per 0	CPCB Guidelines									
Location of Samp	oling / Monito	oring:	Near Main Gate									
Environmental C	onditions du	ring	Temp.:	Min.:	19	<sup>0</sup> C	Max.:	34	٥C	Avg.:	28	٥C
Sampling :			Rel. Humidity:	Min.:	12	%	Max.:	55	%	Avg.:	25	%
Details of Ma	ster Instrum	ent Used	for Monitoring									
Instrument	ld No.	Inst	rument Name	9	Serial Number			Cali. Date		Nex	Next Cali. Date	
UERL/AIR/RDS/01 Res		Respira	able Dust Sampler		210103157			28/03/2024		27	27/03/2025	
UERL/AIR/FPS/01 F		Fine Pa	Fine Particulate Sampler		210202145 28			28/	28/03/2024		27/03/2025	
General Samp	oling / Monit	oring 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	24.53
2.	Flow Rate of PM <sub>10</sub>	// m³/min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1677.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.6
Environi	mental Conditions during testing : Temp.: 25 + 5 °C.	Relative Humidity: 40 to 52%	

Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			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 -TC15	53452500002609F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-026	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	F/03/026	Sei	vice Req	uest	Date		17/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/026	Field Data Sheet No. URA/FDS/A-25/02						02/02	6	
Name & A	dd. of Customer	M/s. A/	ARTI INDUSTRIES LI	NDUSTRIES LIMITED								
PLOT NO. 75			0. 758/1-2-3,									
		STATE, JHAGADIA, T	, JHAGADIA, TALUKA- Jhagadia									
			(393110), GUJARAT, INDIA									
Dates of S		17/03/2		Date of Testing 18/03/2025								
	Procedure:	•	CPCB Guidelines									
	of Sampling / Monito		Emergency Gate									
	ental Conditions dur	ing	Temp.:	Min		٥C	Max.:	34	٥C	Avg.:	28	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 12	%	Max.:	55	%	Avg.:	25	%
Details	s of Master Instrum	ent Used	for Monitoring									
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	_/AIR/RDS/02		able Dust Sampler		21010				)3/2024		/03/2	
	L/AIR/FPS/02		irticulate Sampler		21020	02147		28/0	)3/2024	27	/03/2	)25
	al Sampling / Monit	-	-	CB Gui								
Sr. No.			iption		U						Observation	
1.	Monitoring Dur					h		24.24				
2.	Flow Rate of PN		1		here,	m <sup>3</sup> /min		1.09				
3.	Volume of Air S			14	m <sup>3</sup>				1585.3			
4.	Volume of Air S					m <sup>3</sup>				24.3		
	nmental Conditions	during te	esting :Temp.: 25 ±	5 °C,	Rela	ative H	lumidity:	40 to !	52%			
	arameter Results		naantaa Di									
	E – CHEMICAL TEST			1000			TMOSPH	ALL PARTY	100			
Sr. No.	Test Para	meter	Unit		esult		Permissi	ble Lir	nit	Test	Metho	bd
1.	Particulate Matter	PM10	μg/m³	78.5			10	00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³	23.2			6	0	IS 5182 (Part 2			
3.	Sulphur Dioxide		μg/m³		19.6			80		IS: 5182 (Part 2)		,
4.	Nitrogen Dioxide		μg/m³		23.8			80		IS: 5182 (Part 6)		
5.	Ozone		μg/m³		9.2		180				IS: 5182 (Part 9)	
6.	Ammonia (NH <sub>3</sub> )		μg/m³	-	0L (MDL:5.0)		400				2 (Part	
7.	Carbon Monoxide	(CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0)		2.0		1		IS: 5182 (Part 10)	
8.	Lead (Pb)		μg/m³	BDL (	MDL:0.5)	)	1.0		IS: 51		2 (Part	: 22)
9.	Benzene		μg/m³	BDL (	MDL:1.0)	)	5.	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	BDL (	MDL:0.1)	)	1.	.0		IS: 518	2 (Part	: 12)
11.	Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	2	0	IS: 5		5: 5182 (Part 26)	
12.	Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0)	)	6.0		.0		IS: 5182 (Part 22	
13.	Chlorine (Cl <sub>2</sub> )		μg/m³	BDL (	MDL:2.0)	)				IS: 5182 (Part 19)		: 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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

## TEST REPORT (AMBIENT AIR MONITORING)

				1 OKIN	U)							
Test Report No.:	URA/25	5/03/AIL-J/A-026	Repo	rt Issu	e Dat	e		03/04/2	2025			
Service Request form No.:	URA/SR	A/SRF/03/026 Service Request Date 17/03/2025										
Sample ID No.:	URA/ID	/A-25/03/026	Field	Data S	heet	No.		URA/FD	DS/A-2	25/0	)2/02(	6
Name & Add. of Customer	M/s. A	I/s. AARTI INDUSTRIES LIMITED										
	PLOT N	0. 758/1-2-3,										
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jł	nagadi	а							
	DIST-BH	T-BHARUCH (393110), GUJARAT, INDIA										
Dates of Sampling:	17/03/2	.7/03/2025 Date of Testing 18/03/2025										
Sampling Procedure:	As per (	CPCB Guidelines										
Location of Sampling / Monit	oring:	Emergency Gate (D	)G Coolii	ng Tov	ver)							
Environmental Conditions du	ring	Temp.:	Min.:	19	<sup>0</sup> C	Max.:	34	٥C	Avg	.:	28	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	12	%	Max.:	55	%	Avg	.:	25	%
Details of Master Instrum	ent Used	for Monitoring										
Instrument Id No.	Inst	Instrument Name Serial Number Cali. Date Next Cali. Date										
UERL/AIR/RDS/02	Respira	Respirable Dust Sampler         210103156         28/03/2024         27/03/2025					025					
UERL/AIR/FPS/02	Fine Pa	e Particulate Sampler 210202147 28/03/2024 27/03/2025										

General Sampling / Moni <sup>*</sup>	toring Observation as per CPC	CB Guideline	
UERL/AIR/FPS/02	Fine Particulate Sampler	210202147	28/03/2024

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.24
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>	1585.3
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	<u>imen' ar</u>	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. Gohil

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 -TC153452500002610F											
Test Report No.:	URA/25	5/03/AIL-J/A-027	Re	port Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SR	F/03/027	Sei	vice Req	uest	Date		17/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/027	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/02	7
Name & Add. of Customer		ARTI INDUSTRIES LI	IMITED								
		0. 758/1-2-3,									
		TATE, JHAGADIA, T									
		IARUCH (393110),									
Dates of Sampling:	17/03/2		Date of Testing 18/03/2025								
Sampling Procedure:		PCB Guidelines									
Location of Sampling / Monito	-	ETP Expansion (N	1	0				0	_		
Environmental Conditions dur	ing	Temp.:	Min		°C	Max.:	34	°C	Avg.:	28	٥C
Sampling :		Rel. Humidity:	Min	.: 12	%	Max.:	55	%	Avg.:	25	%
Details of Master Instrume			1						1		
Instrument Id No.		rument Name		Serial N				i. Date		t Cali.	
UERL/AIR/RDS/03		ble Dust Sampler		21010				03/2024		//03/2	
UERL/AIR/FPS/03		rticulate Sampler		21020	02146		28/0	03/2024	27	/03/2	025
General Sampling / Monit	_		CB Gui						Oha		
Sr. No. 1. Monitoring Dur	Descr	iption		Unit of measurement					Observation 24.36		Л
2. Flow Rate of PN	5 Z -			h m³/min				1.08			
3. Volume of Air S		or PM <sub>10</sub>		m <sup>3</sup>						.578.5	
4. Volume of Air S					1	m <sup>3</sup>	And the second s			24.4	
<ul> <li>Environmental Conditions</li> </ul>			5°C	Rela	ative H	lumidity:	40 to 1	52%			
<ul> <li>Test Parameter Results</li> </ul>		sting richiph 20 -	5 0,	THEIR		annuncy.		52/0			
<b>DISCIPLINE – CHEMICAL TEST</b>	ING	nment and R	NAME	OF GRO	UP – A	тмозрн	ERIC F	POLLUTI	ON		
Sr. No. Test Para		Unit		esult	d di l	Permissi	Stall De	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE		Meth	bd
1. Particulate Matter	PM <sub>10</sub>	μg/m <sup>3</sup>		82.4		10	00		IS: 518	2 (Part	: 23)
2. Particulate Matter		μg/m <sup>3</sup>		24.6		6	-		IS 518		,
3. Sulphur Dioxide	-	μg/m <sup>3</sup>		24.4		8		IS: 5182 (I		· ·	
4. Nitrogen Dioxide		μg/m <sup>3</sup>		26.5		8	0		IS: 518		
5. Ozone		μg/m <sup>3</sup>		12.6		18	80		IS: 518		
6. Ammonia (NH₃)		μg/m <sup>3</sup>		12.0		40	00		IS: 518	2 (Part	: 25)
7. Carbon Monoxide	(CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0)	)	2.	0		IS: 518	2 (Par	: 10)
8. Lead (Pb)		μg/m <sup>3</sup>	BDL (	MDL:0.5)	)	1.	0		IS: 518	2 (Part	: 22)
9. Benzene		μg/m <sup>3</sup>	BDL (	MDL:1.0)	)	5.	0		IS: 518	2 (Par	t11)
10. Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	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 (Part	: 26)
12. Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6.	0		IS: 518	2 (Part	: 22)
13. Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>				IS: 5182 (Part 19)		: 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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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### TEST REPORT (AMBIENT AIR MONITORING)

					<b>U</b> ,						
Test Report No.:	URA/25	5/03/AIL-J/A-027	Repo	rt Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SR	/SRF/03/027 Service Request Date 17/03/2025									
Sample ID No.:	URA/ID	A/ID/A-25/03/027 Field Data Sheet No. URA/FDS/A-25/02/027							7		
Name & Add. of Customer	M/s. A	1/s. AARTI INDUSTRIES LIMITED									
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jł	nagadi	а						
	DIST-BH	T-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:	17/03/2	7/03/2025 Date of Testing 18/03/2025									
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	ETP Expansion (Nr.	Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	19	٥C	Max.:	34	٥C	Avg.:	28	٥C
Sampling :		Rel. Humidity:	Min.:	12	%	Max.:	55	%	Avg.:	25	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	Instrument Name Serial Number Cali. Date Next Cali. Date									
UERL/AIR/RDS/03	Respira	Respirable Dust Sampler 210103158 28/03/2024 27/03/2025					:025				
UERL/AIR/FPS/03	Fine Pa	e Particulate Sampler 210202146 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	24.36
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>	1578.5
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4
Environr	nental Conditions during testing : Temp.: 25 ± 5 °C.	Relative Humidity: 40 to 52%	

> Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	imen' an	NAME OF GROUP – ATMOSPHERIC POLLUTION						
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method				
1.	Hydrochloric Acid (HCl)	µg/m³	26.4		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 -TC1	53452500002614F												
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-0	31	Rep	ort Issu	e Dat	e		03/04/2	2025		
Service R	equest form No.:	URA/SR	RF/03/031		Serv	vice Req	uest	Date		20/03/2	2025		
Sample I	) No.:	URA/ID	/A-25/03/031		Field	d Data S	Sheet	No.		URA/FD	S/A-25/	02/03	1
Name & A	Add. of Customer	M/s. A	ARTI INDUSTRI	ES LIMI	TED								
			0. 758/1-2-3,										
			STATE, JHAGAD			-							
			HARUCH (3931)	10), GU									
Dates of S		20/03/2		Date of Testing 21/03/2025									
	Procedure:		CPCB Guideline										
	of Sampling / Monito	-	Near Main G					1					
	ental Conditions dur	ring	Temp.:		Min.:		٥C	Max.:	34	٥C	Avg.:	28	<sup>0</sup> C
Sampling			Rel. Humidity		Min.:	18	%	Max.:	38	%	Avg.:	27	%
	s of Master Instrum			-									
	ument Id No.		rument Name			Serial N				li. Date		t Cali.	
	_/AIR/RDS/01		able Dust Samp			21010			,	03/2024		//03/2	
	L/AIR/FPS/01		articulate Samp			21020	02145		28/0	03/2024	27	/03/2	025
	al Sampling / Monit			er CPCB	Guid								
Sr. No.		Concernance of the second	iption			U	nit of	measure	ment			ervati	on
1.	Monitoring Dur				h				24.48				
2.	Flow Rate of PN	5. C			m <sup>3</sup> /min					1.07			
3.	Volume of Air S				m <sup>3</sup>					571.6			
4.	Volume of Air S							m <sup>3</sup>			-	24.5	
	nmental Conditions	during to	esting:Temp.:	$25 \pm 5^{\circ}$	С,	Rela	ative F	lumidity:	40 to	52%			
	arameter Results	. Contra	ARA MAARAA				66 D	атмозрн	FRICI				
	IE – CHEMICAL TEST	P11611#	<u>Hallen all</u>	1 1 1 1 1 1 1 1 1	100 all 10	211 <b>b</b> aan		Who book had	Samp?				
Sr. No.	Test Para	meter	Unit		Re	sult		Permissi	ble Liı	mit	Test	Meth	bc
1.	Particulate Matter	PM10	μg/m		8	7.4		10	00		IS: 518	2 (Pari	: 23)
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m	3	3	2.4		6	0		IS 518	2 (Part	. 24)
3.	Sulphur Dioxide		μg/m		1	8.4		8	0		IS: 518	32 (Par	t 2)
4.	Nitrogen Dioxide		μg/m	3	2	1.3		8	0		IS: 518	32 (Par	t 6)
5.	Ozone		μg/m	<sup>3</sup> B	DL (N	/IDL:5.0)	)	18	80		IS: 518	32 (Par	t 9)
6.	Ammonia (NH <sub>3</sub> )		μg/m		DL (N	/IDL:5.0)	)	40	00		IS: 518	2 (Part	: 25)
7.	Carbon Monoxide	(CO)	mg/m		DL (N	/IDL:1.0)	)	2.	0		IS: 518	2 (Part	t 10)
8.	Lead (Pb)		μg/m		DL (N	/IDL:0.5)	)	1.	0		IS: 518	2 (Pari	: 22)
9.	Benzene		μg/m	<sup>3</sup> B	DL (N	/IDL:1.0)	)	5.	0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m	<sup>3</sup> B	DL (N	/DL:0.1)	)	1.	0		IS: 518	2 (Part	: 12)
11.	Nickel		ng/m	<sup>3</sup> B	DL (N	/IDL:1.0)	)	2	0		IS: 518	2 (Part	: 26)
12.	Arsenic		ng/m		DL (N	/IDL:1.0)	)	6.	0		IS: 518	2 (Part	t 22)
13.	Chlorine (Cl <sub>2</sub> )		μg/m		DL (N	/IDL:2.0)	)	-	-		IS: 518	2 (Part	t <b>1</b> 9)
14.	Volatile Organic Co	ompound	μg/m	<sup>3</sup> B	DL (N	/IDL: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: R. D. Gohl **Rajnish Gohil** 

(Chemist)

Authorized By:

Judips Pooja Gandhi

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

Page No: 1

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GPCB Recognized Environmental Auditor (Schedule-11)

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### TEST REPORT (AMBIENT AIR MONITORING)

			(AIVIDIEINT A			9						
Test Report No.:		URA/25	5/03/AIL-J/A-031	Repo	ort Issue	e Dat	е		03/04/2	2025		
Service Request fo	orm No.:	URA/SR	F/03/031	Serv	ice Req	uest	Date		20/03/2	2025		
Sample ID No.:		URA/ID	A/ID/A-25/03/031 <b>Field Data Sheet No.</b> URA/FDS/A-25/02/031									
Name & Add. of Cu	ustomer	M/s. A	//s. AARTI INDUSTRIES LIMITED									
		PLOT N	OT NO. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, TA	LUKA- J	hagadia	a						
		DIST-BH	T-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:		20/03/2	0/03/2025 Date of Testing 21/03/2025									
Sampling Procedur	e:	As per 0	As per CPCB Guidelines									
Location of Sampli	ng / Monite	oring:	Near Main Gate									
Environmental Cor	nditions du	ring	Temp.:	Min.:	21	٥C	Max.:	34	٥C	Avg.:	28	٥C
Sampling :			Rel. Humidity:	Min.:	18	%	Max.:	38	%	Avg.:	27	%
Details of Mast	er Instrum	ent Used	for Monitoring									
Instrument Id	No.	Inst	rument Name	:	Serial N	umb	er	Ca	li. Date	Nex	ct Cali.	Date
UERL/AIR/RD	S/01	Respira	Respirable Dust Sampler         210103157         28/03/2024         27/03/2025									
UERL/AIR/FPS	5/01	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025										
General Sampli	ng / Monit	oring Ob	servation as per CPC	B Guide	eline					•		
Sr. No. Description Unit of measurement Observation												

