

Ref. No.: AARTI/VAPI/ENV/AOD/2024-2025/040

Date: 21.11.2024

To,

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

Subject: Half yearly environment clearance conditions compliance Report for period April 24 - Sept 24. Ref. : EC No. J-11011/47/2015-IA II (I) dated : October 28th, 2016.

Respected Sir,

With reference to the above subject we are submitting the Compliance Report (monitoring period April 24 - Sept 24) as per condition (xv) of the general conditions as mentioned in environmental clearance letter no. J-11011/47/2015-IA II (I) dated October 28th, 2016 for our project 'Expansion of Dye intermediate and Pesticides unit by M/s. Aarti Industries Limited (Alchemie Organics Division) in GIDC industrial estate, Vapi in Gujarat'. The compliance report is supported with the required attachments.

Thank you.

Yours Faithfully, For Aarti Industries Limited (Alchemie Organics Division)

Authorized Signatory

COPY TO

1) Email to CPCB Vadodara,

2) Email to SEIAA Gujarat,

- The Member Secretary, GPCB, Paryavaran Bhavan, Sector – 10 / A, Gandhinagar – 382043.
- 4) Uploaded in Parivesh, MoEF&CC Portal.

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 : Alchemie Organics Division, Plot No. 902, 923, Illrd Phase, GIDC Vapi-396195, Dist - Valsad. Admin. Office : 71, Udyog Kshetra, 2nd Floor, LBS Marg, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA. T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

Sr. no.		Condition				(Compliance status						
2.0	The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that the proposal is for the expansion of pesticide (from 5955 MTPA to 17338.17 MTPA) at plot no. 903,923, GIDC Estate, Vapi, Gujarat by M/s Aarti Industries Ltd. (Alchemie Organic Division). The total plot area is 11,970 m ² of which the greenbelt area will be developed at 2346 m ² . Total cost of the expansion project is 1,515 Lacs. No National parks, wildlife sanctuaries, biosphere reserves, heritage sites, tanks, reserve forests etc. are located within 10 km distance. It is reported that the river Daman Ganga is flowing near the project site. The following products will be manufactured:			The division has valid consent, CCA AWH—123323 , which is valid until 30.09.2029. The unit has obtained CCA for said EC. Production details for April 2024 to September 2024 are attached as <u>ANNEXURE-1</u> . As the unit is located in the GIDC-notified area, there are no National par wildlife sanctuaries biosphere reserves heritage sites tanks, reserve fores									
	Sr. No.	Name of Products	Proposed production Capacity (MT/Year)	1 r	Sr. No. Name of Products		Production for the period April 2024 to September 2024 in MT	Limit as per EC for 6 months in MT					
	1.	Hydrogenation			1	DCBH	1849.95	2000MT					
	1.1	DCBH (Di chloro Benzene hydroChloride)	7800		2	1,3 D.F.B	118.40	20001011					
	1.2	1,3 D.F.B (Di fluoro benzene)			3	Ortho Chloro Aniline	223.55	487.5MT					
	1.2	3,5/2,6 DFA (Di fluoro Aniline)	-		4	2,3/ 2,5 DCP	173.00						
	1.5	OT Base			5	3,5 DiChloro Nitro Benzene	298.85	1200 MT					
	1.5	DiAnisidine			6	2,6 DCPNA	333.00	2000 MT					
	1.6	Ortho Toluene	87		-	Total	1849.95	5687.5					
	1.7	Ortho Anisidine	87			All values in MT							
	1.8	Ortho Chloro Aniline	975			on is within the pro oducts are not prod	duction capacity. uced during the repo	rting period.					
	2	Diazotization											
	2.1	2,3/2,5 DCP (Di Chloro Phenol)	2400										
	2.2	3,5 DiChloro Nitro Benzene											
	2.3	1,3,5 TCB]										
	2.4	Para Fluoro Phenol (PFP)											
	3	Bromination											
	3.1	3,4,5 Tri Fluoro Bromo Benzene	1000										
	3.2	2 Bromo 4 Fluoroacetanilide]										
	3.3	Di Chloro Bromo Benzene											

		Month	DC! Decomp		DCBF	I - 3	SFD Drye	er	Diazo Reaction
		Apr/24	NOx :	23.9	HCL	:14	PM : 64	Ļ	NOx : 17.09
		May/24	NOx : :	21.60	HCL	:12	PM : 90)	NOx : 21.3
		Jun/24	NOx :	19.90	HCL	:15	PM : 82	2	NOx : 22.7
		Jul/24	NOx : :	23.10	HCL	:17	PM : 64	Ļ	NOx : 19.9
		Aug/24	NOx : 1	22.40	HCL	:09	PM : 59)	NOx : 21.50
		Sep/24	NOx :	19.70	HCL	:11	PM : 60)	NOx : 20.80
		GPCB Limit	NOx	: 25	HCL	: 20	PM : 15	0	NOx : 25 HCL : 20
	All parameters are in mg/NM3 All parameters are well within the prescribed limit. Fresh water requirement quantity has not exceeded the prescrib Fresh water consumption data for April 2024 to September 20								
	Ue	Consur		Avg freshwater A Consumption (m3/D)		Avg recycled water Consumption (m3/D)		Total Water onsumption (m3/D)	
		Apr	/24	342	.87	74.47		417.33	
		Мау	/24	312	.16		63		375.16
		Jun	/24	297	7.6	6	6.17		363.77
		Jul	/24	133	.71	3	5.74		169.45
		Aug		233	.61	3	3.84		267.45
		Sep	/24	207			33.9		241.83
		Aver	-	254			1.18		305.83
	A.1	Limit as	-	59 Within 1			268 limit		867
	Th sys pre	stem and emises. He	ompletely the entire ence water eated in ST	ZLD wi e effluen consump	th the in the volum the transformed of the the the the the the the the the the the the	stallatione is t vell wit	on of ETP, reated and hin the EC	l reus limit	MEE & ATFD sed within the s. as obtained the
Public hearing/ Public Consultation was (I), (iii) stage (3), Para (I)(b) of EIA Notif	No	oted.							
All technical grade pesticides and p are listed at S.N. 5 (b) under categor level.		oted. e Unit has	not produc	ced any p	oesticide	during	this period	l.	
The proposal was considered by the Ex (Industry - 2) in its 6 th meeting held duri	No	oted.							

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	2016 and 9 th Meeting held during 27 th - 29 th June, 2016 respectively. Project proponent and the EIA Consultant namely M/s Jyoti Om Chemical Research Centre Pvt. Ltd.High Court Stay, have presented EIA/EMP report as per ToR. EAC has found the EIA/EMP report and additional information to be satisfactory and in full consonance with the presented TORS. The committee recommended the proposal for environmental clearance.									
7.0	Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA notification dated 14 th September 2006, subject to the compliance of the following Specific and General Conditions.	Noted. The unit strictly adheres to the stipulation made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority for existing CCA AWH-123323, Valid up to 30.09.2029.								
А	Specific Condition									
i	National Emission Standards for pesticide manufacturing and formulation industry issued by the ministry vide G.S.R. 46(E) dated 3 rd February 2006 and amended from time to time shall be followed by the unit.	Complied. The Unit has not produced any pesticide during this period. However, the unit is following the National Emission Standard and conducting monitoring.								
ii	As proposed no boiler will be installed as steam is procured from a nearby unit.	Complied . Boiler has not been installed as steam is procured from neighboring unit M/s Aarti Industries Limited (Acid Division) (XGN ID 22987) : Plot no. 802, 803, 804/3, Phase III, GIDC, Vapi.								
iii	Scrubbers will be provided to control process emission via Br_2 , HBr , Cl_2 and HCL . Water scrubber shall be provided to the SFD dryer to control particulate matter. The scrubbed water should be sent to the ETP for further treatment. Efficiency of scrubbers shall be monitored regularly and maintained properly. Scrubber vent shall be provided with the online detection and alarm system to indicate higher than permissible value of controlled parameters. At no time emission level shall go beyond the prescribed standards. The system shall be interlocked with the pollution control equipment so that in case of any increase in pollutants beyond permissible limits, plants shall be automatically stopped.	Complied. As per Complied in point No : 3., a Water scrubber followed by an Alkali scrubber has been provided to control process emission viz. Cl ₂ and HCl in the vent of Diazo reaction vessels. The unit is currently not manufacturing products which use /release Br2, HBr, and Cl2 as fugitives. Water scrubber has been provided to the SFD dryer to control particulate matter. Stack analysis is being done on a monthly basis by a third party. Details are provided in the table below. Analysis reports have been attached as								
iv	In plant control measures for checking fugitive emissions for all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, Closed handling and conveyance of chemicals/material, multi-cyclone separator and water sprinkling system. Dust suppression systems including water sprinkling systems shall be provided at the loading and unloading area to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. Shall be monitored and maintained. The emissions shall conform to the limits stipulated by GPCB.	 Fugitive emission control is achieved by adopting the following measures. Plant is operated under DCS. Closed storage, handling, and conveyance of chemicals (RM and FG) is being carried out. Wet scrubber is provided in SFD for control of particulate dust emission. There are no additional dust generating sources in the unit. 								
			Month	Parameter	Plant Area	Parameter	Store Room			
			Apr/24	Toluene Xylene	N.T N.T	Sulphuric Acid Hydrochloric Acid	N.T 3.2			