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.48
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>	1571.6
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.5
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	26.3		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 -TC1	53452500002615F												
Test Rep	ort No.:	URA/2	5/03/AIL-J/A-0	032	Rej	oort Issu	e Dat	е		03/04/2	2025		
Service R	equest form No.:	URA/SF	RF/03/032		Ser	vice Req	uest	Date		20/03/2	2025		
Sample II	D No.:	URA/ID	/A-25/03/032	3/032 Field Data Sheet No. URA/FDS/A-25/0						02/03	2		
Name & A	Add. of Customer	-	ARTI INDUSTR		IITED				•				
			0. 758/1-2-3,										
			STATE, JHAGAI			-							
_			HARUCH (3931	.10), Gl									
	Sampling:	20/03/2			Dat	e of Test	ting			21/03/2	2025		
	Procedure:		CPCB Guidelin										
	of Sampling / Monit		Emergency	Gate (D		-				0.5	_		0
	nental Conditions du	ring	Temp.:		Min		<sup>0</sup> C	Max.:	34	<sup>0</sup> C	Avg.:	28	<sup>0</sup> C
Sampling			Rel. Humidit		Min	: 18	%	Max.:	38	%	Avg.:	27	%
	s of Master Instrum			- T							1		_
	rument Id No.		rument Name			Serial N				i. Date		t Cali.	
	L/AIR/RDS/02		able Dust Sam			21010				)3/2024		7/03/20	
	RL/AIR/FPS/02		articulate Sam			21020	)2147		28/0	3/2024	27	7/03/20	025
	ral Sampling / Monit			er CPC	B Guid			·					
<b>Sr. No.</b> 1.	Contraction of Contraction		iption	2-1		U	nit of	measure h	ment			ervation 24.18	on
<u> </u>						• <u> </u>		m <sup>3</sup> /min				24.18 1.18	
<u> </u>	Volume of Air S		or DM					m / mm m <sup>3</sup>				711.9	
<u> </u>	Volume of Air S						1	m <sup>3</sup>	ALL AND	-	- 	24.2	
	onmental Conditions			25 + 5	°C	Pola	tivo H	lumidity:	10 to 1	52%		24.2	
	arameter Results	s during t	esting . remp	23 - 5	С,	Reid	ILIVE I	runnuncy.	40 10 .	5270			
	NE – CHEMICAL TEST	ING	nman' an	I I N	AME	OF GROU	JP – A	тмозрн	ERIC F	OLLUTI	ON		
Sr. No.	Test Para		Uni	N. 1 5%.0%	1000	esult	301	Permissi	States -	and the second s		Metho	bd
1.	Particulate Matter		μg/n		-	75.4		10			IS: 518		
2.	Particulate Matter		μg/n			30.5		6	-		IS 518		,
3.	Sulphur Dioxide	1 1112.5	μg/n			25.1		8				32 (Par	
4.	Nitrogen Dioxide		μg/n			28.6		8	-	IS: 5182 (Par			,
5.	Ozone		μg/n			12.5		18	-			32 (Par	
6.	Ammonia (NH <sub>3</sub> )		μg/n			8.9		40			IS: 518		,
7.	Carbon Monoxide	(CO)	mg/r			MDL:1.0)		2.			IS: 518	· ·	
	Lead (Pb)	. ,	μg/n			MDL:0.5)		1.			IS: 518		
8.												2 (Par	
8. 9.	Benzene		ug/n	n-	BDL (I	MDL:1.01		5.	U		10.010		,
		BaP)	μg/n ng/n			MDL:1.0) MDL:0.1)		<u> </u>					: 12)
9.	Benzene Benzo(a)Pyrene (E Nickel	BaP)	ng/n	n <sup>3</sup>	BDL (I	MDL:0.1)	)		0		IS: 518 IS: 518	2 (Part	
9. 10. 11.	Benzo(a)Pyrene (E Nickel	BaP)	ng/n	n <sup>3</sup>	BDL (I BDL (I	MDL:0.1) MDL:1.0)	)	1. 2	0 0		IS: 518 IS: 518	2 (Part 2 (Part	26)
9. 10.	Benzo(a)Pyrene (B	BaP)	ng/n ng/n ng/n	n <sup>3</sup>   n <sup>3</sup>   n <sup>3</sup>	BDL (I BDL (I BDL (I	MDL:0.1)	)	1.	0 0 0		IS: 518 IS: 518 IS: 518	2 (Part 2 (Part 2 (Part 2 (Part	26) 22)
9. 10. 11. 12.	Benzo(a)Pyrene (E Nickel Arsenic		ng/n ng/n ng/n μg/n	n <sup>3</sup>   n <sup>3</sup>   n <sup>3</sup>	BDL (I BDL (I BDL (I	MDL:0.1) MDL:1.0) MDL:1.0)		1. 2 6.	0 0 0 -		IS: 518 IS: 518	2 (Part 2 (Part 2 (Part 2 (Part 2 (Part	26) 22) 19)

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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# TEST REPORT

		(AMBIENT A		IORIN	G)						
Test Report No.:	URA/25	5/03/AIL-J/A-032	Repo	rt Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SF	F/03/032	Servio	e Req	uest	Date		20/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/032	Field	Data S	heet	No.		URA/FD	S/A-25/	02/03	2
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>IITED</b>								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jh	agadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA							
Dates of Sampling:	20/03/2	2025	Date of	of Test	ing			21/03/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	Emergency Gate (D	OG Coolir	ng Tov	/er)						
Environmental Conditions du	ring	Temp.:	Min.:	21	٥C	Max.:	34	٥C	Avg.:	28	°C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	38	%	Avg.:	27	%
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/02	Respira	able Dust Sampler		21010	)3156	;	28/	03/2024	27	/03/2	025
UERL/AIR/FPS/02	Fine Pa	rticulate Sampler		21020	)2147	,	28/	03/2024	27	/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
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>	1711.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
Environr	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	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







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 -TC1	53452500002616F											
Test Repo	ort No.:	URA/2	5/03/AIL-J/A-03	3 Re	port Issu	e Dat	е		03/04/2	2025		
Service R	equest form No.:	URA/SF	RF/03/033	Sei	vice Rec	uest l	Date		20/03/2	2025		
Sample ID	D No.:	URA/ID	/A-25/03/033	3/033 Field Data Sheet No. URA/FDS/A-25/02						02/03	3	
Name & A	Add. of Customer	M/s. A	ARTI INDUSTRIE	S LIMITED								
		PLOT N	0. 758/1-2-3,									
			STATE, JHAGADI		-							
			IARUCH (393110	-								
Dates of S		20/03/2		Da	te of Tes	ting			21/03/2	2025		
	Procedure:		CPCB Guidelines									
	of Sampling / Monite		ETP Expansion			-						
	ental Conditions du	ring	Temp.:	Min		<sup>0</sup> C	Max.:	34	٥C	Avg.:	28	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 18	%	Max.:	38	%	Avg.:	27	%
	s of Master Instrum		-					1		- r		
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	_/AIR/RDS/03		able Dust Sample			03158			3/2024		7/03/2	
	L/AIR/FPS/03		articulate Sample			02146		28/0	3/2024	27	/03/2	025
	al Sampling / Monit			CPCB Gui								
Sr. No.			iption	4	U	Init of	measure	ment			ervatio	on
1.	Monitoring Dur	50 P					<u>h</u>				24.22	
2.	Flow Rate of PN					- le-	m <sup>3</sup> /min				1.10	
3.	Volume of Air S				3	-	m <sup>3</sup>	And and			598.5	
4.	Volume of Air S						m <sup>3</sup>	Seal and			24.3	
	nmental Conditions	during t	esting:Temp.: 2	5±5°C,	Rela	ative F	lumidity:	40 to 5	52%			
	arameter Results		han tanana	DAGARE		06 D	TMOSPH					
	IE – CHEMICAL TEST			1 1999 999 999			9 ha 100 h 40 a	1000	100			
Sr. No.	Test Para	meter	Unit		esult		Permissi	ble Lin	nit	Test	Metho	bd
1.	Particulate Matter	• PM10	μg/m³		86.9		1	00		IS: 518		
2.	Particulate Matter	PM2.5	μg/m³		31.4		6	0		IS 518		
3.	Sulphur Dioxide		μg/m³		19.6		8	0			32 (Par	
4.	Nitrogen Dioxide		μg/m³		23.4		8	0			32 (Par	
5.	Ozone		μg/m³		8.2		18	80		IS: 518	32 (Par	t 9)
6.	Ammonia (NH <sub>3</sub> )		μg/m³		MDL:5.0		4	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		MDL:0.5	)	1	.0		IS: 518	2 (Part	: 22)
9.	Benzene		μg/m³	BDL (	MDL:1.0	)	5	.0		IS: 518	82 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>		MDL:0.1		1	.0		IS: 518	-	
11.	Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	2	0		IS: 518		
			ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 518	2 (Part	: 22)
12.	Arsenic		116/11									
	Arsenic Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>		3.3		-	-		IS: 518		
12.		ompound	μg/m³		3.3 MDL:1.0	)		-		IS: 518 IS: 518		

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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## TEST REPORT (AMBIENT AIR MONITORING)

					с,						
Test Report No.:	URA/25	5/03/AIL-J/A-033	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	F/03/033	Servio	e Req	uest	Date		20/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/033	Field	Data S	heet	No.		URA/FD	S/A-25,	/02/03	3
Name & Add. of Customer	M/s. A	/s. AARTI INDUSTRIES LIMITED									
	PLOT N	LOT NO. 758/1-2-3,									
	GIDC ES	STATE, JHAGADIA, TA	LUKA- Jh	nagadi	а						
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA							
Dates of Sampling:	20/03/2	2025	Date of	of Test	ing			21/03/2	2025		
Sampling Procedure:	As per (	CPCB Guidelines									
Location of Sampling / Monited	oring:	ETP Expansion (Nr.	Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	21	٥C	Max.:	34	٥C	Avg.:	28	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	18	%	Max.:	38	%	Avg.:	27	%
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/03	Respira	able Dust Sampler		21010	)3158	}	28/	/03/2024	2	7/03/2	025
UERL/AIR/FPS/03 Fine Particulate Sampler 210202146 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	24.22
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1598.5
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	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)

Test Report No.:         URA/25/03/AIL-J/A-037         Report Issue Date         03/04/2025           Service Request form No.:         URA/SRF/03/037         Service Request Date         24/03/2025         Service Request form No.:         URA/ID/A-25/03/037         Field Data Sheet No.         URA/FDS/A-25/02/037           Sample ID No.:         URA/ID/A-25/03/037         Field Data Sheet No.         URA/FDS/A-25/02/037         URA/FDS/A-25/02/037           Name & Add. of Customer         M/s. AARTI INDUSTRIES LIMITED         URA/FDS/A-25/02/037         URA/FDS/A-25/02/037           PLOT NO. 758/1-2-3,         GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia         UST-BHARUCH (393110), GUJARAT, INDIA         Service Testing         25/03/2025         Service Testing           Dates of Sampling:         24/03/2025         Date of Testing         25/03/2025         Service Testing         Service Testing
Sample ID No.:       URA/ID/A-25/03/037       Field Data Sheet No.       URA/FDS/A-25/02/037         Name & Add. of Customer       M/s. AARTI INDUSTRIES LIMITED       PLOT NO. 758/1-2-3,       URA/FDS/A-25/02/037         PLOT NO. 758/1-2-3,       GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia       DIST-BHARUCH (393110), GUJARAT, INDIA       25/03/2025         Dates of Sampling:       24/03/2025       Date of Testing       25/03/2025         Sampling Procedure:       As per CPCB Guidelines       25/03/2025         Location of Sampling / Monitoring:       Near Main Gate       4xg.: 30 °C         Environmental Conditions during       Temp.:       Min.: 23 °C       Max.: 38 °C       Avg.: 30 °C
Name & Add. of Customer       M/s. AARTI INDUSTRIES LIMITED         PLOT NO. 758/1-2-3,       GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia         DIST-BHARUCH (393110), GUJARAT, INDIA       DIST-BHARUCH (393110), GUJARAT, INDIA         Dates of Sampling:       24/03/2025         Sampling Procedure:       As per CPCB Guidelines         Location of Sampling / Monitoring:       Near Main Gate         Environmental Conditions during       Temp.:
PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA       25/03/2025         Dates of Sampling:       24/03/2025       Date of Testing         Sampling Procedure:       As per CPCB Guidelines       25/03/2025         Location of Sampling / Monitoring:       Near Main Gate       4vg.:         Environmental Conditions during       Temp.:       Min.:       23 °C       Max.:       38 °C       Avg.:       30 °C
GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia         DIST-BHARUCH (393110), GUJARAT, INDIA         Dates of Sampling:       24/03/2025         Date of Testing       25/03/2025         Sampling Procedure:       As per CPCB Guidelines         Location of Sampling / Monitoring:       Near Main Gate         Environmental Conditions during       Temp.:         Min.:       23       °C       Max.:       38       °C       Avg.:       30       °C
DIST-BHARUCH (393110), GUJARAT, INDIA         Dates of Sampling:       24/03/2025       Date of Testing       25/03/2025         Sampling Procedure:       As per CPCB Guidelines       25/03/2025       25/03/2025         Location of Sampling / Monitoring:       Near Main Gate       500 °C       Max.: 38       °C       Avg.: 30       °C
Dates of Sampling:       24/03/2025       Date of Testing       25/03/2025         Sampling Procedure:       As per CPCB Guidelines       5       5         Location of Sampling / Monitoring:       Near Main Gate       5       5         Environmental Conditions during       Temp.:       Min.: 23 °C       Max.: 38 °C       Avg.: 30 °C
Sampling Procedure:       As per CPCB Guidelines         Location of Sampling / Monitoring:       Near Main Gate         Environmental Conditions during       Temp.:       Min.:       23       °C       Avg.:       30       °C
Location of Sampling / Monitoring:Near Main GateEnvironmental Conditions duringTemp.:Min.: 23 °CMax.: 38 °CAvg.: 30 °C
Environmental Conditions duringTemp.:Min.:23°CMax.:38°CAvg.:30°C
Sampling :         Rel. Humidity:         Min.:         12         %         Avg.:         27         %
Details of Master Instrument Used for Monitoring
Instrument Id No. Instrument Name Serial Number Cali. Date Next Cali. Date
UERL/AIR/RDS/01         Respirable Dust Sampler         210103157         28/03/2024         27/03/2025
UERL/AIR/FPS/01         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     24.13
2.         Flow Rate of PM10         m³/min         1.17           2.         Vialues of Alia Secondulation 2010         m³/min         1.27
3.         Volume of Air Sampled for PM <sub>10</sub> m <sup>3</sup> 1693.9           4.         Volume of Air Sampled for PM <sub>2.5</sub> m <sup>3</sup> 24.2
<ul> <li>Environmental Conditions during testing :Temp.: 25 ± 5 °C,</li> <li>Relative Humidity: 40 to 52%</li> <li>Test Parameter Results</li> </ul>
DISCIPLINE – CHEMICAL TESTING NAME OF GROUP – ATMOSPHERIC POLLUTION
1.         Particulate Matter PM <sub>10</sub> μg/m³         84.2         100         IS: 5182 (Part 23)
2.         Particulate Matter PM <sub>2.5</sub> μg/m³         38.8         60         IS 5182 (Part 24)
3.         Sulphur Dioxide         μg/m³         20.1         80         IS: 5182 (Part 2)
4.         Nitrogen Dioxide         μg/m³         23.4         80         IS: 5182 (Part 6)
5.         Ozone         μg/m³         BDL (MDL:5.0)         180         IS: 5182 (Part 9)
6.         Ammonia (NH <sub>3</sub> )         μg/m <sup>3</sup> 17.0         400         IS: 5182 (Part 25)
7.         Carbon Monoxide (CO)         mg/m³         BDL (MDL:1.0)         2.0         IS: 5182 (Part 10)
8.         Lead (Pb)         μg/m³         BDL (MDL:0.5)         1.0         IS: 5182 (Part 22)
9.         Benzene         μg/m³         BDL (MDL:1.0)         5.0         IS: 5182 (Part11)
10.         Benzo(a)Pyrene (BaP)         ng/m³         BDL (MDL:0.1)         1.0         IS: 5182 (Part 12)
11.         Nickel         ng/m³         BDL (MDL:1.0)         20         IS: 5182 (Part 26)
12.         Arsenic         ng/m³         BDL (MDL:1.0)         6.0         IS: 5182 (Part 22)
13.         Chlorine (Cl <sub>2</sub> )         μg/m <sup>3</sup> 6.5          IS: 5182 (Part 19)
14.Volatile Organic Compound $\mu g/m^3$ BDL (MDL:1.0)IS: 5182 (Part-11)
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