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Dated 28/10/2016, For April 2024 to September 2024

				Formaldehyde	N.T.			
			May/24	Toluene Xylene Acetone Formaldehyde	N.T N.T 4.2 N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 1.9 N.T.	
			Jun/24	Toluene Xylene Acetone Formaldehyde	N.T N.T 3.2 N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 2.5 N.T.	
			Jul/24	Toluene Xylene Acetone Formaldehyde	N.T N.T 4.0 N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 3.0 N.T.	
			Aug/24	Toluene Xylene Acetone Formaldehyde	N.T N.T 4.6 N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 3.4 N.T	
			Sep/24	Toluene Xylene Acetone Formaldehyde	N.T N.T 4.2 N.T	Sulphuric Acid Hydrochloric Acid Formaldehyde	N.T 3.2 N.T	
		Al	ote: N.T :- No ll parameters ll the param o		hin the pr	escribed limit		
v	A proper leak detection and repair (LDAR) program for the pesticide industry shall be prepared and implemented as per CPCB guidelines. Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance for each unit shall be prepared and adhered to.	TI Ho im A an	owever, the plemented. detailed and d implemented	LDAR program exhaustive prevented for all the elect	n for the ntive maint romechani	during this period. industry has been pro- tenance schedule has bee cal items.	en prepared	
vi	Continuous monitoring systems for chlorine, Br_2 , HCL and HBr shall be installed at all important places/areas. All necessary steps should be taken for monitoring of VOCs in the plant. Effective measures shall be taken immediately, when monitoring results indicate above the permissible limits.	Complied . Measures are in place for control of VOC and fugitive emissions. Regular monitoring of VOC / fugitive emissions is carried out by the MoEF&CC approved laboratory (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). Analysis reports are attached as <u>Annexure-3</u> Product related Chlorination & bromination are not manufactured in this						
		Tł HI	Br as fugitive	;	U	ch products which use /r nstalled at Process /Stora	,	
				monitoring data a fic Condition.	are provide	ed in the table please re	fer to point	

vii	The gaseous emissions from DG Set shall be dispersed to adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to DG sets to mitigate the noise pollution.	Complied. DG sets have been provided with a stack of height 11 m. Acoustic enclosu has been provided for the DG set. Gaseous emissions from DG's are sample and analyzed on a monthly basis by a MOEFCC/NABL approved laborato (ENPRO Enviro-Tech and Engineers Pvt.Ltd., Surat). Details are provided the table below. Analysis reports have been attached as <u>Annexure 4</u> .							
		Month	DG Set	PM in mg/Nm ³	SOx in ppm	NOx in ppm			
			GPCB Limit	150	100	50			
		A	DG set 750 KVA - I	65.4	29	33.8			
		Apr/24	DG set 750 KVA - II	65.5	37.7	19.2			
			DG set 750 KVA - I	69.7	25	21.5			
		May/24	DG set 750 KVA - II	69.7	30.4	13.1			
		h	DG set 750 KVA - I	72.9	31.3	13.4			
		Jun/24	DG set 750 KVA - II	72.9	28.4	21.1			
		Jul/24	DG set 750 KVA - I	60.6	33.9	26.6			
		Jul/24	DG set 750 KVA - II	60.6	29.6	21.1			
		Aug/24	DG set 750 KVA - I	64.1	30.2	35.5			
		, (ug/=)	DG set 750 KVA - II	64.1	23.1	31.4			
		Sep/24	DG set 750 KVA - I	60.2	28.4	32.7			
			DG set 750 KVA - II	60.2	26.1	29.4			
		All the parame	ll the parameters are well within the prescribed limit						
vii	Solvent management shall be carried out as follows:	Complied.							
	i) Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.	 i) Chilled brine circulation system has been provided to condense solver vapors and reduce solvent losses. Hence our solvent recovery is more the 95%. 							
	ii)Reactor and solvent handling pump shall have mechanical seals to prevent leakages.		Solvent pumping is carried out with pumps having mecha- ible mechanical seals.						
	iii)The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95 % recovery.		s have sufficient heat t solvent recovery.	ransfer area	and reside	nce time for			
	iv)Solvents shall be stored in a separate space specified with all safety measures.	safety measure	olvents are being stored s Like Breather Valve, (s, and Earthing for equipr	Overflow pro					
	v)Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	v) We have us	ed flameproof material		l also prov	ided breather			
	vi)Entire plant shall be flame proof. The solvent Storage tanks shall	valves as required.							

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	be provided with a breather valve to prevent losses.						
ix	Total fresh water requirement from GIDC water supply shall not exceed 599 m^3 /day and prior permission shall be obtained from the competent authority.	Complied. Freshwater requirement quantity has not exceeded the prescribed limit. Fresh water consumption data are given as below:					
			Month	Avg fresh water Consumption (m3/D)			
			Apr/24	342.87			
			May/24	312.16			
			Jun/24	297.6			
			Jul/24	133.71			
			Aug/24	233.61			
			Sep/24	207.93			
			Average	254.64			
			Limit as per EC	599			
		All the parameters are	nit				
X	Industrial effluent generation shall not exceed 302 m ³ /day. Effluent shall be segregated into high COD/TDS and Low COD/TDS effluent streams. High COD/TDS effluent stream shall be evaporated in MEE. Low COD/TDS effluent streams shall be treated in ETP followed by RO. Treated effluent, condensate and recover water shall be treated and recycled/reused within factory premises.	and Low COD/TDS eff High COD/TDS effluer Low COD/TDS effluen	ut stream segreg luent streams. It streams treated t stream treated in c condensate is be	in MEE, n ETP follower eing recycled/re	arating high COD/TDS		
		Month		Effluent (Generation KL/D		
		Apr/24			84.57		
		May/24			90.39		
		Jun/24			93.77		
		Jul/24			54.84		
		Aug/24 Sep/24			62.48 60.43		
		EC Limi	it		302		
xi	No effluent shall be discharged outside the plant premises and "Zero" effluent discharge condition shall be followed.	Complied. No effluent is being discharged out of the premises of the unit. The unit has installed various treatment units like ETP, RO, STP, MEE & ATFD and has achieved complete Zero Liquid Discharge. Also same has been covered in CCA AWH-123323, Valid Upto 30.09.2029					

		A copy of the Punchnama (Dated on 02.11.2018) regarding disconnection of the drain to CETP is attached as <u>Annexure -5</u> .					
xii	Continuous online monitoring (24x7) system to be installed within	Complied.					
	the treatment plant and data to be uploaded to the company's website and also provided to respective regional offices of moef&CC and concerned SPCB/CPCB.						
xiii	Process effluent/any wastewater shall not be allowed to mix with stormwater. Storm water drain shall be passed through the guard	Complied.					
	pond.	Effluent is transferred to the ETP through a closed pipeline. Separate stormwater drains are available.					
xiv	Ground water quality monitoring including the pesticides shall be carried out every month and the monitored data shall be submitted to the ministry's regional office, Bhopal and GPCB.	Complied. The Unit has not produced any pesticide during this period. No Borewell is within the premises of the unit.					
XV	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided in tank farms. Solvent transfer shall be by pumps.	Complied Hazardous chemicals are stored in tanks in tank farms, drums, carboys, etc. Flame arresters are provided on tanks containing flammable solvents/chemicals. Solvents are transferred by Mechanical seal and flameproof pumps in a closed loop.					
xvi	The company shall obtain Authorization for the collection, Storage, and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules. 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.	Complied. The unit has obtained authorization AWH - 123323, Valid up to 30.09.2029. for collection, Storage, and disposal of hazardous waste under the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016, and amended as on date for management of Hazardous wastes. The unit has implemented appropriate measures for fire fighting in case of emergency. Membership of disposal facilities like BEIL, SEPL, SEPPL & RSPL has been obtained and certificates are attached as <u>Annexure - 7</u> .					
xvii	As proposed ETP sludge and inorganic waste should be sent to TSDF Site. High calorific value waste such as spent organic should be sent to cement plants for co-incineration. Fly ash shall be sent to the cement plant/brick manufacturing unit.	Complied . Unit is sending ETP Sludge and inorganic salts from dryers to the TSDF Site. Low-Chloride waste sending to Pre-processing and High chloride waste sending to Incineration at CHWIF.					
		Fly ash is not generated as the Unit has no Boiler Installation.					
xviii	The Company shall strictly comply with the rules and guidelines under manufacture, Storage, and import of Hazardous Chemicals	Complied.					
	(MSIHC) Rules, 1989 as amended from time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Company strictly complies with the rules and guidelines under manufacture, Storage, and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time. PESO certificateG/WB/GJ/06/353 (G47482) for Toluene Valid up to 31.12.2023 and G/WB/GJ/06/353 (G47482) For Hydrogen Valid up to 30.09.2033 obtained for the same, is attached as <u>Annexure 8</u> .					
		Unit has obtained licenses from concerned authorities for storing Chemicals. All transportation of hazardous chemicals has been done as per the MVA 1989.					

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xix	Special care shall be given for handling transportation and storage of bromine. The company shall make arrangements to transport Br ₂	Complied.								
	through an ISO tanker.	The unit is currently not manufacturing any product which uses Bromine as raw material. The unit will take care of handling, transportation and storage of bromine. Unit will transport Br_2 through ISO tankers.								
xx	The unit shall make arrangements for possible fire hazards during the manufacturing process in material handling. Fire fighting	Complied.								
	system shall be as per the norms.	Unit has made all arrangements for possible fire hazards during the manufacturing process. Fire fighting system provided as per the norms, complete list of all fire fighting tools is attached as <u>Annexure-9</u> .								
xxi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories act.	Compiled. Occupational health check-ups are carried out at a regular interval of 6								
		months. and Records are being maintained as per Factory act. Month of surveillance Total no. of Employees								
		April 2024 to September 307 2024								
xxii	As proposed, green belt over an area of 2346 m ² shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road site etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	The unit has developed a green belt in the Notified Area of GIDC Vapi to								
xxiii	All the recommendations made in the risk assessment report shall be satisfactorily implemented.	Complied Risk assessment recommendations are implemented properly. Ex. SOP Prepared for operation, Continuous training, Chemical handling precaution taken, General plant checklist.								
xxiv	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social responsibility based on need of surrounding villages and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such programs shall be ensured accordingly in a time-bound manner.	Complied. It has been completed, The unit has spent Rs.75 Cr in total since EC is granted.								
В	General conditions									
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Complied. The unit strictly adhere to the stipulations made by the Gujarat Pollution								
		Control Board (GPCB), State Government and any other statutory authority copy of the compliance of CCA is attached in <u>Annexure-10</u> .								
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted. The project proponent will not make any further expansion or modification beyond the scope of the granted EC without the prior approval of the Ministry of Environment and Forests.								

iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	T aj	Complied. The unit is carr pproved labor Pvt.Ltd.,Surat).						-
		T tł	The details of the same have within the GPC.	been attached	-				-
			Month	Place	PM ₁₀ μg/m ³	PM2.5 μg/m3	SOx µg/m³	NOx µg/m ³	CO mg/m ³
			GPCB LIMIT		100	60	80	80	2
				Nr.ETP	81	42	22	30.3	0.66
			Apr/24	Nr. DCNB plant	81.6	42.1	24.3	31.6	0.65
				Nr. Maintenance Room	80	40	24.8	31.4	0.63
				Nr.ETP	81.8	38	21.4	29.4	0.66
			May/24	Nr. DCNB plant	78.5	39.4	21.2	28.2	0.67
				Nr. Maintenance Room	79.5	40.8	23.7	31.5	0.72
				Nr.ETP	75.6	38.2	21.5	26.8	0.54
			Jun/24	Nr. DCNB plant	75.6	38.2	26.9	22.7	0.66
				Nr. Maintenance Room	77	39.4	23.4	27.4	0.65
			Jul/24	Nr.ETP	63.4	28.3	26.5	36.8	0.44
				Nr. DCNB plant	61.5	27.4	24.1	30.2	0.45
				Nr. Maintenance Room	60.7	28.2	24.5	30.5	0.48
				Nr.ETP	60.5	26.9	25.7	28.9	0.59
			Aug/24	Nr. DCNB plant	63.9	29.5	28.8	32.5	0.6
				Nr. Maintenance Room	57.8	26.4	26.2	30.2	0.54
				Nr.ETP	60.8	27.4	25.5	29.4	0.61
			Sep/24	Nr. DCNB plant	61	28.7	26.6	30.1	0.58
				Nr. Maintenance Room	60.7	28.1	26.3	29.5	0.6
		A	All the parame	eters are with	in the pr	escribed	limit.		
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generating. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	A T A	Complied. Accoustic enclos The noise level Act, 1986. Nois Enviro-Tech and	s in the plant se monitoring	conforn is carried	ns to the s l out by a	standards	prescribe	d in the EP

		bel	ow. Tł	of the noise l ne results are w he report has b	ithin the l	imits.			oned in	the table	
		SI	R.NO	LOCATION (day time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24	
		[Day	Nr.Main Gate	66.	7 67.2	68.2	62.1	64.4	64.2	
				Nr.Engineeri ng Workshop	71.:	2 70.4	71.7	68.7	68.92	70.4	
		All	All the parameters are within the prescribed limit								
			SR NO	LOCATION (Night time)	April/24	May/24	June/24	July/24	Aug/24	Sep/24	
		Ni	ight _	Nr.Main Gate	54.3	55.4	54.9	57.2	53.2	52.34	
				kr.Engineering Workshop	62.1	60.1	63.5	65.1	60.4	62.1	
				se value are in							
				arameters are	e within th	e prescri	bed limi	t			
v	The company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the groundwater and use the same water for the process activities of the project to conserve fresh water.	Complied. Recharging of groundwater is not allowed in the GIDC area. Unit has implemented a rooftop rainwater harvesting plan and uses the same for appropriate purposes.									
vi	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Complied. Each plant is provided with garland drains and accidental spillages if any gets collected in the effluent sump of the plant through these garland drains. The same is pumped to the ETP for further treatment. Separate storm water drain is existing.									
vii	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	Un emj		s provided p e/worker.Like	-					-	
viii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis. Training to all employees on handling of chemicals shall be imparted.	Tra che	emical	d. is carried ou handling. ions for all em	Pre-emplo	yment a	ind rou	tine per			
				Safety	and Health	aspects tr	aining to	employee	s		
			Sr. No		Time Period Nun		umber of	Employee	es		
		[1	April 202	4 to Septen	1ber 2024		12	70		
ix	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report	Co	mplie	d.							

	· · · · · · · · · · · · · · · · · · ·		*				
	submitted to the ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	and safegua All the reco managemen	rds propose ommendatio t, risk mi	lying with all d in the projec ons made in th itigation meas nee to the EMF	t report submit te EIA/EMP in sures relating	tted to the min n respect of e to the pro	nistry. nvironmental ject will be
х	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	1. 1 2. 1 3. 7 4. 1 5. 1 6. V	Education at Healthcare Iribal Welfa Disaster Rel Environmen Women Emp	t 6.28 Cr as be nd Skill Devela : 0.38 Cr are & Rural De lief : 0.25 Cr tt Conservation powerme : 1.00 f & Support : 3	opment : 3.06 evelopment : 1. a : 0.37 Cr 6 Cr		
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	1. 1 2. 1 3. 7 4. 1 5. 1	Education at Healthcare Fribal Welfa Disaster Rel Environmen	t 6.28 Cr as be nd Skill Develo : 0.38 Cr rre & Rural De lief : 0.25 Cr tt Conservation powerme : 1.00	opment : 3.06 evelopment : 1. n : 0.37 Cr		
xii	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. The Environment management cell comprises operators/supervisors Environmental Engineers / Plant Managers / Environmental Manager / Un Head, and Sr Vice Presidents. The organogram is attached as <u>Annexure-14</u> Full fledged laboratory facility exists for environmental monitoring with facilities to carry out analysis like pH, COD, TDS, MLSS, MLVSS				anager / Unit nexure-14 nitoring with	
xiii	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Complied There is no limit to utilize the budget for the Environment managem system. Budgetary allocation is made for revenue expenditure for routine operation various treatment facilities. Details of operation cost of ETP and Reve Osmosis plants for 6 months are provided as below. Allocated funds for environment management / pollution control are diverted for any other purpose.				e operation of and Reverse	
				ZLD	Unit Expense	s (in Rs)	
		Month	Power - ETP	Hazardous waste Disposal	Chemicals	Power (RO & MEE)	Manpower
		Apr/24	478717.24	3677891	427701	980877.88	520580
		May/24	478368.1	2286025	307800	812147.29	540524
		Jun/24	510827.35	3178706	439786	611335.45	650478
		5011/24	510027.55				