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### TEST REPORT (AMBIENT AIR MONITORING)

			(AIVIDIEINT A			9						
Test Report No.:		URA/25	5/03/AIL-J/A-037	Repo	ort Issue	e Dat	е		03/04/2	2025		
Service Request	form No.:	URA/SR	F/03/037	Servi	ice Req	uest	Date		24/03/2	2025		
Sample ID No.:		URA/ID	/A-25/03/037	Field	Data S	heet	No.		URA/FD	)S/A-25/	02/03	7
Name & Add. of	Customer	M/s. A	1/s. AARTI INDUSTRIES LIMITED									
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, TA	LUKA- J	hagadia	a						
		DIST-BH	IARUCH (393110), G	UJARAT	, INDIA							
Dates of Samplin	ig:	24/03/2	2025	Date	of Test	ing			25/03/2	2025		
Sampling Proced	ure:	As per 0	CPCB Guidelines									
Location of Samp	oling / Monito	oring:	Near Main Gate									
Environmental C	onditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	٥C
Sampling :			Rel. Humidity:	Min.:	12	%	Max.:	49	%	Avg.:	27	%
Details of Ma	ster Instrum	ent Used	for Monitoring									
Instrument	ld No.	Inst	rument Name	9	Serial N	umb	er	Ca	li. Date	Nex	ct Cali.	Date
UERL/AIR/R	DS/01	Respira	able Dust Sampler		21010	3157		28/	03/2024	27	7/03/2	025
UERL/AIR/F	PS/01	Fine Pa	rticulate Sampler		21020	2145		28/	03/2024	27	7/03/2	025
General Sample	oling / Monit	oring Ob	servation as per CPC	B Guide	eline					•		
Sr. No.	-	Descr	iption		U	nit of	measure	ement		Obs	ervati	on

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.13
2.	Flow Rate of PM <sub>10</sub>	//min	1.17
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1693.9
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	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 -TC153452500002621F											
Test Report No.:	URA/2	5/03/AIL-J/A-038	Re	port Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/038	Sei	vice Rec	uest	Date		24/03/2	2025		
Sample ID No.:	URA/ID	)/A-25/03/038	Fie	ld Data S	Sheet	No.		URA/FC	)S/A-25/	/02/03	8
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES	LIMITED								
	PLOT N	0. 758/1-2-3,									
		STATE, JHAGADIA		-							
		HARUCH (393110)									
Dates of Sampling:	24/03/		Da	te of Tes	ting			25/03/2	2025		
Sampling Procedure:		per CPCB Guidelines									
Location of Sampling / Mon		Emergency Gat		-							
Environmental Conditions of	uring	Temp.:	Min		٥C	Max.:	38	٥C	Avg.:	30	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min	.: 12	%	Max.:	49	%	Avg.:	27	%
Details of Master Instru											
Instrument Id No.		trument Name		Serial N				i. Date		ct Cali.	
UERL/AIR/RDS/02		able Dust Sample			03156			)3/2024		7/03/2	
UERL/AIR/FPS/02		articulate Sample			02147		28/0	)3/2024	2	7/03/2	025
General Sampling / Mor			CPCB Gui								
Sr. No.		ription	1	U	Init of	measure	ement		Observation		
1. Monitoring D	1998 Prov. 1997					h				24.10	
2. Flow Rate of			m <sup>3</sup> /min						1.14		
3. Volume of Air			m <sup>3</sup>					1	.648.4		
4. Volume of Air						m <sup>3</sup>				24.1	
Environmental Conditio	ns during t	esting : Temp.: 25	±5°C,	Rela	ative F	lumidity:	40 to 5	52%			
Test Parameter Results		han tanaaa				THOCOL					
DISCIPLINE – CHEMICAL TE			1.000000000000			TMOSPH	Can Berlin				
Sr. No. Test Pa	rameter	Unit	R	esult		Permissi	ble Lin	nit	Test	Meth	bd
1. Particulate Matt	er PM <sub>10</sub>	μg/m <sup>3</sup>	_	77.5		10	00		IS: 518		,
2. Particulate Matt	er PM <sub>2.5</sub>	μg/m³	3	38.2		6	60		IS 518	2 (Part	24)
3. Sulphur Dioxide		μg/m³	:	18.2		8	0		IS: 51	82 (Par	t 2)
4. Nitrogen Dioxide	į	μg/m³		21.6		8	0		IS: 51	82 (Par	t 6)
5. Ozone		μg/m³	BDL (	MDL:5.0	)	13	80		IS: 51	82 (Par	t 9)
6. Ammonia (NH <sub>3</sub> )		μg/m³	:	13.8		4	00		IS: 518	2 (Part	: 25)
7. Carbon Monoxid	le (CO)	mg/m <sup>3</sup>	BDL (	MDL:1.0	)	2	.0		IS: 5182 (Par		
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		
10. Benzo(a)Pyrene	(BaP)	ng/m <sup>3</sup>	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: 518	2 (Par	: 22)
		μg/m³		4.1		-	-		IS: 518	2 (Par	: 19)
13. Chlorine (Cl <sub>2</sub> )		μg/11		4.1							
13.Chlorine (Cl2)14.Volatile Organic	Compound		_	4.1 MDL:1.0	)		-		IS: 518	2 (Part	

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

# TEST REPORT

		(AIVIBIENT AI		IORIN	G)						
Test Report No.:	URA/25	5/03/AIL-J/A-038	Repo	rt Issu	e Dat	е		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/038	Servio	e Req	uest	Date		24/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/038	Field	Data S	heet	No.		URA/FD	S/A-25/	/02/03	8
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>IITED</b>								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	C ESTATE, JHAGADIA, TALUKA- Jhagadia									
	DIST-BH	IARUCH (393110), G	UJARAT,	INDIA							
Dates of Sampling:	24/03/2	4/03/2025 Date of Testing 25/03/2025									
Sampling Procedure:	As per (	As per CPCB Guidelines									
Location of Sampling / Monited	oring:	Emergency Gate (D	OG Coolir	ng Tov	/er)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	<sup>0</sup> C
Sampling :		Rel. Humidity:	Min.:	12	%	Max.:	49	%	Avg.:	27	%
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/02	Respira	Respirable Dust Sampler 210103156 28/03/2024 27/03/2025									
UERL/AIR/FPS/02	Fine Pa	articulate Sampler		21020	)2147	,	28/	03/2024	27	7/03/2	025
General Sampling / Monit	oring Ob	servation as per CPC	B Guidel	ine							

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.10
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.14
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1648.4
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	26.7		UERL/AIR/SOP/07				
Remarks:									

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

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

Checked By:

D. Gohil

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

# TEST REPORT (AMBIENT AIR MONITORING)

ULR -TC15	53452500002622F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-039	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	F/03/039	Sei	vice Rec	uest	Date		24/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/03/039	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/03	Э
Name & A	dd. of Customer	M/s. A	ARTI INDUSTRIES LI	MITED								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	STATE, JHAGADIA, T	ALUKA	- Jhagadi	а						
			IARUCH (393110),									
Dates of S		24/03/2		Da	te of Tes	ting			25/03/2	2025		
1 0	Procedure:		CPCB Guidelines									
	of Sampling / Monito	<u> </u>	ETP Expansion (N		-							
	ental Conditions dur	ing	Temp.:	Min		<sup>0</sup> C	Max.:	38	٥C	Avg.:	30	<sup>0</sup> C
Sampling			Rel. Humidity:	Min	.: 12	%	Max.:	49	%	Avg.:	27	%
	s of Master Instrume									-		
	ument Id No.		rument Name		Serial N				i. Date		t Cali.	
	_/AIR/RDS/03		able Dust Sampler		2101				)3/2024		/03/2	
	L/AIR/FPS/03		irticulate Sampler	<u> </u>	2102	02146		28/0	)3/2024	27	/03/2	)25
	al Sampling / Monit	-		CB Gui								
Sr. No.			iption		U	Init of	measure	ment		Observation		
1.	Monitoring Dur	160			h						24.31	
2.	Flow Rate of PN				m³/min						1.13	
3.	Volume of Air S				m³					96. A	648.2	
4.	Volume of Air S			-			m <sup>3</sup>				24.4	
	nmental Conditions	during te	esting : Temp.: 25 ±	5°C,	Rela	ative F	lumidity:	40 to 5	52%			
	arameter Results	<b>L</b> evine	naaataaa 🗊			as D	THOCOL			-		
	E – CHEMICAL TEST						TMOSPH	ALL PARTY				
Sr. No.	Test Para	neter	Unit		esult		Permissi	ble Lin	nit	Test	Metho	bd
1.	Particulate Matter	PM10	μg/m³		84.2		10	00		IS: 518		
2.	Particulate Matter	PM <sub>2.5</sub>	μg/m³		35.1		6	0		IS 5182	•	
3.	Sulphur Dioxide		μg/m³		22.0		8	0		IS: 518		,
4.	Nitrogen Dioxide		μg/m³		24.7		8	0		IS: 518		
5.	Ozone		μg/m³	BDL (	MDL:5.0	)	18	30		IS: 518		
6.	Ammonia (NH₃)		μg/m³		8.0		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 (Part	: 22)
9.	Benzene		µg/m³	BDL (	MDL:1.0	)	5.	.0		IS: 518	2 (Par	t11)
10.	Benzo(a)Pyrene (B	aP)	ng/m <sup>3</sup>	BDL (	MDL:0.1	)	1.	.0		IS: 518	2 (Part	: 12)
11.	Nickel		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	2	0		IS: 518	2 (Part	: 26)
12.	Arsenic		ng/m <sup>3</sup>	BDL (	MDL:1.0	)	6	.0		IS: 5182 (Part		: 22)
13.	Chlorine (Cl <sub>2</sub> )		μg/m³	BDL (	MDL:2.0	)	-	-		IS: 518	2 (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: 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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

### TEST REPORT (AMBIENT AIR MONITORING)

				IONIN	U)						
Test Report No.:	URA/25	5/03/AIL-J/A-039	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/039	Servio	e Req	uest	Date		24/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/039	Field	Data S	heet	No.		URA/FD	)S/A-25,	/02/03	9
Name & Add. of Customer	M/s. A	ARTI INDUSTRIES LIN	1ITED								
	PLOT N	0. 758/1-2-3,									
	GIDC ES	DC ESTATE, JHAGADIA, TALUKA- Jhagadia									
	DIST-BH	BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:	24/03/2	/03/2025 Date of Testing 25/03/2025									
Sampling Procedure:	As per (	As per CPCB Guidelines									
Location of Sampling / Monit	oring:	ETP Expansion (Nr.	Cooling	Towe	r)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	38	٥C	Avg.:	30	٥C
Sampling :		Rel. Humidity:	Min.:	12	%	Max.:	49	%	Avg.:	27	%
Details of Master Instrum	ent Used	for Monitoring									
Instrument Id No.	Inst	rument Name	S	erial N	lumb	er	Ca	ali. Date	Nex	xt Cali.	Date
UERL/AIR/RDS/03	Respira	Respirable Dust Sampler 210103158 28/03/2024 27/03/2025									
UERL/AIR/FPS/03	Fine Particulate Sampler         210202146         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	24.31				
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.13				
3.	Volume of Air Sampled for PM <sub>10</sub>	m³	1648.2				
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.4				
Fnviron	Environmental Conditions during testing : Temp : 25 + 5 °C Belative Humidity: 40 to 52%						

Environmental Conditions during testing : Temp.: 25 :

elative Humidity: 40 to 52%

Test Parameter Results

DISCIPLIN	E – CHEMICAL TESTING	ment 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







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)

452500002626F No.: uest form No.:	-	5/03/AIL-J/A-043	Repo	ort Issue	o Date			02/04/2	025			
	-	5/03/AIL-J/A-043	Repo	ort Issue	o Nati	•		02/01/2	0.25			
uest form No.			Report Issue Date         03/04/2           Service Request Date         27/03/2									
	URA/SR	F/03/043						27/03/2				
lo.:		/A-25/03/043		Data S	heet	No.		URA/FD	S/A-25	/02/04	3	
d. of Customer			MITED									
				-								
				-								
			•					28/03/2	025			
		CPCB Guidelines										
		Near Main Gate										
tal Conditions du	ring	Temp.:	Min.: 23 <sup>0</sup> C Max.: 35			35	٥C	Avg.:	28	<sup>0</sup> C		
		Rel. Humidity:	Min.: 19 % Max.: 49			49	%	Avg.:	33	%		
f Master Instrum	ent Used	for Monitoring	. <u> </u>									
nent Id No.	Inst	rument Name		Serial N	lumbe	er	Cal	i. Date	Ne	kt Cali.	Date	
AIR/RDS/01	Respira	ble Dust Sampler		21010	)3157		28/0	)3/2024	2	7/03/2	025	
AIR/FPS/01	Fine Pa	rticulate Sampler		21020	)2145		28/0	)3/2024	2	7/03/2	025	
Sampling / Monit	oring Obs	servation as per CP	CB Guide	eline								
	Descr	iption 🛛 🔪	Unit of measurement					Observation				
Monitoring Dur	ration	on h							24.18			
Flow Rate of PM	<b>M</b> 10	m <sup>3</sup> /min							1.10			
Volume of Air S	ampled for	for PM <sub>10</sub> m <sup>3</sup>				-			1595.9			
Volume of Air S	ampled for	or PM <sub>2.5</sub>			11	m <sup>3</sup>	And and			24.2		
nental Conditions	during te	esting :Temp.: 25 ± 1	5 °C,	Rela	tive H	lumidity:	40 to !	52%				
ameter Results	_						Garden and	a de la compañía de l Compañía de la compañía				
- CHEMICAL TEST	ING	niment 200 H	NAME O	F GROL	JP – A	TMOSPH	ERIC F	POLLUTI	ON			
Test Para	meter	Unit	Res	ult	57 (52) E	Permissi	ble Lir	nit	Test	Meth	od	
articulate Matter	<sup>-</sup> PM <sub>10</sub>	μg/m <sup>3</sup>	81	8		1(	00		IS: 518	32 (Par	t 23)	
articulate Matter	PM2.5	μg/m <sup>3</sup>	32	.5		6	0		IS 518	2 (Part	: 24)	
Sulphur Dioxide		µg/m <sup>3</sup>	17	.7		8	0	İ	IS: 51	82 (Pa	rt 2)	
Nitrogen Dioxide		µg/m <sup>3</sup>	20	.6		8	0	İ	IS: 51	82 (Pa	rt 6)	
Dzone		µg/m <sup>3</sup>	12	.5		18	30		IS: 51	82 (Pa	rt 9)	
Ammonia (NH₃)		μg/m <sup>3</sup>	12	.9		4(	00		IS: 518	32 (Par	t 25)	
Carbon Monoxide	(CO)		BDL (M	DL:1.0)		2	.0		IS: 518	32 (Par	t 10)	
_ead (Pb)			-	-		1	.0					
Benzene												
	BaP)			,		1	.0				,	
Nickel	,	_	-									
				,								
Chlorine (Cl <sub>2</sub> )		μg/m <sup>3</sup>		.2			-				(Part 19)	
								1		··	- /	
	tal Conditions du f Master Instrum nent Id No. MR/RDS/01 AIR/FPS/01 Sampling / Monitoring Dur Flow Rate of PN Volume of Air S Volume of Air S Volume of Air S Nental Conditions meter Results - CHEMICAL TEST Test Para Particulate Matter Sarticulate Matter Sarter Dioxide Sarter Dioxide Sarter Results Carbon Monoxide Sarter Results Sarter Results Carbon Monoxide Sarter Results Carbon Monoxide Carbon	PLOT N GIDC ES DIST-BH npling: 27/03/2 ocedure: As per O Sampling / Monitoring: tal Conditions during f Master Instrument Used nent Id No. Inst MR/RDS/01 Respira AIR/FPS/01 Fine Pa Sampling / Monitoring Obs Descr Monitoring Duration Flow Rate of PM <sub>10</sub> Volume of Air Sampled for Volume of Air Sampled for Volume of Air Sampled for Volume of Air Sampled for Nonitoring target Test Parameter Particulate Matter PM <sub>2.5</sub> Gulphur Dioxide Varticulate Matter PM <sub>2.5</sub> Gulphur Dioxide Volume of Air Sampled Anter PM <sub>2.5</sub> Gulphur Dioxide Varticulate Matter PM <sub>2.5</sub>	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, T. DIST-BHARUCH (393110), or DIST-BHARUCH (393110), or DIST-BHARUCH (393110), or DIST-BHARUCH (393110), or DIST-BHARUCH (393110), or DIST-BHARUCH (393110), or Sampling / Monitoring: Near Main Gate Temp.: Rel. Humidity:f Master Instrument Used for Monitoring ment Id No.Instrument Name Instrument Name NIR/RDS/01Instrument Used for Monitoring ment Id No.Instrument Name Instrument Name NIR/RDS/01Name NIR/RDS/01Respirable Dust Sampler Sampling / Monitoring Observation as per CPDescriptionMonitoring Duration Flow Rate of PM10Volume of Air Sampled for PM25Immetrial Conditions during testing :Temp.: 25 ± meter ResultsCHEMICAL TESTINGUnitParticulate Matter PM25µg/m3Sulphur Dioxideµg/m3Nitrogen Dioxideµg/m3Ozoneµg/m3Ammonia (NH3)µg/m3Carbon Monoxide (CO)mg/m3Benzo(a)Pyrene (BaP)ng/m3Nickelng/m3	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- J DIST-BHARUCH (393110), GUJARATnpling:27/03/2025Dateocedure:As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:f Master Instrument Used for MonitoringMin.:f Master Instrument Used for MonitoringMin.:nent Id No.Instrument NameNR/RDS/01Respirable Dust SamplerNR/FPS/01Fine Particulate SamplerSampling / Monitoring Observation as per CPCB GuidedDescriptionMonitoring DurationFlow Rate of PM10Volume of Air Sampled for PM10Volume of Air Sampled for PM10Volume of Air Sampled for PM25onditions during testing :Temp.: 25 ± 5 °C, meter Results- CHEMICAL TESTINGNAME OTest ParameterUnitParticulate Matter PM25µg/m³aulphur Dioxideµg/m³aulphur Dioxideµg/m³Ammonia (NH3)µg/m³Barticulate Matter PM25µg/m³Carbon Monoxide (CO)mg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzeneµg/m³BDL (MBarzene </td <td>PLOT NO. 758/1-2-3,         GIDC ESTATE, JHAGADIA, TALUKA- Jhagadi,         DIST-BHARUCH (393110), GUJARAT, INDIA         npling:       27/03/2025         bate of Test         cocedure:       As per CPCB Guidelines         Sampling / Monitoring:       Near Main Gate         tal Conditions during       Temp.:       Min.:       23         Rel. Humidity:       Min.:       19         f Master Instrument Used for Monitoring       Min.:       19         f Master Instrument Used for Monitoring       Erel A       Nampler       21010         IR/RDS/01       Respirable Dust Sampler       21020         Sampling / Monitoring Observation as per CPCB Guideline       Description       U         Monitoring Duration       Implicition       Implicition       Implicition         Flow Rate of PM10       Volume of Air Sampled for PM25       Implicition       Implicition         Volume of Air Sampled for PM25       Implicition       Implicition       Implicition         Particulate Matter PM10       µg/m3       81.8       Result         Particulate Matter PM25       Implicition       Implicition       Implicition         Particulate Matter PM10       µg/m3       12.5       Implicition       Implicition</td> <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAmpling:27/03/2025Date of Testingocedure:As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.:23°CRel. Humidity:Min.:19%f Master Instrument Used for Monitoringnent Id No.Instrument NameSerial NumberSerial NumberJIR/RDS/01Respirable Dust Sampler210103157AIR/FPS/01Fine Particulate Sampler210202145Sampling / Monitoring Observation as per CPCB GuidelineUnit ofMonitoring DurationFlow Rate of PM10Unit ofFlow Rate of PM10Unit ofVolume of Air Sampled for PM125Relative Fmeter ResultsParticulate String: Temp.: 25 ± 5 °C, rest ParameterRelative FCHEMICAL TESTINGNAME OF GROUP - ATest ParameterUnitParticulate Matter PM10µg/m³Atter PM125µg/m³OptionUnitAtter PM12µg/m³OptionUnitAtter PM1312.5Carbon Monoxide (CO)mg/m³BDL (MDL:1.0)ReaceBarzo(a)Pyrene (BaP)ng/m³BDL (MDL:1.0)ReaceBarzo(a)Pyrene (BaP)ng/m³BDL (MDL:1.0)</td> <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:27/03/2025Date of Testingocedure:As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.:23<math>^{\circ}</math>CMax.:Rel. Humidity:Min.:19%Max.:f Master Instrument Used for Monitoring ment Id No.Instrument NameSerial NumberMIR/RDS/01Respirable Dust Sampler210202145Sampling / Monitoring Observation as per CPCB GuidelineMinit of measureMonitoring DurationMMFlow Rate of PM10m³Volume of Air Sampled for PM10m³Volume of Air Sampled for PM10NAME OF GROUP - ATMOSPHCHEMICAL TESTINGNAME OF GROUP - ATMOSPHTest ParameterUnitResultPermissiParticulate Matter PM10<math>\mug/m^3</math>Sarticulate Matter PM10<math>\mug/m^3</math>CHEMICAL TESTINGNAME OF GROUP - ATMOSPHTest ParameterUnitMaximonia (NH3)<math>\mug/m^3</math>Zarbon Monoxide (CO)<math>mg/m^3</math>BDL (MDL:1.0)2Carbon Monoxide (CO)<math>mg/m^3</math>BDL (MDL:1.0)2Benzo(a)Pyrene (BaP)<math>ng/m^3</math>BDL (MDL:1.0)2</td> <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAmpling: 27/03/2025Date of Testing ocedure: As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.: 23 °CMax.: 35Rel. Humidity:Min.: 19 %Max.: 49f Master Instrument Used for Monitoringtent Id No.Instrument NameSerial NumberCalAlgrMin.: 23 °CMax.: 35Rel. Humidity:Min.: 19 %Max.: 49f Master Instrument Used for Monitoringtent Id No.Instrument NameSerial NumberCalAlgrMax.: 49f Master Instrument Used for MonitoringDescriptionUnit of measurementMonitoring Observation as per CPCB GuidelineDescriptionUnit of measurementMonitoring testing :Temp.:: <math>25 \pm 5</math> °C,Relative Humidity: 40 to 1Maxet of PM10matt Conditions during testing :Temp.:: <math>25 \pm 5</math> °C,Relative Humidity: 40 to 1Totate ResultsPermissible LinCHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC IT</td> <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA28/03/2mpling:27/03/2025Date of Testing28/03/2ocedure:As per CPCB GuidelinesSampling / Monitoring: Rel. Humidity:Min.:23 Max.:0CMax.:35 %C°Cf Master Instrument Used for Monitoring ment Id No.Instrument NameSerial NumberCali. DateIR/RDS/01Respirable Dust Sampler21010315728/03/2024IR/RDS/01Respirable Dust Sampler21020214528/03/2024Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementMonitoring Durationhm³/minVolume of Air Sampled for PM10m³Volume of Air Sampled for PM25m³m³m³rental Conditions during testing :Temp.:<math>25 \pm 5</math> °C, Relative Humidity: 40 to 52%renter ResultsCalie Matter PM10<math>\mug/m^3</math>31.8100Particulate Matter PM10<math>\mug/m^3</math>32.56010Particulate Matter PM2.5<math>\mug/m^3</math>12.518010Particulate Matter PM2.5<math>\mug/m^3</math>12.518010Particulate Matter PM2.5<math>\mug/m^3</math>12.940020Calie Davide<math>\mug/m^3</math>12.940020Particulate Matter PM2.5<math>\mug/m^3</math>12.940020Particulate Matter PM2.5<math>\mug/m^3</math>12.51.020Particulate Matter PM2.5<math>\mug/m^3</math>12.02020Particula</td> <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:<math>27/03/2025</math>Date of Testing<math>28/03/2025</math>cocedure:As per CPCB GuidelinesDate of Testing<math>28/03/2025</math>Sampling / Monitoring:Near Main GateImplication<math>28/03/2025</math>tal Conditions duringTemp.:Min.:<math>23</math><math>^{\circ}</math>CMax.:<math>35</math><math>^{\circ}</math>CAvg.:f Master Instrument Used for MonitoringTemp.:Min.:<math>19</math><math>^{\circ}</math>Max.:<math>49</math><math>^{\circ}</math>Avg.:Rel. Humidity:Min.:<math>19</math><math>^{\circ}</math>Max.:<math>49</math><math>^{\circ}</math>Avg.:f Master Instrument Used for MonitoringSerial NumberCali. DateNeiNerriculate Sampler<math>210103157</math><math>28/03/2024</math><math>22</math>Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementObsMonitoring DurationhFlow Rate of PM10m³*<math>23</math>Volume of Air Sampled for PM10m³*<math>32</math><math>32</math><math>5</math><math>60</math><math>15</math>volume of Air Sampled for PM25MAME OF GROUP - ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTestCHEMICAL TESTINGMAME OF GROUP - ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTestCarliculate Matter PM10<math>\mug/m^3</math><math>32.5</math><math>60</math><math>15</math><math>518</math>Carliculate Matter PM25<math>\mug/m^3</math><math>32.5</math><math>60</math><math>15</math><math>518</math><td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:27/03/2025Date of Testing<math>28/03/2025</math>ocedure:As per CPCB GuidelinesMin.:<math>23 \ ^{\circ}C</math>Max::<math>35 \ ^{\circ}C</math>Avg.:<math>28</math>Sampling / Monitoring:Near Main GateMin.:<math>23 \ ^{\circ}C</math>Max::<math>49 \ ^{\circ}K</math>Avg.:<math>28</math>f Master Instrument Used for MonitoringTemp.:Min.:<math>19 \ ^{\circ}K</math>Max::<math>49 \ ^{\circ}K</math>Avg.:<math>28</math>rent Id No.Instrument NameSerial NumberCali. DateNext Cali.MR/RDS/01Respirable Dust Sampler210103157<math>28/03/2024</math><math>27/03/2</math>Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementObservatiMonitoring Durationh24.18Flow Rate of PM10m³/min1.10Volume of Air Sampled for PM25m³24.2rental Conditions during testing :Temp.: <math>25 \pm 5 \ ^{\circ}C</math>,Relative Humidity: 40 to <math>52\%</math>rental Conditions during testing :Temp.: <math>25 \pm 5 \ ^{\circ}C</math>,Relative Humidity: 40 to <math>52\%</math>articulate Matter PM10<math>\mu g/m^3</math><math>81.8</math><math>100</math>IS: S182 (ParOUtume of Air Sampled for PM2.5<math>60</math>IS: S182 (ParCHEMICAL TESTINGNAME OF GROUP – ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTest MethOuture of Air Sampled</td></td>	PLOT NO. 758/1-2-3,         GIDC ESTATE, JHAGADIA, TALUKA- Jhagadi,         DIST-BHARUCH (393110), GUJARAT, INDIA         npling:       27/03/2025         bate of Test         cocedure:       As per CPCB Guidelines         Sampling / Monitoring:       Near Main Gate         tal Conditions during       Temp.:       Min.:       23         Rel. Humidity:       Min.:       19         f Master Instrument Used for Monitoring       Min.:       19         f Master Instrument Used for Monitoring       Erel A       Nampler       21010         IR/RDS/01       Respirable Dust Sampler       21020         Sampling / Monitoring Observation as per CPCB Guideline       Description       U         Monitoring Duration       Implicition       Implicition       Implicition         Flow Rate of PM10       Volume of Air Sampled for PM25       Implicition       Implicition         Volume of Air Sampled for PM25       Implicition       Implicition       Implicition         Particulate Matter PM10       µg/m3       81.8       Result         Particulate Matter PM25       Implicition       Implicition       Implicition         Particulate Matter PM10       µg/m3       12.5       Implicition       Implicition	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAmpling:27/03/2025Date of Testingocedure:As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.:23°CRel. Humidity:Min.:19%f Master Instrument Used for Monitoringnent Id No.Instrument NameSerial NumberSerial NumberJIR/RDS/01Respirable Dust Sampler210103157AIR/FPS/01Fine Particulate Sampler210202145Sampling / Monitoring Observation as per CPCB GuidelineUnit ofMonitoring DurationFlow Rate of PM10Unit ofFlow Rate of PM10Unit ofVolume of Air Sampled for PM125Relative Fmeter ResultsParticulate String: Temp.: 25 ± 5 °C, rest ParameterRelative FCHEMICAL TESTINGNAME OF GROUP - ATest ParameterUnitParticulate Matter PM10µg/m³Atter PM125µg/m³OptionUnitAtter PM12µg/m³OptionUnitAtter PM1312.5Carbon Monoxide (CO)mg/m³BDL (MDL:1.0)ReaceBarzo(a)Pyrene (BaP)ng/m³BDL (MDL:1.0)ReaceBarzo(a)Pyrene (BaP)ng/m³BDL (MDL:1.0)	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:27/03/2025Date of Testingocedure:As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.:23 $^{\circ}$ CMax.:Rel. Humidity:Min.:19%Max.:f Master Instrument Used for Monitoring ment Id No.Instrument NameSerial NumberMIR/RDS/01Respirable Dust Sampler210202145Sampling / Monitoring Observation as per CPCB GuidelineMinit of measureMonitoring DurationMMFlow Rate of PM10m³Volume of Air Sampled for PM10m³Volume of Air Sampled for PM10NAME OF GROUP - ATMOSPHCHEMICAL TESTINGNAME OF GROUP - ATMOSPHTest ParameterUnitResultPermissiParticulate Matter PM10 $\mug/m^3$ Sarticulate Matter PM10 $\mug/m^3$ CHEMICAL TESTINGNAME OF GROUP - ATMOSPHTest ParameterUnitMaximonia (NH3) $\mug/m^3$ Zarbon Monoxide (CO) $mg/m^3$ BDL (MDL:1.0)2Carbon Monoxide (CO) $mg/m^3$ BDL (MDL:1.0)2Benzo(a)Pyrene (BaP) $ng/m^3$ BDL (MDL:1.0)2	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAmpling: 27/03/2025Date of Testing ocedure: As per CPCB GuidelinesSampling / Monitoring:Near Main Gatetal Conditions duringTemp.:Min.: 23 °CMax.: 35Rel. Humidity:Min.: 19 %Max.: 49f Master Instrument Used for Monitoringtent Id No.Instrument NameSerial NumberCalAlgrMin.: 23 °CMax.: 35Rel. Humidity:Min.: 19 %Max.: 49f Master Instrument Used for Monitoringtent Id No.Instrument NameSerial NumberCalAlgrMax.: 49f Master Instrument Used for MonitoringDescriptionUnit of measurementMonitoring Observation as per CPCB GuidelineDescriptionUnit of measurementMonitoring testing :Temp.:: $25 \pm 5$ °C,Relative Humidity: 40 to 1Maxet of PM10matt Conditions during testing :Temp.:: $25 \pm 5$ °C,Relative Humidity: 40 to 1Totate ResultsPermissible LinCHEMICAL TESTINGNAME OF GROUP - ATMOSPHERIC IT	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIA28/03/2mpling:27/03/2025Date of Testing28/03/2ocedure:As per CPCB GuidelinesSampling / Monitoring: Rel. Humidity:Min.:23 Max.:0CMax.:35 %C°Cf Master Instrument Used for Monitoring ment Id No.Instrument NameSerial NumberCali. DateIR/RDS/01Respirable Dust Sampler21010315728/03/2024IR/RDS/01Respirable Dust Sampler21020214528/03/2024Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementMonitoring Durationhm³/minVolume of Air Sampled for PM10m³Volume of Air Sampled for PM25m³m³m³rental Conditions during testing :Temp.: $25 \pm 5$ °C, Relative Humidity: 40 to 52%renter ResultsCalie Matter PM10 $\mug/m^3$ 31.8100Particulate Matter PM10 $\mug/m^3$ 32.56010Particulate Matter PM2.5 $\mug/m^3$ 12.518010Particulate Matter PM2.5 $\mug/m^3$ 12.518010Particulate Matter PM2.5 $\mug/m^3$ 12.940020Calie Davide $\mug/m^3$ 12.940020Particulate Matter PM2.5 $\mug/m^3$ 12.940020Particulate Matter PM2.5 $\mug/m^3$ 12.51.020Particulate Matter PM2.5 $\mug/m^3$ 12.02020Particula	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling: $27/03/2025$ Date of Testing $28/03/2025$ cocedure:As per CPCB GuidelinesDate of Testing $28/03/2025$ Sampling / Monitoring:Near Main GateImplication $28/03/2025$ tal Conditions duringTemp.:Min.: $23$ $^{\circ}$ CMax.: $35$ $^{\circ}$ CAvg.:f Master Instrument Used for MonitoringTemp.:Min.: $19$ $^{\circ}$ Max.: $49$ $^{\circ}$ Avg.:Rel. Humidity:Min.: $19$ $^{\circ}$ Max.: $49$ $^{\circ}$ Avg.:f Master Instrument Used for MonitoringSerial NumberCali. DateNeiNerriculate Sampler $210103157$ $28/03/2024$ $22$ Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementObsMonitoring DurationhFlow Rate of PM10m³* $23$ Volume of Air Sampled for PM10m³* $32$ $32$ $5$ $60$ $15$ volume of Air Sampled for PM25MAME OF GROUP - ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTestCHEMICAL TESTINGMAME OF GROUP - ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTestCarliculate Matter PM10 $\mug/m^3$ $32.5$ $60$ $15$ $518$ Carliculate Matter PM25 $\mug/m^3$ $32.5$ $60$ $15$ $518$ <td>PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:27/03/2025Date of Testing<math>28/03/2025</math>ocedure:As per CPCB GuidelinesMin.:<math>23 \ ^{\circ}C</math>Max::<math>35 \ ^{\circ}C</math>Avg.:<math>28</math>Sampling / Monitoring:Near Main GateMin.:<math>23 \ ^{\circ}C</math>Max::<math>49 \ ^{\circ}K</math>Avg.:<math>28</math>f Master Instrument Used for MonitoringTemp.:Min.:<math>19 \ ^{\circ}K</math>Max::<math>49 \ ^{\circ}K</math>Avg.:<math>28</math>rent Id No.Instrument NameSerial NumberCali. DateNext Cali.MR/RDS/01Respirable Dust Sampler210103157<math>28/03/2024</math><math>27/03/2</math>Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementObservatiMonitoring Durationh24.18Flow Rate of PM10m³/min1.10Volume of Air Sampled for PM25m³24.2rental Conditions during testing :Temp.: <math>25 \pm 5 \ ^{\circ}C</math>,Relative Humidity: 40 to <math>52\%</math>rental Conditions during testing :Temp.: <math>25 \pm 5 \ ^{\circ}C</math>,Relative Humidity: 40 to <math>52\%</math>articulate Matter PM10<math>\mu g/m^3</math><math>81.8</math><math>100</math>IS: S182 (ParOUtume of Air Sampled for PM2.5<math>60</math>IS: S182 (ParCHEMICAL TESTINGNAME OF GROUP – ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTest MethOuture of Air Sampled</td>	PLOT NO. 758/1-2-3, GIDC ESTATE, JHAGADIA, TALUKA- Jhagadia DIST-BHARUCH (393110), GUJARAT, INDIAnpling:27/03/2025Date of Testing $28/03/2025$ ocedure:As per CPCB GuidelinesMin.: $23 \ ^{\circ}C$ Max:: $35 \ ^{\circ}C$ Avg.: $28$ Sampling / Monitoring:Near Main GateMin.: $23 \ ^{\circ}C$ Max:: $49 \ ^{\circ}K$ Avg.: $28$ f Master Instrument Used for MonitoringTemp.:Min.: $19 \ ^{\circ}K$ Max:: $49 \ ^{\circ}K$ Avg.: $28$ rent Id No.Instrument NameSerial NumberCali. DateNext Cali.MR/RDS/01Respirable Dust Sampler210103157 $28/03/2024$ $27/03/2$ Sampling / Monitoring Observation as per CPCB GuidelineDescriptionUnit of measurementObservatiMonitoring Durationh24.18Flow Rate of PM10m³/min1.10Volume of Air Sampled for PM25m³24.2rental Conditions during testing :Temp.: $25 \pm 5 \ ^{\circ}C$ ,Relative Humidity: 40 to $52\%$ rental Conditions during testing :Temp.: $25 \pm 5 \ ^{\circ}C$ ,Relative Humidity: 40 to $52\%$ articulate Matter PM10 $\mu g/m^3$ $81.8$ $100$ IS: S182 (ParOUtume of Air Sampled for PM2.5 $60$ IS: S182 (ParCHEMICAL TESTINGNAME OF GROUP – ATMOSPHERIC POLLUTIONTest ParameterUnitResultPermissible LimitTest MethOuture of Air Sampled	