		Aug/24	520923.3	3506300	489553	457485.45	764078
		Sep/24	500629.5	3736486	500350	1022143.92	731274
		Total	3022977.77	20723129	2682511	4541425.44	3998522
		The total ex	pense is INI	R 3.49 crores,			
xiv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whose suggestions/representations, if any, were received while processing the proposal.	the region,	one in vern		newspaper wige and one in h are -18.		
xv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	respective I State Pollut to march 2	Regional Of ion Control 4 submitted	fice of , the re Board. Last co	all the require espective Zona ompliance repo 4 Scan copy exure-15.	al Office of C ort for the peri	PCB and the od of Oct'23
xvi	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the Gujarat State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by email.	Complied. The environmental statement for the financial year ending 31 st March Form-V is submitted to the Gujarat State Pollution Control Board for the ye 2023-2024 was submitted on 15.07.2024 The copy of Form-V has bee attached as <u>Annexure-16</u> .				d for the year	
xvii	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry at <u>http://envfor.nic.in</u> This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	the region,	one in vern		newspaper where and one in here the second s		
xviii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. The project is self financed and hence the date of financial closure is n applicable. The unit obtained CTE with No CTE 93280 from GPCB for the EC of 18.07.2018, and CTE-118593 on 21.05.2022. And CTE amendment CTE 118593. The unit got the CCA AWH – 90841 dt. 17/03/2018. CCA Amendment AW –92756, issued on 24/07/2018 valid up to 30/09/2022. CCA Renew AWH-123323, Valid Upto 30.09.2029.			r the EC on ment CTE -		
8.	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.					

9.	The ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	
10.	The above conditions will be enforced, inter - alia under the provisions of the water (prevention and control of pollution) act, 1974, Air (prevention & control of water pollution) act, 1981, the environment (protection) act, 1986, Hazardous waste (Management, handling and trans - boundary movement) rules, 2008 and the public Liability Insurance act, 1991 along with their amendments and rules.	Noted. PLI policy No 0304011371 00 00 , dated on 09.01.2024 and valid upto 08.01.2025 is attached as <u>Annexure-17.</u>

Dated 28/10/2016, For April 2024 to September 2024

ANNEXURE - 1

Production Details

PRODUCTION Oct-23 to March-24

Descr	iptions	CC&A Limits	Oct/23	Nov/23	Dec/23	Jan/24	Feb/24	Mar/24	Total
Hydrogenation	DCBH (Di Chloro Benzen Hydro Chloride)	7800 MT/Mo	256.87	189.62	233.80	136.04	69.26	439.823	1325.41
	1,3 DFB (Di Flouro Benzene)	nth	3	17.4	27	18	33	27	125.40
Co-Products from Hydrogenation	Ortho Chloro Aniline	975 MT/Mo nth	18.00	22.002	22.002	16.00	47.08	9	134.09
Diazotization -	2,3/2,5 DCP (Di Chloro Phenol)	2400 MT/Mo	36.44	41.00	21.50	0.00	0.00	0.00	98.94
Sandmeyer Reaction	3,5 Di Chloro Nitro Benzene	nth	0.00	0.00	105.00	127.00	42.00	98.00	372.00
Chlorination	2,6 Di Chloro Para Nitro Aniline	4000 MT/Mo nth	36.25	0.00	106.00	52.00	0.00	0.00	194.25



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Test Report

Format No : QR/7.8/01	Test Report No : EP	Test Report No : EP/0924/02242 Issu Discipline : Chemical Gro		
ronnat No . GN/1.6/01				
Customer's Name & Ad	ddress : Aarti Industries Ltd (Alcl Plot No902, Phase-III, G	nemie <mark>Org. Ltd.</mark>) IDC Estate, Vapi- 396195, [Dist Valsad	
Description of Sample	: Stack attached to SFD Dryer			
Sampling By	: ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sam	nole ; 1 / 1 No.	
Date of Sampling		Packing / Seal		
Sample Received Date	: 13-09-2024	Protocol / Purpos	a - Alexandra and a statement	
Date of Starting of Test	: 13-09-2024	Date of Completi		
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02242	
Duration Sampling	: 60 min.	Fuel		

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.50	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm³/hr	63189	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ²	60.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO2)	%	0.322		SOP No.WI/ST/10

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Test Report

Format No : QR/7.8/01		Test Report No: TEE/00	sue Date : 20-09-2024	
Format No : QF07.6/01		Discipline : Chemical	roup : Atmospheric Pollution	
Customer's Name & Ac		ti Industries Ltd (Alchem No902, Phase-III, GIDC		Dist - Valsad
Description of Sample	: Stack attac	ched to SFD Dryer		
		am-Mr.Vihang Patel	Qty / Nos of Sar	nple :1/1No.
			Packing / Seal	
Sample Received Date	: 13-09-202	4	Protocol / Purpo	
Date of Starting of Test	: 13-09-202	4	Date of Comple	
Sampling Method	: WI/ST/A		Sample ID	: 0924/ST02242
Duration Sampling	: 60 min.		Fuel	Per la contra de la Declarita

RESULT TABLE

100		RESULT	GPCB LIMIT	METHOD REFERENCE
VOC	mg/Nm ²	BDL(<1)	-	SOP NoWI/ST/44-03
Methane (as CH4)	%	BDL(<0.1)	-	GC Method
Nitrous Oxide (N2O)	ppm	BDL(<2.1)	-	GC Method
Perfluorocarbons	ppm	BDL(<10)		GC Method
Hydrofluorocarbons	ppm	BDL(<10)	-	GC Method
Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method
	Nitrous Oxide (N2O) Perfluorocarbons Tydrofluorocarbons	Methane (as CH4) % Nitrous Oxide (N2O) ppm Perfluorocarbons ppm Hydrofluorocarbons ppm	Methane (as CH4) % BDL(<0.1) Nitrous Oxide (N2O) ppm BDL(<2.1)	Methane (as CH4) % BDL(<0.1) Nitrous Oxide (N2O) ppm BDL(<2.1)

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : EP/09	Test Report No : EP/0924/02243 Issue Discipline : Chemical Group		
romacno. crittori				
Customer's Name & Ac	ddress : Aarti Industries Ltd (Alche Plot No902, Phase-III, GID		list - Valsad	
Description of Sample	: Stack attached to Reaction(Dizo) V	essels	101. 101000	
	: ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sam	ple :1/1No.	
		Packing / Seal		
Sample Received Date	: 13-09-2024	Protocol / Purpos		
Date of Starting of Test	: 13-09-2024	Date of Completio		
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02243	
Duration Sampling	: 30 min.	Fuel	1-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m -	11	-	
2	Velocity	m/s	2.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	135	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO2)	mg/Nm ³	20.8	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01	Test Report No : TE	Test Report No : TEE/001430/24 Issue Discipline : Chemical Group		
Format NO . Grui.oroi				
Customer's Name & Ad	ddress : Aarti Industries Ltd (Ald Plot No902, Phase-III, C	chemie Org. Ltd.) GIDC Estate. Vapi- 396195, [Dist Valsad	
Description of Sample	: Stack attached to Reaction(Dizo) Vessels		
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sam	nple : 1 / 1 No.	
Date of Sampling	: 12-09-2024	Packing / Seal		
Sample Received Date	: 13-09-2024	Protocol / Purpos		
Date of Starting of Test	: 13-09-2024	Date of Complet		
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02243	
Duration Sampling	: 30 min.	Fuel		