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)

			(AIVIDIEINT A			9						
Test Report	No.:	URA/25	5/03/AIL-J/A-043	Repo	ort Issue	e Dat	е		03/04/	2025		
Service Requ	est form No.:	URA/SF	F/03/043	Serv	ice Req	uest	Date		27/03/2025			
Sample ID N	0.:	URA/ID	RA/ID/A-25/03/043 Field Data Sheet No. URA/FDS/A-25/02/043						3			
Name & Add	. of Customer	M/s. A	ARTI INDUSTRIES LIN	<b>/ITED</b>								
		PLOT N	0. 758/1-2-3,									
		GIDC ES	DC ESTATE, JHAGADIA, TALUKA- Jhagadia									
		DIST-BH	T-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sam	pling:	27/03/2	7/03/2025 Date of Testing 28/03/2025									
Sampling Pro	cedure:	As per (	As per CPCB Guidelines									
Location of S	ampling / Monit	oring:	Near Main Gate									
Environment	al Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	35	٥C	Avg.:	28	<sup>0</sup> C
Sampling :			Rel. Humidity:	Min.:	19	%	Max.:	49	%	Avg.:	33	%
Details of	Master Instrum	ent Used	for Monitoring									
Instrum	ent Id No.	Inst	rument Name	:	Serial N	umb	er	Ca	ili. Date	Nex	xt Cali.	Date
UERL/A	IR/RDS/01	Respira	able Dust Sampler		21010	3157	,	28/	/03/2024	1 2	7/03/2	025
UERL/A	IR/FPS/01	Fine Particulate Sampler         210202145         28/03/2024         27/03/2025										
General Sampling / Monitoring Observation as per CPCB Guideline												
Sr. No.	Sr. No. Description			Unit of measurement Observ			ervati	on				
				1								

31. NO.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.18
2.	Flow Rate of PM <sub>10</sub>	/ m³/min	1.10
3.	Volume of Air Sampled for PM <sub>10</sub>	m <sup>3</sup>	1595.9
4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.2
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







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	3452500002627F												
Test Repo	ort No.:	URA/25	5/03/AIL	-J/A-044	Re	port Issu	e Dat	e		03/04/2	2025		
Service Re	equest form No.:	URA/SR	RF/03/04	4	Sei	vice Req	uest	Date		27/03/2	2025		
Sample ID	) No.:	URA/ID	/A-25/0	3/044	Fie	ld Data S	Sheet	No.		URA/FD	S/A-25/	02/04	4
Name & A	dd. of Customer	M/s. A	ARTI INC	USTRIES L	IMITED								
			0. 758/1	,									
		GIDC ES	STATE, JH	HAGADIA,	TALUKA	- Jhagadi	а						
				I (393110), GUJARAT, INDIA									
	Dates of Sampling: 27/03/2025				Da	te of Test	ting			28/03/2	2025		
1 0	Sampling Procedure: As per CPCB (												
	of Sampling / Monito		-	ency Gate	(DG Co	oling Tov		r					
	ental Conditions dur	ing	Temp.		Min		<sup>0</sup> C	Max.:	35	٥C	Avg.:	28	<sup>0</sup> C
Sampling				umidity:	Min	.: 19	%	Max.:	49	%	Avg.:	33	%
	of Master Instrum			-	- 1						- [		
	ument Id No.		rument			Serial N				i. Date		t Cali.	
	/AIR/RDS/02			t Sampler		21010				)3/2024		//03/2	
	_/AIR/FPS/02			e Sampler		21020	)2147		28/0	)3/2024	27	/03/2	025
	al Sampling / Monit	-		n as per C	PCB Gui								
Sr. No.			iption			U	nit of	measure	ment			ervati	on
1.	Monitoring Dur	160						h				24.38	
2.	Flow Rate of PN				1		- A-	m <sup>3</sup> /min				1.08	
3.	Volume of Air S				1		1	m <sup>3</sup>	100			.579.8	
4.	Volume of Air S							m <sup>3</sup>	Section 1			24.4	
	nmental Conditions	during te	esting : T	emp.: 25 :	£5°C,	Rela	tive F	lumidity:	40 to 5	52%			
	arameter Results	<b>L</b> evine	N IN INS (N IN	t and D	NANAT		ne D	THOCOL			-		
	E – CHEMICAL TEST			l and p			JP - 4	ATMOSPH	College.				
Sr. No.	Test Para	neter		Unit		esult		Permissi	ble Lin	nit	Test	Meth	bd
1.	Particulate Matter	PM10		µg/m³		34.2		10	00		IS: 518		,
2.	Particulate Matter	PM <sub>2.5</sub>		µg/m³		28.1		6	0		IS 518	2 (Part	24)
3.	Sulphur Dioxide			µg/m³		21.9		8	0		IS: 518		
4.	Nitrogen Dioxide			µg/m³		25.5		8	0		IS: 518		
5.	Ozone			µg/m³	BDL (	MDL:5.0)	)	18	30		IS: 518		
6.	Ammonia (NH₃)			µg/m³		8.8			00		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	aP)		ng/m³	BDL (	MDL:0.1)	)	1	.0		IS: 518	2 (Pari	: 12)
11.	Nickel			ng/m³	BDL (	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	BDL (	MDL:2.0)	)	-	-		IS: 518	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.

Checked By: R. D. Goht

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.

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



GPCB Recognized Environmental Auditor (Schedule-11)

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

## TEST REPORT (AMBIENT AIR MONITORING)

				1 OININ	iu)						
Test Report No.:	URA/25	5/03/AIL-J/A-044	Repo	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/044	Servio	e Req	uest	Date		27/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/044	Field	Data S	heet	No.		URA/FD	)S/A-25/	/02/04	4
Name & Add. of Customer	M/s. A	//s. AARTI INDUSTRIES LIMITED									
	PLOT N	OT NO. 758/1-2-3,									
	GIDC ES	DC ESTATE, JHAGADIA, TALUKA- Jhagadia									
	DIST-BH	T-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:	27/03/2	28/03/2025 Date of Testing 28/03/2025									
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	Emergency Gate (	OG Coolir	ng Tov	ver)						
Environmental Conditions du	ring	Temp.:	Min.:	23	٥C	Max.:	35	٥C	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	li. Date	Nex	ct Cali.	Date
UERL/AIR/RDS/02	Respira	Respirable Dust Sampler 210103156 28/03/2024 27/03/202					025				
UERL/AIR/FPS/02	Fine Pa	articulate Sampler		21020	)2147	,	28/	/03/2024	27	7/03/2	025
							•				

General S	ampling / Monitoring Observation as per CPCB Gui	deline
Sr. No.	Description	Unit of measurement

Sr. No.	Description	Unit of measurement	Observation
1.	Monitoring Duration	h	24.38
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>	1579.8
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	men' an	NAME OF GROUP – ATMOSPHERIC POLLUTION					
Sr. No.	Test Parameter	Unit	Result	Permissible Limit	Test Method			
1.	Hydrochloric Acid (HCl)	µg/m³	17.6		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







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)