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 HC		mg/Nm ^a	13.60	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	Test Report No : EP/05	Test Report No : EP/0924/02244 Issue D		
ronnat No . Gran.oro i	Discipline : Chemical	Discipline : Chemical Group		
Customer's Name & Ac	ddress: Aarti Industries Ltd (Alche Plot No902, Phase-III, GID		st Valsad	
Description of Sample	: Stack attached to DCNB Decompos	sition Stack		
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Samp	e :1/1No.	
Date of Sampling	: 12-09-2024	Packing / Seal	: Sealed	
Sample Received Date	: 13-09-2024	Protocol / Purpose		
Date of Starting of Test	: 13-09-2024	Date of Completic		
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02244	
Duration Sampling	: 30 min.	Fuel	per-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
24,51	Stack Height	m	11	-	(*)
2	Velocity	m/s	0.90	- 1	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	56	1	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO2)	mg/Nm ^a	19.7	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01	Test Report No: EP/09	24/02245 Issu	e Date : 20-09-2024
1 Office NO . (2107.6701	Discipline : Chemical	Gro	up : Atmospheric Pollution
Customer's Name & Ac	ddress : Aarti Industries Ltd (Alche Plot No902, Phase-III, GID		sl Valsad
Description of Sample	: Stack attached to DCBH 2 scrubbe	er i	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qiy / Nos of Samp	le :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose	
Date of Starting of Test	: 13-09-2024	Date of Completio	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02245
Duration Sampling	: 60 min.	Fuel	(*)

S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE Stack Height 111 11 Velocity 2.10 IS 11255 (Part-3):2021 Flow Rate Nm³/hr 127 IS 11255 (Part-3):2008 2

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Test Report

Format No : QR/7.8/01	Test Report No : TE	Test Report No : TEE/001433/24 Issue	
Format NO . GRAT.GOT	Discipline : Chemic	al Gr	oup : Atmospheric Pollution
Customer's Name & Ad		hemie Org. Ltd.) IDC Estate, Vapi- 396195, D)ist Valsad
Description of Sample	: Stack attached to DCBH 2 scrub		
Sampling By	: ENPRO Team-Mr. Vihang Patel	Qty / Nos of Sam	ple :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	: Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpos	
Date of Starting of Test	: 13-09-2024	Date of Completi	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02245
Duration Sampling	: 60 min.	Fuel	a martina na serie de la companya d Este martina de la companya de la com

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VC	DC	mg/Nm ^a	BDL.(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Repo	t No: EP/0924/02246	Issue Date : 20-09-2024
1 onnac No . Gran.6/01	Discipline : Chemical		Group : Atmospheric Pollution
Customer's Name & Ad		s Ltd (Alchemie Org. Ltd.) hase-III. GIDC Estate, Vapi- 396	195 Dist - Valsad
Description of Sample	: Stack attached to DCI	H Warehouse	
Sampling By	: ENPRO Team-Mr.Viha	ng Patei Qty / Nos o	fSample :1/1No.
Date of Sampling	: 12-09-2024	Packing / S	
Sample Received Date	: 13-09-2024	Protocol / P	
Date of Starting of Test	: 13-09-2024	Date of Cor	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02246
Duration Sampling	: 60 min.	Fuel	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.80	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm²/hr	186	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm°	36,4	150	IS 11255 (Part-1):1985

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Test Report

Format No : QR/7.8/01	Test Repo	t No : TEE/001435/24 Issue	Date : 20-09-2024	
Tormat No . Grui.ord	Discipline	Chemical Grou	p : Atmospheric Pollution	
Customer's Name & Ac		s Ltd (Alchemie Org. Ltd.) nase-III, GIDC Estate, Vapi- 396195, Dis	- Valsad	
Description of Sample	: Stack attached to DC	H Warehouse	a raioua	
Sampling By	: ENPRO Team-Mr.Vih	ng Patel Qty / Nos of Sample	e :1/1No.	
Date of Sampling	: 12-09-2024	Packing / Seal	: Sealed	
Sample Received Date	: 13-09-2024	Protocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 13-09-2024	Date of Completion	: 14-09-2024	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02246	
Duration Sampling	: 60 min.	Fuel	191	

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test Report No : EP	/0924/02247 Is	sue Date : 20-09-2024
	The State of the S	Discipline : Chemical Group :	
	ddress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G		
Description of Sample	: Stack attached to DCNB Distillat	ion Scrubber	ulot valoou
Sampling By	: ENPRO Team-Mr. Vihang Patel	Qtv / Nos of Sar	nple :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpo	
Date of Starting of Test	: 13-09-2024	Date of Complet	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02247
Duration Sampling	: 60 min.	Fuel	· V024/01 V224/

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	- 11		MICTHOD REFERENCE
2	Velocity				
		(m/s	1.50		IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr.	93		IS 11255 (Part-3):2008

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

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Environmental Testing Laboratory

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

Test Report

Format No : QR/7.8/01	Test Report No : TEE/0	001436/24 Is:	sue Date : 20-09-2024
	Discipline : Chemical		oup : Atmospheric Pollution
Customer's Name & Ad	dress : Aarti Industries Ltd (Alchen Plot No902, Phase-III, GIDC	mie Org. Ltd.)	
	: Stack attached to DCNB Distillation	Scrubber	Dist Valsad
Sampling By	: ENPRO Team-Mr. Vihang Patel	Qty / Nos of San	aple :1/1No
Date of Sampling	: 12-09-2024	Packing / Seal	: Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpo	
Date of Starting of Test	: 13-09-2024	Date of Complet	a set in the set of th
Sampling Method	: WI/ST/A	Sample ID	기억 모르 소문 말 옷에서 벗어졌다. 가장 것 같아요.
Duration Sampling : 60 min.		Fuel	: 0924/ST02247

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

CHECKED BY

Sweety Patel (Dy.TM)

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Page 1 of 1

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Environmental Testing Laboratory

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Test Report

Format No : QR/7.8/01	Test Report No : EP	Test Report No : EP/0924/02248 Issu	
Format No. GN1.001	Discipline : Chemic	al Gro	up : Atmospheric Pollution
Customer's Name & Ad	dress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G	hemie Org. Ltd.) iIDC Estate, Vapi- 396195, D	ist Valsad
Description of Sample	: Stack attached to HCI yard scrut	ber	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sam	ple :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	
Sample Received Date	: 13-09-2024	Protocol / Purpos	e : Stack Gas Analysis
Date of Starling of Test	: 13-09-2024	Date of Completion	en and a subscription of a subscription of the
Sampling Method	: WI/ST/A	Sample ID	:0924/ST02248
Duration Sampling	: 60 min.	Fuel	1255) 1255)

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	0.70	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	44	-	IS 11255 (Part-3):2008
4	Sulphur Diaxide (SO ₂)	mg/Nm ^a	24.9	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ^a	19.4	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01	Test Report No : TE	Test Report No : TEE/001438/24 Iss	
Format NO : GR/1.6/01	Discipline : Chemi	cal Gro	oup : Atmospheric Pollution
Customer's Name & Ac	Idress : Aarti Industries Ltd (Ald Plot No902, Phase-III, 0	chemie Org. Ltd.) GIDC Estate, Vapi- 396195, D)ist Valsad
Description of Sample	: Stack attached to HCI yard scru	bber	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sam	ple :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpos	e : Stack Gas Analysis
Date of Starting of Test	: 13-09-2024	Date of Completi	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02248
Duration Sampling	: 60 min.	Fuel	19 1 1

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	C	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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

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Test Report

Format No : QR/7.8/01	Test Report No : EP	Test Report No : EP/0924/02249 Issue		
ronnaciito : Qrui.b/01	Discipline : Chemic	al Gr	oup : Atmospheric Pollution	
Customer's Name & Ad	ddress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G	hemie Org. Ltd.) IDC Estate, Vapi- 396195, I	Dist - Valsad	
Description of Sample	: Stack attached to DCBH-4 Scrub	ber	eron paroca	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of San	nple :1/1No.	
Date of Sampling	: 12-09-2024	Packing / Seal	: Sealed	
Sample Received Date	: 13-09-2024	Protocol / Purpo		
Date of Starting of Test	te of Starting of Test : 13-09-2024		ion : 14-09-2024	
Sampling Method	: WI/ST/A	Sample ID	:0924/ST02249	
uration Sampling : 60 min.		Fuel	1.00	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
_1	Stack Height	m	11	-	
2	Velocity	m/s	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	50		IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01		Test Report No : TEE/00	1439/24 Is	ssue Date : 20-09-2024
		Discipline : Chemical	G	roup : Atmospheric Pollution
Customer's Name & Ac		arti Industries Ltd (Alchem ot No902, Phase-III, GIDC		Dist Valsad
Description of Sample	: Stack atta	ached to DCBH-4 Scrubber		
		Team-Mr. Vihang Patel		mple :1/1No.
Date of Sampling			Packing / Seal	
Sample Received Date	: 13-09-20	24	Protocol / Purpo	
Date of Starting of Test			Date of Comple	
Sampling Method			Sample ID	:0924/ST02249
Duration Sampling			Fuel	1
		RESULT TA	BLE	