	53452500002628F											
Test Repo	ort No.:	URA/25	5/03/AIL-J/A-045	Rep	oort Issu	e Dat	e	(	03/04/2	025		
Service Re	equest form No.:	URA/SR	F/03/045	Ser	vice Req	uest	Date		27/03/2	025		
Sample ID	) No.:	URA/ID	/A-25/03/045	Fie	ld Data S	heet	No.		URA/FD	S/A-25/	02/04	5
Name & A	dd. of Customer	M/s. A/	ARTI INDUSTRIES L	IMITED								
			0. 758/1-2-3,									
			STATE, JHAGADIA, 1									
			IARUCH (393110),									
	Dates of Sampling: 27/03/2025			Dat	e of Tes	ting			28/03/2	2025		
			CPCB Guidelines									
	of Sampling / Monito	-	ETP Expansion (N		-							
	ental Conditions dur	ing	Temp.:	Min.		٥C	Max.:	35	٥C	Avg.:	28	٥C
Sampling			Rel. Humidity:	Min.	: 19	%	Max.:	49	%	Avg.:	33	%
	s of Master Instrume									-		
	ument Id No.		rument Name		Serial N				. Date		t Cali.	
	/AIR/RDS/03		ble Dust Sampler		21010				3/2024		/03/20	
	L/AIR/FPS/03		irticulate Sampler		21020	)2146		28/0	3/2024	27	/03/20	025
	al Sampling / Monit	-	-	CB Guid					1			
Sr. No.			iption		U	nit of	measure	ment			ervatio	on
1.	Monitoring Dur	3160					h				24.03	
	2. Flow Rate of PM <sub>10</sub>											
	ALC: 1910. ALC: 1910					10-	m <sup>3</sup> /min				1.13	
3.	Volume of Air S	ampled for					m <sup>3</sup>	and the		1	629.2	
3. 4.	Volume of Air S Volume of Air S	ampled for ampled for a mpled	or PM <sub>2.5</sub>	5.ºC	Pola	1	m <sup>3</sup> m <sup>3</sup>	40 to 5	:2%	1		
3. 4. > Enviro	Volume of Air S Volume of Air S nmental Conditions	ampled for ampled for a mpled	or PM <sub>2.5</sub>	5 °C,	Rela	1	m <sup>3</sup>	40 to 5	52%	1	629.2	
3. 4. > Enviror > Test Pa	Volume of Air S Volume of Air S nmental Conditions arameter Results	ampled fo ampled fo during to	or PM <sub>2.5</sub>			tive H	m <sup>3</sup> m <sup>3</sup> lumidity:	See of the			629.2	
3. 4. > Enviror > Test Pa DISCIPLIN	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST	ampled fo ampled fo during to ING	or PM <sub>2.5</sub> esting :Temp.: 25 ±	NAME	OF GROU	tive H	m <sup>3</sup> m <sup>3</sup> lumidity:	IERIC P	OLLUTI	1	629.2 24.1	
3. 4. > Enviroi > Test Pa DISCIPLIN Sr. No.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Test Param	ampled for ampled for during to ING meter	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit	NAME	OF GROU esult	tive H	m <sup>3</sup> m <sup>3</sup> Iumidity: NTMOSPH Permissi	IERIC P ble Lin	OLLUTI	1 ON Test	629.2 24.1 Metho	
3. 4. Tenviron Test Pa DISCIPLIN Sr. No. 1.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Test Para	ampled for ampled for during to ING meter PM10	or PM <sub>2.5</sub> esting :Temp.: 25 ± Unit μg/m <sup>3</sup>	NAME Re	OF GROI esult 35.7	tive H	m <sup>3</sup> m <sup>3</sup> Jumidity: ATMOSPH Permissi 1(	IERIC P ble Lin 00	OLLUTI	1 ON Test IS: 518	629.2 24.1 <b>Methc</b> 2 (Part	: 23)
3. 4. • Environ • 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 for ampled for during to ING meter PM10	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 35.7 38.2	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: NTMOSPH Permissi 10 6	IERIC P ble Lin D0 0	OLLUTI	1 ON Test IS: 518 IS 5182	629.2 24.1 <b>Metho</b> 2 (Part 2 (Part	: 23) 24)
3. 4. Tenviron Test Pa DISCIPLIN Sr. No. 1. 2. 3.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide	ampled for ampled for during to ING meter PM10	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 E	<b>OF GRO</b> esult 35.7 38.2 23.3	tive H	m <sup>3</sup> m <sup>3</sup> Jumidity: TMOSPH Permissi 1( 6 8	IERIC P ble Lin D0 0 0	OLLUTI	1 ON Test IS: 518 IS 5182 IS: 518	629.2 24.1 <b>Metho</b> 2 (Part 2 (Part 32 (Part	: 23) 24) t 2)
3. 4. Environ Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide	ampled for ampled for during to ING meter PM10	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 3 2 2	<b>OF GROU</b> esult 35.7 38.2 23.3 25.0	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: <b>TMOSPH</b> Permissi 1( 6 8 8	IERIC P ble Lin 0 0 0 0	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518	629.2 24.1 <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 E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone	ampled for ampled for during to ING meter PM10	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 Re 3 2 2 2 2 1	OF GRO esult 35.7 38.2 23.3 25.0 10.3	tive H	m <sup>3</sup> m <sup>3</sup> lumidity: ATMOSPH Permissi 10 6 8 8 8 8	IERIC P ble Lin 0 0 0 0 30	OLLUTI	1 ON Test IS: 518 IS 518 IS: 518 IS: 518 IS: 518	629.2 24.1 <b>Metho</b> 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par	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 E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> )	ampled for ampled for 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 1 1	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2	JP – A	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 11 4	DERIC P ble Lin 0 0 0 0 0 30 00	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	629.2 24.1 Metho 2 (Part 2 (Part 32 (Par 32 (Par 32 (Par 2 (Part	: 23) 24) t 2) t 6) t 9) : 25)
3. 4. Environ Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide	ampled for ampled for 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 R 3 2 2 2 1 1 1 1 1 1 1 1 1 1	OF GROU esult 35.7 38.2 23.3 25.0 10.3 12.2 WDL:1.0	JP – A	m <sup>3</sup> m <sup>3</sup> Jumidity: Permissi 10 6 8 8 8 11 40 40 2	DERIC P ble Lin 0 0 0 0 30 00 .0	OLLUTI	0N Test IS: 5182 IS: 5182 IS: 5182 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	629.2 24.1 Metho 2 (Part 2 (Part 32 (Par 32 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) : 25) : 10)
3. 4. ► Environ ► 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 E – CHEMICAL TEST Test Para Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb)	ampled for ampled for 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 8 2 2 2 1 1 8DL (1 8DL (1	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2 MDL:1.0 MDL:0.5	JP – A	m <sup>3</sup> m <sup>3</sup> Jumidity: Permissi 10 6 8 8 8 11 14 44 41 1	DERIC P ble Lin 0 0 0 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	0N Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	629.2 24.1 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part 2 (Part 2 (Part	23) 24) t 2) t 6) t 9) 25) 20) 22)
3. 4. Environ Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – CHEMICAL TEST Test Paran Particulate Matter Particulate Matter Sulphur Dioxide Nitrogen Dioxide Ozone Ammonia (NH <sub>3</sub> ) Carbon Monoxide Lead (Pb) Benzene	ampled for ampled for 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 35.7 38.2 23.3 25.0 10.3 12.2 MDL:1.0 MDL:1.0	JP – A	m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 8 11 14 14 15	ERIC P ble Lin 0 0 0 0 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	1 ON Test IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518 IS: 518	629.2 24.1 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) 25) 20) 22) t11)
3. 4. ► Environ ► Test Pa DISCIPLIN Sr. No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Volume of Air S Volume of Air S nmental Conditions arameter Results E – 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 for ampled for 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 6 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2 MDL:1.0 MDL:0.5 MDL:0.1		m <sup>3</sup> m <sup>3</sup> lumidity: Permissi 10 6 8 8 11 4 4 4 4 1 1 5 1	ERIC P ble Lin 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	1 ON Test IS: 518 IS: 518	629.2 24.1 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) 20) 22) 20) 22) t11) 22)
3. 4. ► Environ ► 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 E – 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	ampled for ampled for 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> ng/m <sup>3</sup>	NAME 6 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2 MDL:1.0 MDL:1.0 MDL:1.0		m <sup>3</sup> m <sup>3</sup> Jumidity: Permissi 10 6 8 8 11 6 8 11 11 2 1 2	DERIC P ble Lin 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	0N Test IS: 518 IS: 5182 IS: 5182 IS: 518 IS: 518	629.2 24.1 Metho 2 (Part 2 (Part	: 23) 24) t 2) t 6) : 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 E – 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 for ampled for 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> ng/m <sup>3</sup> ng/m <sup>3</sup> ng/m <sup>3</sup>	NAME R 2 2 2 1 3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2 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 11 6 1 1 5 1 2 6	ERIC P ble Lin 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	0N Test IS: 518 IS: 518	629.2 24.1 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) 25) 20) 22) t11) 22) t11) 22) 26) 22)
3. 4. ► Environ ► 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 E – 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	ampled for ampled for during to ING PM10 PM2.5 (CO) (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> µg/m <sup>3</sup>	NAME 6 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OF GRO esult 35.7 38.2 23.3 25.0 10.3 12.2 MDL:1.0 MDL:1.0 MDL:1.0		m <sup>3</sup> m <sup>3</sup> Jumidity: Permissi 10 6 8 8 11 6 11 2 1 1 2 6 6	DERIC P ble Lin 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OLLUTI	0N Test IS: 518 IS: 5182 IS: 5182 IS: 518 IS: 518	629.2 24.1 Metho 2 (Part 2 (Part 32 (Part 32 (Part 2 (Part	23) 24) t 2) t 6) 25) 25) 10) 22) t11) 12) 26) 22) 11) 22) 12) 22) 11) 22) 12) 22) 2

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.



GPCB Recognized Environmental Auditor (Schedule-11)

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

Observation

### TEST REPORT (AMBIENT AIR MONITORING)

					iu,						
Test Report No.:	URA/25	5/03/AIL-J/A-045	Repoi	rt Issu	e Dat	e		03/04/2	2025		
Service Request form No.:	URA/SF	RF/03/045	Servio	e Req	uest	Date		27/03/2	2025		
Sample ID No.:	URA/ID	/A-25/03/045	Field	Data S	heet	No.		URA/FD	S/A-25	/02/04	.5
Name & Add. of Customer	M/s. A	1/s. AARTI INDUSTRIES LIMITED									
	PLOT N	OT NO. 758/1-2-3,									
	GIDC ES	DC ESTATE, JHAGADIA, TALUKA- Jhagadia									
	DIST-BH	ST-BHARUCH (393110), GUJARAT, INDIA									
Dates of Sampling:	27/03/2	/03/2025 Date of Testing 28/03/2025									
Sampling Procedure:	As per 0	CPCB Guidelines									
Location of Sampling / Monit	oring:	ETP Expansion (Nr.	. Cooling	Towe	r)						
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	Ca	ali. Date	Ne	xt Cali.	Date
UERL/AIR/RDS/03	Respira	Respirable Dust Sampler         210103158         28/03/2024         27/03/2025									
UERL/AIR/FPS/03	Fine Pa	ne Particulate Sampler 210202146 28/03/2024 27/03/2025									
		.:		•							

General S	Sampling / Monitoring Observation as per CPCB Gui	deline	
Sr. No.	Description	Unit of measurement	
1	Manitania - Dounting	L.	

	1.	Monitoring Duration	h	24.03
	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>	1629.2
	4.	Volume of Air Sampled for PM <sub>2.5</sub>	m <sup>3</sup>	24.1
$\geq$	Environr	nental 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

Annexure-11

autor.

Factory :

(A Government Recognised Export House)

RARTI INDUSTRIES L

Unit - I

Plot No. 758/1, 2 & 3, P B. No. 23, G.I.D.C., Jhagadia - 393 · 110. Dist. Bharuch, Gujarat, INDIA. Ph. No. : 02645 - 226278, 226277 EPABX No. : 9537011711, 9537011811 Fax No. : 02645 - 226178

To

Date : 17.10.2016

The Environment Engineer

Unit Head - Ankleshwar

GPCB, Gandhinagar

ID - 14855

Sub: Dismantling of Captive Liquid Incinerator

Respected Sir,

As Liquid Incinerator is no more being utilised , we would like to dismantle the same .

We request you to kindly take a note of the same .

Thanking You

Faithfully Yours

For Aarti Industries limited

Authorized Signatory

CC: Unit Head - Hazardous Waste Cell , GPCB - HO

: RO – GPCB, Ankleshwar

Gujarat Pollution Control Board Sector No. 10 A, Gandhinagar - 352 010.

 Regd. Office
 : Plot No. 801/23, G.I.D.C. Estate, Phase III, Vapi - 396 195.

 Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

 Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

 Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

 Tel. : (0260) 2431366, 2400059, 2400158 Fax : (0260) 2401322

 Plote : (022) 25918195, 67976697, 67976666 Fax : (022) 25904806, 25653185, 67976687

 Phone : (022) 25918195, 67976697, 67976666 Fax : (022) 25904806, 25653185, 67976687



BEIL INFRASTRUCTURE LIMITED (Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref. BEIL/ANK/2025

08<sup>TH</sup> MAY 2025

TO, **AARTI INDUSTRIES LTD. UNIT-1 (758)** PLOT NO.758/-1-2-3, GIDC ESTATE JHAGADIA, DIST-BHARUCH, GUJARAT.

# Sub: <u>Membership Certificate for Common Solid Waste Disposal</u> Facility.

Dear Sir,

We hereby certify that you have become member for **5 years up to 20/01/2030** for the common Solid/Hazardous waste disposal facility of **BEIL Infrastructure Limited.** (Formerly Known as Bharuch Enviro Infrastructure Limited.)., at Ankleshwar/Dahej. You have booked solid waste quantity of <u>4000 MT/Years</u>. Your Membership No. is **JHG/008**.

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: 4523770.795 MT

4) Spare Capacity: 0574229.205 MT

Thanking you,

Yours faithfully, For BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.)

Mr. Manoj Patel (Vice President - Operations)

> 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.:100207

# To Whomsoever it may concern

# This is to certify that AARTI INDUSTRIES LTD.

PLOT NO. 758 / 1-2-3, 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 why was 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 Annexure-12B



Renewal Certificate

To whomsoever it may concern This is to certify that

Certificate No: 4100002257

For, Recycling Solutions Private Limited Unit-I

# **AARTI INDUSTRIES LTD**

PLOT NO-758/1-2-3, GIDC ESTATE JHAGADIA. JHAGADIA Gujarat

is a valid member of

# **Recycling Solutions Private Limited Unit-I**

for Alternate Fuel Resource Facility.

This membership is valid for a period of 10 Years

Date of issue : 03.08.2023 Date of expiration : 02.08.2033 Place of issue : SURAT

Waste Information

SrNo	Type Of Waste	Sign Qty(TPA)	SrNo	Type Of Waste	Sign Qty(TPA)
1	<b>DISTILLATION RESIDUE 28.1</b>	240.000	2	<b>ORGANIC RESIDUE 36.1</b>	240.000
				Total Sign Qty (TPA)	480.000

# SUBJECT TO BHARUCH JURISDICTION

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

Regd. Office 370, SVP Road, Shop 8, Plot 384, Cigaretwala Building, Opp.CBI, Prathna Samaj, Nr.Harkishandas Hospital, Mumbai - 400 004, Maharashtra, India.

Page No:1

E-mail :

mail@rs-pl.com

Director/Authorised signatory

www.rs-pl.com

Website :



# Certificate

To whomsoever it may concern This is to certify that

# **AARTI INDUSTRIES LIMITED**

PLOT NO-758/1-2-3, GIDC ESTATE JHAGADIA, JHAGADIA Gujarat

is a valid member of

# **Recycling Solutions Private Limited Unit-II**

for Alternate Fuel Resource Facility.

This membership is valid for a period of **10 Years** 

Date of issue: 20.11.2019Date of expiration: 19.11.2029Place of issue: SURAT

# For, Recycling Solutions Private Limited Unit-II

Director/Authorised signatory

# Waste Information

SrNo	Type Of Waste	Sign Qty(TPA)	SrNo	Type Of Waste	Sign Qtv(TPA)
1	DISTILLATION RESIDUE.	240.000			0.000
				Total Sign Qty (TPA)	240.000

# SUBJECT TO JURISDICTION

Site Address Plot No.208/2 GIDC Estate Panoli, Panoli-394 116 Dist. Bharuch, Gujarat. Phone: +91 2646 272029 CIN - U37100MH2012PTC237696

Regd. office : 370, S V P Road, Shop 8, Cigaretwala Bldg. Opp. CBI, Prathana Samaj, Nr. Harkishandas Hospital, Mumbai - 400004.

E-mail mail@rs-pl.com Website www.rs-pl.com



Certificate No: 4100002257



# Certificate

Certificate No.: 120000010

# To Whomsoever it may concern

This is to certify that

# AARTI INDUSTRIES LTD.

PLOT NO. 758 / 1-2-3, GIDC ESTATE JHAGADIA, BHARUCH

is a valid member of

# SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for

**Integrated Common Incineration Facility** 

This membership is valid for a period of

5 Years

Date of Issue: 24.02.2022Date of Expiration: 23.02.2027Place of Issue: Surat

For, Saurashtra Enviro Projects Pvt. Ltd. Director

SUBJECT TO SURAT JURISDICTION

R.S.No. : 417, Vill. Juna Kataria, B/h. Gail Pump Station, Samakhiali-Radhanpur Highway, Tal. : Bhachau, Dist. : Kutch-370 150 (GUJARAT). Regd Office: 3rd Floor, K.G. Chambers, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat - 395002. (GUJARAT) Phone. No.- +91 261 2351248, 2346181, E-mail: info@detoxgroup.in | Website: www.detoxgroup.in | CIN: U51100GJ2006PTC047689



# BEIL INFRASTRUCTURE LIMITED

(Formely Known As Bharuch Enviro Infrastructure Limited)

06<sup>TH</sup> OCTOBER, 2022

# To, **AARTI INDUSTRIES LTD. UNIT-1 (758)** PLOT No.758/1-2 GIDC, JHAGADIA.

# 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 **50 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/JHG/003**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully, For, BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

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



Annexure-13

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 : 31/10/2023

संख्या /No. : P/WC/GJ/15/2598 (P12353)

सेवा में /To,

> M/S. AARTI INDUSTRIES LTD., 758/1-A GIDC Jhagadia,, JHAGADIA, GIDC Jhagadia, Bharuch, Taluka: Jhagadia, District: BHARUCH, State: Gujarat PIN: 393110

- विषय Plot No, NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में स्थित /Sub : विद्यमान पेट्रोलियम वर्ग A अधिष्ठापन में अनुज्ञप्ति सं P/WC/GJ/15/2598 (P12353) के नवीकरण के संदर्भ में । Existing Petroleum Class A Installation at Plot No, NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH,
- Existing Petroleum Class A Installation at Plot No, NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH State: Gujarat, PIN: 393110 - Licence No. P/WC/GJ/15/2598 (P12353) - Renewal regarding.

# महोदय

/Sir(s),

कृपया आपके पत्र क्रमांक OIN1507684 दिनांक 30/10/2023 का अवलोकन करें।

Please refer to your letter No.: OIN1507684, dated 30/10/2023

अनुज्ञप्ति संख्या P/WC/GJ/15/2598 (P12353) दिनांक 21/02/2018 को दिनांक 31/12/2028 तक नवीनीकृत कर इस पत्र के साथ अग्रषित की जा रही है ।

Licence No. P/WC/GJ/15/2598 (P12353) dated 21/02/2018 is forwarded herewith duly renewed upto 31/12/2028.