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	Test R	Test Report No : EP/0924/02250 Issue I		sue Date : 20-09-2024
ronnar no . Gnn.6/01	Discip	line : Chemical	roup : Atmospheric Pollution	
Customer's Name & Ad		stries Ltd (Alchemie Or 02. Phase-III, GIDC Esta		Disi - Valsad
Description of Sample	: Stack attached to	DCBH-3 Scrubber		
Sampling By	: ENPRO Team-Mr	.Vihang Patel	Qty / Nos of Sar	nple :1/1No.
Date of Sampling	: 12-09-2024		Packing / Seal	
Sample Received Date			Protocol / Purpo	
Date of Starting of Test	: 13-09-2024		Date of Complet	
Sampling Method	: WI/ST/A		Sample ID	: 0924/ST02250
Duration Sampling	: 60 min.		Fuel	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1.1	Stack Height	m	11	-	
2	Velocity	m/s	1.60	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ² /nr	92		IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01	Test Report No :	Test Report No : TEE/001440/24 Issue	
ronnat no . gnn.or	Discipline : Che	emical Gro	up : Atmospheric Pollution
Customer's Name & Ac	dress : Aarti Industries Ltd Plot No902, Phase-I	(Alchemie Org. Ltd.) III, GIDC Estate, Vapi- 396195. Di	st - Valsad
Description of Sample	: Stack attached to DCBH-3 S	crubber	
Sampling By	: ENPRO Team-Mr. Vihang Pa	tel Qty / Nos of Samp	le :1/1No.
	: 12-09-2024	Packing / Seal	Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpose	
Date of Starting of Test	ate of Starting of Test : 13-09-2024 ampling Method : WI/ST/A		n : 14-09-2024
Sampling Method			:0924/ST02250
Duration Sampling	: 60 min.	Sample ID Fuel	14

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 HC		mg/Nmª	4.20	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01 ULR No : TC588524000007942F		Test Report No: TC588524000007942F		Issue Date : 21-08-2024	
		Discipline : Chemical	Group	Group : Atmospheric Pollution	
Customer's Name & Ad		rti Industries Ltd (Alchemie Org. Lt ot No902, Phase-III, GIDC Estate, Va		- Valsad	
Description of Sample		ached to SFD Dryer	2		
Sampling By	: Nikunj Va	ghasiya Qty	/ Nos of Sample	:1/1No.	
Date of Sampling	: 14-08-202	4 Packing / S	cking / Seal	: Sealed	
Sample Received Date : 15-08-202		24 Pro	otocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test : 15-08-202		24 Dal	te of Completion	: 16-08-2024	
Sampling Method : WI/ST/A			mple ID	:0824/ST07942	
Duration Sampling : 60 min.		Fu	el		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm³/hr	60273	-	IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	59.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO ₂)	%	0.33	-	SOP No.WI/ST/10

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Test Report

		Test Repo	ort			
Format No: QR/7.8/01	Test Repo	rt No: ETL/004		1.		
ULR No: N.A.				Issue D	Issue Date: 21-08-2024 Group: Atmospheric Pollution	
Customeda N		Discipline : Chemical				
Description	ot No902, P	s Ltd (Alchemie hase-III, GIDC E	Org. Ltd.) state, Vapi- 39619			
Description of Sample : Stack attached to SFD Dryer Sampling By : Nikunj Vaghasiya Date of Sampling : 14-08-2024 Sample Received Date : 15-08-2024 Date of Starting of Test : 15-08-2024 Sampling Method : WI/ST/A Duration Sampling : 60 min.			Qty / Nos of Sample Packing / Seal Protocol / Purpose Date of Completion Sample ID			
NO. TEST PARAMETER	-	RESULT TABL	E			
5 VOC	UNIT mg/Nm ³	RESULT	GPCB LIMIT	n	ETHOD REFERENCE	
6 Methane (as CH4)	%	BDL(<1)	-		SOP NoWI/ST/44-03	
7 Nitrous Oxide (N2O)	ppm	BDL(<0.1) BDL(<2.1)	-		GC Method	
8 Perfluorocarbons	ppm	BDL(<10)	-		GC Method	
9 Hydrofluorocarbons	ppm	BDL(<10)	+		GC Method	
0 Sulphur hexafluoride	ppm	BDL(<1)	-		GC Method	

BDL(<1)

Note : BDL :- Below Detectable Limit

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GC Method

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Page 2 of 2

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY (CC-2959) *QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR •ISO 9001 : 2015 • ISO 14001 : 2015 +ISO 45001 : 2018

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Environmental Testing Laboratory

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Test Report

Format No: QR/7.8/01		Test Report No: TC588524000007943F		Issue Date : 21-08-2024				
ULR No: TC588524000007943F			Discipline : Chemical			Group : Atmospheric Pollution		
Cust	omer's Name & Ad			Ltd (Alchemie ase-III, GIDC Es		195, Dist.	- Valsad	
Desci	ription of Sample	: Stack atta	ached to React	tion(Dizo) Vesse	Is			
Sampling By : N		: Nikunj Va	ghasiya		Qty / Nos of Sample		:1/1 No.	
Date of Sampling : 14		: 14-08-202	024		Packing / Seal		: Sealed	
Sample Received Date : 15-08-2		: 15-08-202	24		Protocol / P	urpose	: Stack Gas Analysis	
Date of Starting of Test		: 15-08-2024		Date of Completion		: 16-08-2024		
것 같은		: WI/ST/A	ST/A		Sample ID		:0824/ST07943	
Duration Sampling : 30 n		: 30 min.	Fuel		Fuel		(H)	
				RESULT TABL	.E			
S.NO.	TEST PARAN	IETER	UNIT	RESULT	GPCB LIMIT	r.	METHOD REFERENCE	
1	Stack Height		m	11	-		-	
2	Velocity		m/s	2.30	-		IS 11255 (Part-3):2021	

140

21.5

-

25

Nm³/hr

mg/Nm³

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IS 11255 (Part-3):2008

IS 11255 (Part 7) :2005

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Page 1 of 2

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Flow Rate

Oxides of Nitrogen (as NO2)

3

4



Environmental Testing Laboratory

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Test Report

Test Report No :	ETL/004073/24 Is:	sue Date : 21-08-2024	
Discipline : Che	Discipline : Chemical Grou		
		Dist Valsad	
: Stack attached to Reaction(I	Dizo) Vessels		
: Nikunj Vaghasiya		nple :1/1No.	
: 14-08-2024	5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H 2017년 - 일상 2018년 20	
: 15-08-2024			
: 15-08-2024		그는 말 이 가슴을 가지 않는 것이 같이 많이 많이 많이 없다.	
: WI/ST/A	한 것이 같은 것이 같이	: 0824/ST07943	
: 30 min.	Fuel	:=	
	Discipline : Che Plot No902, Phase-I : Stack attached to Reaction(I : Nikunj Vaghasiya : 14-08-2024 : 15-08-2024 : 15-08-2024 : WI/ST/A	Discipline : Chemical Gr Discipline : Chemical Gr Idress : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, I : Stack attached to Reaction(Dizo) Vessels : Nikunj Vaghasiya Qty / Nos of San : 14-08-2024 Packing / Seal : 15-08-2024 Date of Complet : WI/ST/A Sample ID	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5 HC	1	mg/Nm ³	16.10	20	USEPA (Part-0050)

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

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Test Report

ormat No: QR/7.8/01 Test Report No		07944F Issue	Date: 21-08-2024	
00007944F	Discipline : Chemical	Grou	Group : Atmospheric Pollution	
			- Valsad	
			. •00000	
	사람은 모두 전문에 가지 않는 것이 이 것이 같아요. 이 가지 않는 것이 아니라 가지 않는 것이 같아. 것이 가지 않는 것이 같아. ???????????????????????????????????		:1/1No.	
		일을 많은 것은 사람을 가지며 그를 잘 줄을 수요.	: Sealed	
: 15-08-202			: Stack Gas Analysis	
: 15-08-202		것, 같은 전화 것이 많은 것 같은 것이 많이 같이 같아.	동안 방안 같은 것 같은 것이 것 같아. 것은 것은 것이 같이 있는 것이 같이 있다.	
: WI/ST/A			: 0824/ST07944	
: 30 min.			1-	
	00007944F ddress : Aa Plo : Stack atta : Nikunj Va : 14-08-202 : 15-08-202 : 15-08-202 : WI/ST/A	Discipline : Chemical Idress : Aarti Industries Ltd (Alchemie Org. Plot No902, Phase-III, GIDC Estate, : Stack attached to DCNB Decomposition Stace : Nikunj Vaghasiya : 14-08-2024 : 15-08-2024 : WI/ST/A	Discipline : Chemical Group Outros : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist : Stack attached to DCNB Decomposition Stack : Nikunj Vaghasiya : 14-08-2024 : 15-08-2024 : WI/ST/A	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	14
2	Velocity	m/s	0.7	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	43	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	22.4	25	IS 11255 (Part 7) :2005

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Velocity

Flow Rate

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Environmental Testing Laboratory

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Test Report

					1	
Forma	nat No: QR/7.8/01 Test Report No: TC588524			000007945F	ate: 21-08-2024	
JLR N	JLR No: TC588524000007945F Discipline: Chemical				Group : Atmospheri	
Custo		Plot No902, Pha	ase-III, GIDC Es	Drg. Ltd.) tate, Vapi- 3961	95, Dist	Valsad
Samp Date Samp Date Samp	4	2024 2024 /A	1 2 scrubber	Qty / Nos of Packing / S Protocol / P Date of Cor Sample ID Fuel	eal urpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 16-08-2024 : 0824/ST07945 : -
			RESULT TABL	_E		
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	Г	METHOD REFERENCE
1	Stack Height	m	11	-		- IS 11255 (Part-3):2021
2	Velocity	m/s	2.00			15 11265 (Part-3):2021

120

Nm³/hr

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IS 11255 (Part-3):2008

Chintan Desai (TM)

CHECKED BY Sweety Patel (Dy.TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf. Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.



Environmental Testing Laboratory

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Test Report

			And the second se				
Format No : QR/7.8/01		Test Report No : ETL/003936/24		6/24	Issue Date : 21-08-2024		
ULR No: N.A.		Discipline : Chemical			Group : Atmospheric Pollution		
Customer's Name & Ad	Pla	ot No902, Pha		Drg. Ltd.) tate, Vapi- 39619	5, Dist	- Valsad	
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Nikunj Va : 14-08-20 : 15-08-20	24 24	2 scrubber	Qty / Nos of S Packing / Sea Protocol / Pur Date of Comp Sample ID Fuel	al pose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 16-08-2024 : 0824/ST07945 : -	
			RESULT TABL	.E			
S NO TEST PARA	METER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE	

S.NO. TEST PARAMETER	UNIT RESULT		GPCB LIMIT	METHOD REFERENCE	
4 V0		mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03
9 1					

Note : BDL :- Below Detectable Limit

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AUTHORISED SIGNATORY Chintan Desai (TM)

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Page 2 of 2

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC *NABL ACCREDITED CALIBRATION LABORATORY (CC-2959) *QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION *GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR *ISO 9001 : 2015 * ISO 14001 : 2015 *ISO 45001 : 2018



Environmental Testing Laboratory

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Test Report

						A CONTRACTOR OF A CONTRACT OF
Format No : QR/7.8/01 Test Report No : TC588524 JLR No : TC588524000007946F Discipline : Chemical			lo : TC5885240	000007946F	ate: 21-08-2024	
			Chemical	Group : Atmospheric P		
Customer's Name & Ad	Pl	ot No902, Pha	se-III, GIDC Es	D rg. Ltd.) tate, Vapi- 3961	95, Dist	- Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Nikunj Va : 14-08-20 : 15-08-20	24 24 24	Warehouse	Qty / Nos of Packing / Se Protocol / P Date of Con Sample ID Fuel	eal urpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 16-08-2024 : 0824/ST07946 : -
			RESULT TABL	.E		
S.NO. TEST PARA	METER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE
1 Velocity		m/s	1.60 166	-	-	IS 11255 (Part-3):2021 IS 11255 (Part-3):2008
2 Flow Rate		Nm²/hr	100	150	-	IC 11255 (Part-1):1985

34.1

mg/Nm3

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IS 11255 (Part-1):1985

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Particulate Matter (PM)

3



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Test Report

			and the second se				
Format No : C	2R/7.8/01	Test Report I	No: ETL/00393	37/24 Issue Date : 21-08-202		ate: 21-08-2024	
ULR No: N.A	٨.	Discipline :	Chemical	hemical Group : Atmospheric Pollut			
		ot No902, Pha	ise-III, GIDC Est	Drg. Ltd.) tate, Vapi- 396195	5, Dist	Valsad	
Description of	Sample : Stack att	ached to DCBH	Warehouse				
Sampling By	: Nikunj V	aghasiya		Qty / Nos of S	ample	: 1 / 1 No.	
Date of Sampl	ing : 14-08-20	24		Packing / Sea	1.	: Sealed	
	ved Date : 15-08-20	24		Protocol / Pur	pose	: Stack Gas Analysis	
	ig of Test : 15-08-20			Date of Comp	letion	: 16-08-2024	
Sampling Met				Sample ID		:0824/ST07946	
Duration Samp				Fuel		5 -	
			RESULT TABL	.E			
S.NO. TE	ST PARAMETER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE	
A VOC		ma/Nm ³	BDL(<1)			SOP NoWI/ST/44-03	

mg/Nm³

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/01		Test Report No: TC58852400000	7947F Issue D	Issue Date : 21-08-2024		
ULR No: TC58852400	0007947F	Discipline : Chemical	Group	Group : Atmospheric Pollution		
Customer's Name & Ad		rti Industries Ltd (Alchemie Org. Li ot No902, Phase-III, GIDC Estate, Vi	New York Company and the second s	- Valsad		
Description of Sample		ched to DCNB Distillation Scrubber				
Sampling By	: Nikunj Va	ghasiya Qty	/ Nos of Sample	:1/1No.		
Date of Sampling	: 15-08-202	24 Pa	cking / Seal	: Sealed		
Sample Received Date	: 15-08-202	24 Pro	otocol / Purpose	: Stack Gas Analysis		
Date of Starting of Test	: 15-08-202	24 Da	te of Completion	: 16-08-2024		
Sampling Method	: WI/ST/A		mple ID	: 0824/ST07947		
Duration Sampling	: 60 min.	Fu		1 -		

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	1.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	110	-	IS 11255 (Part-3):2008

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Test Report

Format No: QR/7.8/01	Test Report No	: ETL/004074/24 Is:	sue Date: 21-08-2024		
ULR No: N.A.	Discipline : Ch	Discipline : Chemical Group			
Customer's Name & Ad	dress : Aarti Industries Ltd Plot No902, Phase-	(Alchemie Org. Ltd.) -III, GIDC Estate, Vapi- 396195,	Dist Valsad		
Description of Sample	: Stack attached to DCNB Dis				
Sampling By	: Nikunj Vaghasiya	Qty / Nos of San	nple :1/1No.		
Date of Sampling	: 15-08-2024	Packing / Seal	: Sealed		
Sample Received Date	: 15-08-2024	Protocol / Purpo	se : Stack Gas Analysis		
Date of Starting of Test	: 15-08-2024	Date of Complet	ion : 16-08-2024		
Sampling Method	: WI/ST/A	Sample ID	:0824/ST07947		
Duration Sampling	: 60 min.	Fuel	I -		

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01		Test Report No: TC58852	4000007948F Issue		Date : 21-08-2024	
ULR No : TC58852400	00007948F	Discipline : Chemical		Group : Atmospheric Pollution		
Customer's Name & Ac		rti Industries Ltd (Alchemie ot No902, Phase-III, GIDC E		95 Dist	- Valsad	
Description of Sample	: Stack atta	ched to HCI yard scrubber				
	: Nikunj Va		Qty / Nos of 3	Sample	: 1 / 1 No.	
			Packing / Se		: Sealed	
Sample Received Date	: 15-08-202	24	Protocol / Purpos			
Date of Starting of Test	: 15-08-202	24	Date of Com		: 16-08-2024	
Sampling Method	: WI/ST/A		Sample ID	p	: 0824/ST07948	
Duration Sampling	: 60 min.		Fuel		1.	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	49		IS 11255 (Part-3):2008
4	Sulphur Dioxide (SO2)	mg/Nm ^a	30.3	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ^a	21.8	25	IS 11255 (Part 7) :2005