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/WC/GJ/15/2598(P12353)

फीस रूपए (Fee Rs.) 22700/- per year

M/S. AARTI INDUSTRIES LTD., 758/1-A GIDC Jhagadia,, JHAGADIA, GIDC Jhagadia, Bharuch, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्टु वर्ग और मात्राओं में पेट्रोलियम 404.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/WC/GJ/15/2598(P12353) तारीख 07/09/2017 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 LTD., 758/1-A GIDC Jhagadia,, JHAGADIA, GIDC Jhagadia, Bharuch, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 valid only for the importation and storage of 404.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/WC/GJ/15/2598(P12353) dated 07/09/2017 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 **2028** तक प्रवृत रहेगी । The Licence shall remain in force till the 31st day of December **2028** 

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	404.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	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	404.00 KL

August 17, 2000

For Jt. Chief Controller of Explosives WC, Mumbai

1). Amendment dated - 05/08/2009

2). Amendment dated - 18/02/2010

3). Amendment dated - 21/02/2018

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 स्थान पर अवस्थित है तथा उसमें निम्नलिखित FOUR UNDERGROUND PETROLEUM CLASS A STORAGE TANK TOGETHER WITH CONNECTED FACILITIES. सम्मिलित हैं।

The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: NA, JAGADIA, JAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 and consists of FOUR UNDERGROUND PETROLEUM CLASS A STORAGE TANK TOGETHER WITH CONNECTED FACILITIES. together with connected facilities. Note:-This is system generated document does not require

signature.

#### पेज सं. 2

#### अनुज्ञप्ति संख्या-(Licence No.) P/WC/GJ/15/2598 (P12353)

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

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष 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.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारी Date of Expiry of licen	Signature and office stamp of the licencing
1).	09/01/2006	31/12/2008	Sd/- Rajnish Piplani
2).	19/11/2008	31/12/2009	Sd/- Ashendra Singh
3).	06/08/2009	31/12/2010	Sd/- Rajnish Piplani
4).	03/11/2010	31/12/2013	Sd/- Ashendra Singh
5).	21/10/2013	31/12/2023	Sd/- R.K.MAINDOLA Dy. Chief Controller of Explosives For Jt. Chief Controller of Explosives Mumbai
6).	31/10/2023	31/12/2028	Tejveer Singh Dy. Controller of Explosives For Jt. Chief Controller of Explosives Vadodara

यदि अनुज्ञत्ति 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 अनुज्ञत्ति रद्द की जा सकती है और अनुज्ञत्तिधारी 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, व्युप्ताय के प्रधातवर्ती 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, व्युप्ताय के प्रधानवर्ती 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, व्युप्ताय के प्रिय के किए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, व्युप्ताय 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.



भारत सरकार 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, Vadoara - 390012

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

> > दिनांक /Dated : 04/10/2024

संख्या /No. : P/HQ/GJ/15/5018 (P168896)

सेवा में /To,

M/s. M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, GIDC Jhagadia, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat PIN: 393110

- विषय Plot No, Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 में /Sub : स्थित विद्यमान पेट्रोलियम वर्ग B,C अधिष्ठापन में अनुज्ञप्ति सं P/HQ/GJ/15/5018 (P168896) के नवीकरण के संदर्भ में ।
  - Existing Petroleum Class B,C Installation at Plot No, Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 - Licence No. P/HQ/GJ/15/5018 (P168896) - Renewal regarding.

#### महोदय /Sir(s),

ກາ(s), ສາມນ

कृपया आपके पत्र क्रमांक OIN1784768 दिनांक 03/10/2024 का अवलोकन करें । Please refer to your letter No.: OIN1784768, dated 03/10/2024

अनुज्ञप्ति संख्या P/HQ/GJ/15/5018 (P168896) दिनांक 23/01/2018 को दिनांक 31/12/2034 तक नवीनीकृत कर इस पत्र के साथ अग्रषित की जा रही है । Licence No. P/HQ/GJ/15/5018 (P168896) dated 23/01/2018 is forwarded herewith duly renewed upto 31/12/2034.

कृपया पेट्रोलियम नियम 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 Jt. Chief Controller of Explosives, Vadodara कार्यालय को प्रेषित 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

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

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

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

अनुज्ञप्ति सं. (Licence No.) : P/HQ/GJ/15/5018(P168896)

फीस रूपए (Fee Rs.) 10300/- per year

M/s. M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, GIDC Jhagadia, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 को केवल इसमें यथा विनिर्दिष्टु वर्ग और मात्राओं में पेट्रोलियम 94.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/GJ/15/5018(P168896) तारीख 07/09/2017 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. M/s. Aarti Industries Ltd., Plot No. 758/1,2 & 3, GIDC Jhagadia, GIDC Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 valid only for the importation and storage of 94.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/GJ/15/5018(P168896) dated 07/09/2017 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
र्व्य क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	38.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	56.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C,otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	94.00 KL

#### July 28, 2009

1). Amendment dated - 23/01/2018

Chief Controller of Explosives

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

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 स्थान पर अवस्थित है तथा उसमें निम्नलिखित 1 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C , सम्मिलित हैं |

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: Plot No. 758/1-2-3, GIDC, NA, Jhagadia, Jhagadia, Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 and consists of 1 Above Ground tank(s) for CLASS B , 1 Above Ground tank(s) for CLASS C , together with connected facilities.

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signature.

## पेज सं. 2

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/GJ/15/5018 (P168896)

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

पेट्रोलियम् अधिनियम्, १९३४ुके उपबन्धों या नवीक			अनुज्ञापन प्राधिकारी के हस्ताक्षर और
उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति	Date of	Date of	स्टाम्प
की शर्तों का उल्लंघन न होने की दशा में यह <sup>F</sup> अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष	Renewal	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).	22/11/2011	31/12/2014	Sd/- Dr. M.I.Z.Ansari
2).	14/11/2014	31/12/2024	Sd/- S K Shukla Jt. Chief Controller of Explosives Mumbai
3).	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.

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# 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)

Policy Details							
Policy Number		12040036243300000004	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	:	//		

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	No Of Locations Involved	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

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension



BT 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.



Special Conditions	Claims made b	Claims made basis		
	Territory & Juri	erritory & Jurisdiction : India		
	NA			
Special Exclusions	NA			
Special Excess/Deductible	0			
Retroactive Dates		Date		
Retroactive date		09/01/2022		

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Descrip	Description	
Premium and GST Details			
	Rate of Tax	Amount 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. D.O. 120400, New India Centre, 4th Floor, 17-A, Cooperage Road, Mumbai - 400 001.

Phone : 22815075, 22892800 E-mail : nia.120400@newindia.co.in

# **Public Liability Act policy**

DATE: 09/01/2025

 Issued at MUMBAI
 DATE:
 09,

 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, Gujarat PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B , GIDC
14	Chemical	JHA6(Onyx)	Jhagadia	NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 383119 SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8 Aug
15	Chemical	KU01	Anushakti	KUTCH BHACHAU, GUJARAT 370140 400
16	Chemical	NS01	Nascent	PLOT NO. 24, PHASE-I, G.I.D.C., DIST ALSAD AMBAIN 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

1	1	1		
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			Rented
5	SL - STORAGE LOCATION	Plot No H-4/2/B MIDC Tarapur		Rented
6	SL - STORAGE LOCATION	194/11 In Dal Mill Compound		Rented
7	SL - STORAGE LOCATION	,		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	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				
15	VD09				
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	Renteo
24 TA04		PLOT NO 188 TO 190 2ND PHASE GIDC VAPI 396195	Vapi	Rentec
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	Renteo
27	JA05	Plot No 2900/115,2900/116 GIDC Ankleshwar ,Dist.Bharuch -393002 Gujarat	Ankleshwar	Renteo
28	JA05	PLOT NO 2900/117 , INDOKEM COMPOUND, GIDC ESTATE,DIST BHARUCH ANKLESHWAR - 393002	Ankleshwar	Rentec
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	Renteo
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	Rentec
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 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	
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	Jalna	Rented		
43 SL - STORAGE LOCATION		TERMINAL AT PORT PIPAVAV, POST BAG 45, POST UCHHAIYA VIA RAJULA, UCHHAIYA,Amreli, Gujarat, 365560	Pipavav	Owned		
44SL - STORAGE LOCATION45MW0546VD01		SL - STORAGE WAREHOUSE AT GAT NO 87, VILLAGE				
		GAT NO. 706, SANDIP WAREHOUSE, AVHANE SHIVAR KANALDA ROAD, AVHANE SHIVAR, JALGAON - 425002, MAHARASHTRA	Jalgaon	Rented		
		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	Area GIDC Estate 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		

		396155		
55	SL - STORAGE LOCATION	Survey No 846, Plot No 106, Namdha, Vapi, Valsad, Gujarat 396195	Vapi	Rented
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

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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 4 SL - STORAGE LOCATION		SURVEY NO 26 (OLD SURVEY NO 157), PADANA WAREHOUSE, PADANA, GANDHIDHAM, KUTCH GUJARAT	Kutch	Rented
5	SL - STORAGE LOCATION	Gandhidham Kutch	Rented	
6	KU04	LOCATION Ta. Bhachau, Dist Kutch, Gujarat. Kutch KU04 NEAR OIL JETTY, IFFCO PLANT KU04 IFFCO ROAD, KUTCH, GUJARAT Kutch 370210 Tank No 103, Plot No 7, Kandla, Kutch, Near Jawaharlal Nehru Railway Crossing, Kandla, Kutch, Gujarat 370210		Rented
7	-			Rented
8	-	Tank No TK 122, Plot No 7, Pandit Jawahar Lal Nehru Marg, Gandhidham, Kandla, Kutch, Gujarat 370210	Kutch	Rented
9 - 10 KU06		NEAR OIL JETTY, CRL TERMINALS PVT LTD, POINT NO 1, NEAR WASTE GATE NI 1, KANDLA, KUTCH, GUJARAT 370210	Kutch	Rented
		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, Maharashtra 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



Annexure-15



# 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 FACT**x

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.

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				Nature of	Raw materials, products or	Date of	Date of leaving/	Reasons for	I'F	Media	al examination and	the results the			declared unfit for		Aahar	anidas																		
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### Annexure-17

	CSR/CER Activities from Oct'24 to Mar'25										
Sr No.			Nature of Work Expended Amoun (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	Tree Plantation 1000 nos		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							





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)

TC-15345

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

## TEST REPORT

#### AMBIENT NOISE LEVEL MONITORING REPORT

ULR - TC153452500002686F										
Test Report No.:URA/25/03/AIL-J/AN-001Date Of Report:03/04/2025										
Name & Add. of Industries	M/s. Aarti Industries Limited.									
	Plot No. 758/1-2-3,	Plot No. 758/1-2-3,								
	GIDC Estate, Jhagadia, Taluka - Jhagadia									
	Dist. Bharuch (393110), Guja	arat, India.								
Sampling Method	IS : 9989 : 1981									
Details of Instrument	Details of Instrument Used for Monitoring.									
Instrument Id No. Instrument Name Serial Number Cali. Date Next Cali. D										
UERL/AIR/SLM/Q630838 Sound Level Meter SL 4023 SD 02/02/2025 01/02/2026										

Date and Time of Monitoring : 05 & 08/03/2025

#### Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION				
		Noise Le	vel dB(A)	Permissible Limit CPCB		
Sr. No.	Location	Day Time (6:00 – 22:00)	Night Time (22:00 – 6:00)	Day Time	Night Time	
1.	Near VIP Gate	63.3	60.6	75 dB (A)	70 dB (A)	
2.	Near Material Gate	66	58.4	75 dB (A)	70 dB (A)	
3.	Near CN1 2 3 Nox Scrubber Area	70.7	65.7	75 dB (A)	70 dB (A)	
4.	Near U/G Benzene Storage Area	66.6	61.8	75 dB (A)	70 dB (A)	
5.	Near Gate No 2	70.9	65.4	75 dB (A)	70 dB (A)	
6.	Near 30 TPH Boiler Area	68.1	64.0	75 dB (A)	70 dB (A)	
7.	Near Acid Tank Farm Loading/Unloading Area	70.1 70.1	64.8	75 dB (A)	70 dB (A)	
8.	150 KLD SBT Area	66.3	52.5	75 dB (A)	70 dB (A)	
9.	Near NT Tank Farm	58.2	59.9	75 dB (A)	70 dB (A)	
10.	Near MBR STP	67.5	63.0	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)

Page 1 of 2

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

UERL/AIR/F-18/03







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 NOISE LEVEL MONITORING REPORT

ULR - TC153452500002686F						
Test Report No.:	URA/25/03/AIL-J/AN-001	Date Of Report:	03/04/20	)25		
Name & Add. of Industries	M/s. Aarti Industries Limitee	d.				
	Plot No. 758/1-2-3,					
	GIDC Estate, Jhagadia, Taluka - Jhagadia					
	Dist. Bharuch (393110), Gujarat, India.					
Sampling Method	Sampling Method IS : 9989 : 1981					
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 : 05 & 08/03/2025

#### Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP	NAME OF GROUP – ATMOSPHERIC POLLUTION				
		Noise Lev	vel 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 Ash Silo (CPP Plant)	53.1	66.4	75 dB (A)	70 dB (A)		
12.	Near ETP Expansion	59.8	55.7	75 dB (A)	70 dB (A)		
13.	Near Utility DM Plant	72.9	68.5	75 dB (A)	70 dB (A)		
14.	Near NEW ETP	73.7	68.7	75 dB (A)	70 dB (A)		
15.	Near Utility RO Section	64	61.6	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	Emile 5.500 ///0.000 0.070 0.070 0.071 0	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: Countrips

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-18/03

Page 2 of 2

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







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**

### WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500002688F						
Test Report No.:	URA/25/03/AIL-J/WN-001	Date Of Report:	03/04/20	)25		
Name & Add. of Industries	M/s. Aarti Industries Limitee	d.				
	Plot No. 758/1-2-3,	Plot No. 758/1-2-3,				
	GIDC Estate, Jhagadia, Taluka - Jhagadia					
	Dist. Bharuch (393110), Gujarat, India.					
Sampling Method	ling 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 : 08/03/2025

#### Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)	
1.	Near D.G Set (1-4), PDC 1	70.2	85 dB (A)	
2.	CLA Plant (Scrubber System)	72.1	85 dB (A)	
3.	PCA Flaker	68.2	85 dB (A)	
4.	Methanol Recovery Section (PPPPU Pump)	69.7	85 dB (A)	
5.	Near Vacuum Pump (MEE 1 Plant)	69.7	85 dB (A)	
6.	Near D.G Set (5&6), PDC 2	65.8	85 dB (A)	
7.	MEE 2 3 4 Vacuum Pump	79.9	85 dB (A)	
8.	Near AIR Compressor (17 & 30 TPH Boiler)	78.7	85 dB (A)	
9.	150 KLD SBT Ozone Generator Vacuum Pump	66.7	85 dB (A)	
10.	400 KL Aeration Tank Blower	81.1	85 dB (A)	

TWA: Time Weighted Average.

**Remarks: Opinion & Interpretation (if required):** 

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

**Checked By:** R. D. Gohrt

**Rajnish Gohil** (Chemist)

Authorized By: Countrips

Pooja Gandhi (Env. Engineer)

UERL/AIR/F-84/00

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







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

### WORKPLACE NOISE LEVEL MONITORING REPORT

ULR - TC153452500002688F						
Test Report No.:	URA/25/03/AIL-J/WN-001	Date Of Report:	03/04/20	)25		
Name & Add. of Industries	M/s. Aarti Industries Limitee	M/s. Aarti Industries Limited.				
	Plot No. 758/1-2-3,					
	GIDC Estate, Jhagadia, Taluka - Jhagadia					
	Dist. Bharuch (393110), Guja	Dist. Bharuch (393110), Gujarat, India.				
Sampling Method	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 : 08/03/2025

#### Result

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHER	NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Location	Noise Level dB(A)	Permissible Limit TWA (8 hrs.)		
11.	Near ESP (CPP Plant)	83.2	85 dB(A)		
12.	Near ESP (30 TPH Boiler)	81.2	85 dB(A)		
13.	WTP Air Compressor (CPP Plant)	84.7	85 dB(A)		
14.	Coal Conveyer Belt (CPP Plant)	74.5	85 dB(A)		
15.	New Vacuum Skid & Surrounding Road	83.2	85 dB(A)		

**TWA:** Time Weighted Average.

# -nvimnment and Research Lahs Put. Ltd 🌫

Remarks: Opinion & Interpretation (if required):

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

**Checked By:** R. D. Gohrt

Rajnish Gohil (Chemist)

Authorized By:

Pooja Gandhi (Env. Engineer)

Page 2 of 2

UERL/AIR/F-84/00

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

NA I	BIUCK-C, 3" FIUUI, RUUIII NU.322, N	varmada Bhavan, Ind	ulla Avenue Road, vadodara-1
ta	No. DyCEI/VDR/EAR/ 570	/2022-23	<i><i><i>w</i></i></i>
	Dtd: 16/312023 A	nnexure-19	☞ (0265) 2436270

# LETTER OF ACCEPTANCE OF ENERGY AUDIT REPORT

The Following Energy Audit report has been submitted to this office.

Name & Address of the Consumer	:	Aarti Industries Limited, plot. No.758/1,2,& 3, 576 /2& 3( A &B) 756/4(A&B )756/5(A&B)756/6, 756/7,756/8,756/9,778,779, GIDC Jhagadia, Dist. Bharuch -393110
Name & Address of the Auditor	:	Devaki Energy Consultancy PVT.LTD ,405 " IVORY TERRACE "R.C. Datt Road Vadodara 390007
Consumer No.	:	39652
Date of Submission	:	13-12-2022
Contract Demand	:	12500 KVA

This is to informed that the above audit report has been found as per the format prescribed by this department and hence the same has been accepted subject to condition that the Energy Auditor shall submit two follow up reports, each at an interval of six months, within one year from the date of submission of this report to this office. After submission of two follow up reports, required certificate will be issued.

> (V K Purohit) Dy. Chief Electrical Inspector, South Zone, Vadodara

(1) Aarti Industries Limited, plot. No

758/1,2,& 3, 576 /2& 3( A &B) 756/4(A&B )756/5(A&B)756/6,756/7, 756/8,756/9,778,779,GIDC Jhagadia, Dist. Bharuch -393110

- (2) Devaki Energy Consultancy PVT.LTD ,405 " IVORY TERRACE "R.C. Datt Road Vadodara 390007
- (3) Office Copy

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To,

# **ENERGY AUDIT REPORT**

AARTI INDUSTRIES LIMITED, Jhagadia, Gujarat

Consumer no. 39652

Conducted by



DEVKI ENERGY CONSULTANCY PVT. LTD. VADODARA, INDIA

www.devkienergy.com

2022

# ACKNOWLEDGEMENTS

We thank the management of Aarti Industries, Jhagadia for entrusting the Energy Audit study to us. Our special thanks are due to the following persons for the co-operation extended to the energy audit team during the Energy Audit Study.

Mr. Ronak Kabra Mr. Shailesh Aghera Mr. Manish Pavasiya Mr. Chatur Sambhoji Mr. Vaseem Gazi Mr. Smit Chauhan Mr. Dipal Desai Mr. Sankha Choudhury Mr. Manjay Sharma Mr. S S Devkar Mr. Anudeep Thorat Mr. Chetan Lad Mr. Mohsin Dange Mr. Rahul Bansal Mr. Prashant Zala Mr. Aamir Rangrej Mr. Ankit Tiwari Mr. Prem Mohite Mr. Yogesh Goti Mr. Kuldeep Parmar Mr. Archan Patel Mr. Chintan Jethva Mr. Vaibhav Patel Mr. Randhir Rana Mr. Vinod Patel

We also thank all members in Production and Maintenance departments for assisting us in measurements and data collection.

Mr. Vipul Modi

Energy Audit Team

Mr. R. Paraman (Accredited Energy Auditor) Ms. Ashwini Malvaniya Mr. Prashant Jha Mr. Kishan Parmar Mr. Vijay Singh Patel Mr. Vrittansh Srivastava

is conferred upon the Sujarat Cleaner Production Award in Garge Scale Sector for outstanding achievement in implementing the Cleaner Production Practices Ill's. Harti Industries Limited (Unit-I), Thagadia **Gujarat Cleaner Production Centre** Smt. D. Tharn, IAS Chairperson AT CLEANER PRODUCTION AV Forests & Environment Department **Government of Gujarat** This is to certify that Forests & Environment Department, GoG Additional Chief Secretary Helain Arvind Agarwal, LAS VARD 2014-15



# GOVERNMENT OF INDIA MINISTRY OF CORPORATE AFFAIRS

# Registrar of Companies, Ahmedabad RoC Bhavan , Opp Rupal Park Society , Behind Ankur Bus Stop , Naranpura Ahmedabad - 380013

Corporate Identity Number: L24110GJ1984PLC007301

# (SECTION 66(5) OF THE COMPANIES ACT, 2013) CERTIFICATE OF REGISTRATION OF ORDER CONFIRMING REDUCTION OF CAPITAL

M/s AARTI INDUSTRIES LTD having by special resolution passed on 13/02/2015 reduced its capital, and such reduction having been confirmed by an order dated 31/07/2015 of the Hon'ble HIGH COURT OF GUJARAT, HIGH COURT OF GUJARAT AT AHMEDABAD passed in Petition number 116 of 2015. I hereby certify that a copy of the said order and Minutes approved by the Hon'ble High Court of HIGH COURT OF GUJARAT AT AHMEDABAD showing the particulars of the capital and shares of the company as altered by the said order have this day been registered.

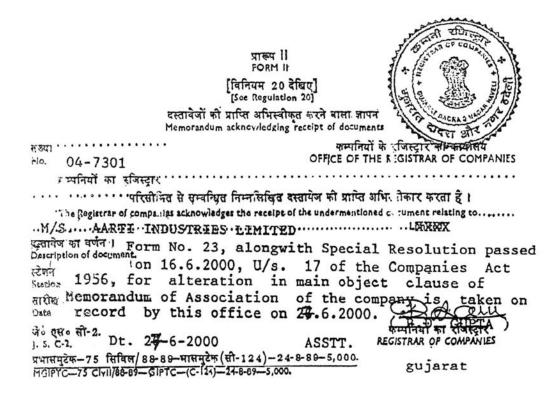
Given under my hand at Ahmedabad this Eighteenth day of September Two Thousand Fifteen.

Rathod Kamleshkumare Gangjibhai Assistant Registrar of Companies Registrar of Companies Ahmedabad

Mailing Address as per record available in Registrar of Companies office: AARTI INDUSTRIES LTD PLOT NO 801/23 GIDC ESTATEPHASE III, VAPI - 396195, Gujarat, INDIA



OFFICE OF THE REGISTRAR OF COMPANIES, GUJARAT. FORM - II [See Regulation 20]					
Memorandum Ad	cknowledging Receipt of Documents				
Co. No. 04-7301.					
The Registrar o	f companies acknowledges the receipt of the				
	Blating to AARTI INDUSTRIES				
LIMITED.	Private Limited / Limited.				
Description of Document :- R	orm No 23 alongwith special Resolution passed n 28/8/2002 U/S 17 of the Companies Act, 1956				
S Summer a dealt f	or alteration in mana/other clause of the				
	Memorandum of Association is taken on this offic				
	racord on 26/9/2002.				
A A A A A A A A A A A A A A A A A A A	, Bable				
Stadog William D	( U.S. PATCLE )				
and and a second	ASSTT. REGISTRAR OF COMPANIES,				
Date 26/9/2002.	EGUJARAT				



प्रारूप !! FORM II [विनियम 20 देखिए] [See Regulation 20] दस्तावेजों को प्राप्ति अभिस्वीकृत करने बाला ज्ञापन Memorandum acknowledging receipt of documents 04-7301 राख्या कम्पनियों के रजिस्ट्रार का कार्यालय No. OFFICE OF THE REGISTRAR OF COMPANIES ................ कम्पनियों का राजस्ट्रार • 'परिसीमित से सम्बन्धित निम्नलिखित दस्तावेज की प्राप्ति अभिस्वीकार करता है। दस्तादन का वर्णन । Description of document. The Form No.23 alongwith special Resolution passed u/s.17 of the Companies Act, 1956 on 26/08/97 has been taken on record on 12/2/98. स्टगन Station वारीख 12/02/98 Date ( O.N. PANDE कम्पनियों का रजिस्ट्रार जे० एस॰ सी-2. ASSEL, REGISTRAR OF COMPANIES . S. C-2. ाभासमुटेक-75 सिविल/88-89-भासमुटेक (सी-124)-24-8-89-5,000. MGIPTC-75 CIVII/88-89-GIPTC-(C-124)-24-8-89-5.000.

# **ANNEXURE 22**

## Compliance of Risk Assessment & Disaster Management Plan

Sr. No.	CONDITIONS	COMPLIANCE	
Ι	On-site Emergency Planning	Complied Onsite emergency plan is prepared as per DISH, Govt. of Gujarat guidelines & followed. Cover page and index of the on-site emergency plan is enclosed as <b>Annexure-23</b>	
1	Preventive and predictive systems a. Protective systems b. Personal protective equipment	<ul> <li>Complied <ul> <li>a. Unit adheres to protective systems such as Safe Operating Procedure, Permit to work, Process Safety Interlocks, Training &amp; Competency building, standard maintenance practices, HIRA/JSA, etc</li> <li>b. Unit ensures the use of Mandatory PPEs like Helmet safety Shoes, Safety goggles, face mask &amp; Job specific PPEs like Cartridge gas mask, Breathing air, PVC Suit Etc.</li> </ul> </li> </ul>	
2	Mock drill and simulation exercises	Complied Mock drills are being conducted as per the defined schedule considering the recommendations from Gujarat factory rules.	
З	Mutual aid scheme	Complied The Mutual Aid Scheme is in place and operational & the same is enclosed herewith as <b>Annexure-22A</b>	
4	Communication medical facilities	Complied. Well equipped OHC is functioning under the supervision of qualified Factory Medical Officers.	
5	Reporting to external agencies	Complied Unit is reporting to DISH as per the requirement stipulated in Gujarat Factory Rules.	
II	Off-site Emergency Planning		
1	Educating the people around	Complied Unit is participating in the Off site Emergency planning and drill to educate people. Coordination and communication as and when required is also ensured.	
2	Mock drills	Complied Unit is participating in the mock drill conducted by District Authorities.	

# **ANNEXURE 22**

3	Communication	Complied Unit ensures adequate communication to all applicable authorities & as and when required.
4	Transport	Complied Unit has an adequate and dedicated emergency transport facility.
5	Medical facilities	Complied, Unit has tied up with Hospitals to cater off-site medical emergencies.
6	Coordination	Complied Unit has formulated a Task force including experts from all disciplines to handle any off-site emergencies with better coordination.
7	Evacuation	Complied Evacuation will be ensured as per the off-site emergency plan.
8	Mutual aid scheme	Complied The Mutual Aid Scheme is in place and operational & the same is enclosed herewith as <b>Annexure-22A</b>

## Compliance of Risk Assessment & Disaster Management Plan

# 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.

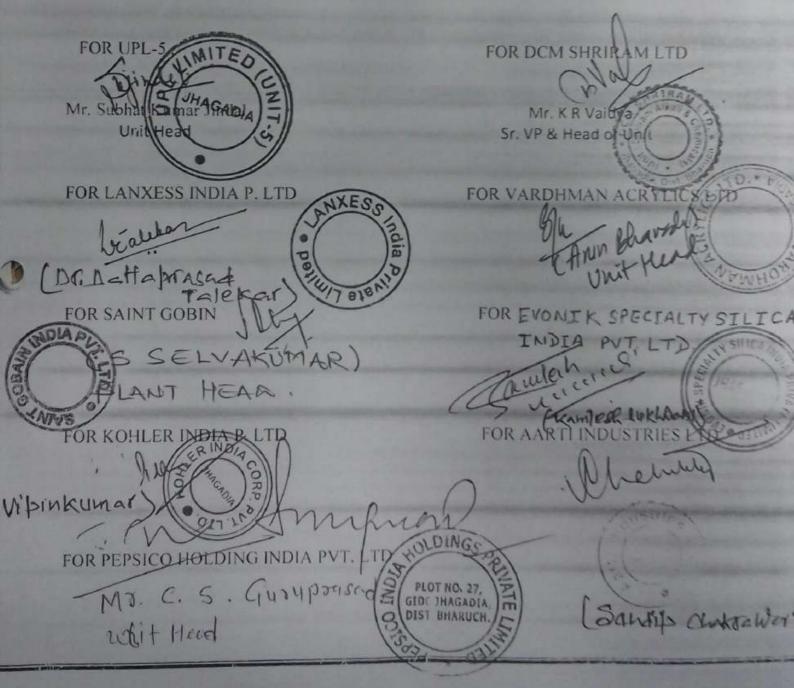
Sr No	Name of the company	Address for communication
1	UPL Ltd.(Unit 5)	UPL Ltd Plot no 746 / 750 ,GIDC , Jhagadia Dist. :Bharuch ,State: Gujarat
2	DCM SHRIRAM Ltd. (Unit: Shriram Alkali & Chemicals)	DCM SHRIRAM LTD. (unit: Shriram Alkalı & Chemicals) Plot no: 749, GIDC Industrial Estate, Jhagadia, Dist Bharuch State: Gujarat
3	LANXESS 'INUI'A HAT.LTD.	PLOT NO. 7481243, 4A, 413 GIDC MEGA ESTATE IHAGADIA-393110 Dist BHAM
4	Vardhaman Azrylics Ud;	755, GIDC, Thagadia Bharnch - 393110 asunsharadi Quandimon. wo
5	-SANT GOBANN INDIA DUT C	GIAC JHAGAAIA BHARUCH-293110
7	EVONIK SPECIALTY SILICA INDIA PUT. LTD	PLOTNO-754, GIDC JHAGADI DIST - BHARUCH STATE- GUJARAT
8	KOHLER INDIA PVT. LTD.	THAGADIA - 393110, UIST
9	Pepsi Co India Holding Prt Lild., Jhagadia.	Plot NO. 97, GRDC Shagadig, Dist. Bharnel State - Gujasot PLOT NUE. 758-1/23875224
10	AARTI INDUOTRIES LTD	3A-B AH-B SA-B 67277 GILC Mega Cetare IHAGADIA - 39310, 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.





Ref no. AIL/Lic. No.15451/2024-25/033

19/09/2024

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

Sub: Submission of On Site Emergency Plan Ref.: Factory License No.- 15451

Respected Sir,

Inline with the above mentioned subject, hereby we are submitting Updated On site emergency plan of Plot No 758/1, 2 & 3, Survey No. 359, 360, 364. 358, 357, 356, 345, 348 GIDC Jhagadia Estate, Tal: Jhagdia, Dist.: Bharuch -393110.

In view of the above, We request to acknowledge the same and oblige.

Thanking You, • For, Aarti Industries Limited,

Mr. Samir Pandya (Authorized Signatory) Plot No 758/1, 2 & 3, Survey No. 359, 360, 364, 358, 357, 356, 345, 348 GIDC Jhagadia Estate, Tal: Jhagdia, Dist.: Bharuch -393110.

Encls: Annexure 1: On Site Emergency Plan

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

Regd. Office : Plot No. 801, 801/23, Illrd Phase, GIDC Vapi-396195, Dist- Valsad. INDIA. T : 0260-2400366. Factory : Plot No. - 758/1-2-3, GIDC, PB No.-23, Jhagadia-393 110, Dist-Bharuch. INDIA. T : 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



# **On-Site Emergency Plan**

[Prepared as required by Schedule 8-A, Rule 68 – J (12) (1) of The GFR 1963] & [The rule 13(1) of MSIHC Rules 1989 (Manufacture, Storage and Import of Hazardous chemicals Rule -1989)]

# OF

# M/s. Aarti Industries Ltd.(Unit - 1)

# Jhagadia

# September 2024

# Address:

Plot No:758/1,2&3, Survey No. 359,360,364,358,357,356,345, 348 GIDC Jhagadia, Dist-Bharuch, Gujarat - 393110

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