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Format No: QR/7.8/01		Test Report No : E	TL/000842/24	00842/24 Issue Date : 21	
ULR No: N.A.		Discipline : Chemical Gr		Group	: Atmospheric Pollution
Customer's Name & Ac			Ichemie Org. Ltd.) GIDC Estate, Vapi- 396	3195, Dist.	- Valsad
Description of Sample					
Sampling By	: Nikunj Va	ghasiya	Qty / Nos	of Sample	:1/1No.
Date of Sampling	: 15-08-202	24	Packing /	Seal	: Sealed
Sample Received Date	: 15-08-202	24	Protocol /	Purpose	: Stack Gas Analysis
Date of Starting of Test	: 15-08-202	24	Date of Co	mpletion	: 16-08-2024
Sampling Method	: WI/ST/A		Sample ID		:0824/ST07948
Duration Sampling	: 60 min.		Fuel		1.4
		RESU	LT TABLE		

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
6	VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01		Test Report No : TC588524000007949F Discipline : Chemical		Issue Date : 21-08-2024 Group : Atmospheric Pollution	
ULR No: TC58852400	00007949F				
Customer's Name & Ac		rti Industries Ltd (Alchemie C ot No902, Phase-III, GIDC Esta		Dist	- Valsad
Description of Sample	: Stack atta	ched to DCBH-4 Scrubber		i Biot.	Vaload
Sampling By	: Nikunj Va	ghasiya	Qty / Nos of Sa	ample	:1/1 No.
Date of Sampling	: 15-08-202	24	Packing / Seal		: Sealed
Sample Received Date	: 15-08-202	24	Protocol / Purp		: Stack Gas Analysis
Date of Starting of Test	: 15-08-202	4	Date of Comple		: 16-08-2024
Sampling Method	: WI/ST/A		Sample ID	2022	: 0824/ST07949
Duration Sampling	: 60 min.		Fuel		1-

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	50	-	IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01	Test Report No :	ETL/004075/24 Iss	ue Date : 21-08-2024
ULR No: N.A.	Discipline : Che	mical Gr	oup : Atmospheric Pollution
Customer's Name & Ac	dress : Aarti Industries Ltd (Plot No902, Phase-II	Alchemie Org. Ltd.) II, GIDC Estate, Vapi- 396195, D)ist - Valsad
Description of Sample	: Stack attached to DCBH-4 Se	crubber	int voidu
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sam	ple : 1 / 1 No.
Date of Sampling	: 15-08-2024	Packing / Seal	
Sample Received Date	: 15-08-2024	Protocol / Purpos	
Date of Starting of Test		Date of Completi	
Sampling Method : WI/ST/A		Sample ID	: 0824/ST07949
Duration Sampling	: 60 min.	Fuel	:-

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01		Test Report No: TC58852400000	7950F Issue [Date : 21-08-2024
ULR No: TC58852400	00007950F	Discipline : Chemical	Group	: Atmospheric Pollution
Customer's Name & Ad		rti Industries Ltd (Alchemie Org. Lt ot No902, Phase-III, GIDC Estate, Va		Maland
Description of Sample	: Stack atta	ached to DCBH-3 Scrubber	api- 390 195, DISL	- vaisad
Sampling By	: Nikunj Va		/ Nos of Sample	: 1 / 1 No.
Date of Sampling	: 15-08-202		cking / Seal	: Sealed
Sample Received Date	: 15-08-202			: Stack Gas Analysis
Date of Starting of Test	: 15-08-202		te of Completion	: 16-08-2024
Sampling Method	: WI/ST/A		nple ID	; 0824/ST07950
Duration Sampling	: 60 min.	Fue	승규는 가장에 있었다.	:-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		-
2	Velocity	m/s	1.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	88	-	IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01 Test Repo		No: ETL/004076/24 Is	sue Date : 21-08-2024	
ULR No: N.A.	Discipline :	Discipline : Chemical Group : Atmospheric Pollu		
Customer's Name & Ad	dress : Aarti Industries I Plot No902, Pha	Ltd (Alchemie Org. Ltd.) se-III, GIDC Estate, Vapi- 396195,	Dist Valsad	
Description of Sample	: Stack attached to DCBH			
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sar	nple :1/1No.	
Date of Sampling	: 15-08-2024	Packing / Seal	Sealed	
Sample Received Date	: 15-08-2024	Protocol / Purpo	se : Stack Gas Analysis	
Date of Starting of Test	: 15-08-2024	Date of Comple	tion : 16-08-2024	
Sampling Method	: WI/ST/A	Sample ID	:0824/ST07950	
Duration Sampling	: 60 min.	Fuel	13 H	

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 HCI	mg/Nm ^a	9.00	20	USEPA (Part-0050)

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Test Report

Format No: QR/7.8/01		Test Report No: TC588524000006	692F Issue [Issue Date : 19-07-2024	
ULR No: TC5885240	00006692F	Discipline : Chemical	Group	Group : Atmospheric Pollution	
Customer's Name & A		rti Industries Ltd (Alchemie Org. Lt ot No902, Phase-III, GIDC Estate, Va		Valead	
Description of Sample	: Stack atta	ached to SFD Dryer	.pr 000100, Dist.	- valsau	
Sampling By	: Nikunj Va	a de la construcción de la c	/ Nos of Sample	:1/1No	
Date of Sampling	: 12-07-202		king / Seal	: Sealed	
Sample Received Date	: 13-07-202			: Stack Gas Analysis	
Date of Starting of Test	: 13-07-202		e of Completion		
Sampling Method	: WI/ST/A		nple ID	: 0724/ST06692	
Duration Sampling : 60 min.		Fue		:-	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	6.60		IS 11255 (Part-3):2021
2	Flow Rate	Nm³/hr	62901		IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	64.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO2)	%	0.30	-	SOP No.WI/ST/10

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Test Report

Format No : QR/7.8/01		Test Report No : ETL/003	268/24 Is	sue Date : 19-07-2024
ULR No: N.A.		Discipline : Chemical		Froup : Atmospheric Pollution
Customer's Name & Ac	ddress : Aa Plo	rti Industries Ltd (Alchemie ot No902, Phase-III, GIDC E	Org. Ltd.)	
	: Stack atta	iched to SFD Dryer	outo, vapi- 030130,	Dist Valsad
Sampling By	: Nikunj Va	ghasiya	Qty / Nos of Sar	mple :1/1 No.
Date of Sampling	: 12-07-202		Packing / Seal	
Sample Received Date	: 13-07-202	24	Protocol / Purpo	
Date of Starting of Test	: 13-07-202	24	Date of Comple	50.0.S
Sampling Method			동생 방송 전쟁에서 감독을 가지 않아 봐야 한다.	
Duration Sampling : 60 min.		Sample ID Fuel		:0724/ST06692 :-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
5	VOC	an of h loss 2		GFOD LIMIT	METHOD REFERENCE
0	1. T. T.	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03
	Methane (as CH4)	%	BDL(<0.1)		GC Method
7	Nitrous Oxide (N2O)	ppm	BDL(<2.1)		
	Perfluorocarbons			-	GC Method
		ppm	BDL(<10)	-	GC Method
9	Hydrofluorocarbons	ppm	BDL(<10)		
10	Sulphur hexafluoride				GC Method
		ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/0	1	Test Report No : TC58852400000	CC02E	10-00
ULR No : TC5885240	000066025		Issue I	Date : 19-07-2024
		Discipline : Chemical	Group	: Atmospheric Pollution
10	Plo	rti Industries Ltd (Alchemie Org. Lt ot No902, Phase-III, GIDC Estate, Va	d.) api- 396195, Dist.	- Valsad
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Nikunj Va : 12-07-202 : 13-07-202	ghasiya Qty 24 Pac 24 Pac 24 Prot 24 Date	/ Nos of Sample king / Seal tocol / Purpose e of Completion nple ID	

RESULT TABLE

			RESULT TABL	_E	
S.NO.	- ST CANADIE IER	UNIT	RESULT	GPCB LIMIT	
1	Stack Height		44	GFOB LIWIT	METHOD REFERENCE
2	Velocity	m	11	-	-
		m/s	2.10	-	10 44055 (0. 1.0) 5555
3	Flow Rate	Nm³/hr	129		IS 11255 (Part-3):2021
4	Oxides of Nitrogen (as NO2)		129	-	IS 11255 (Part-3):2008
	estadeo or millogen (as NO2)	mg/Nm ³	19.9	25	IS 11255 (Part 7) :2005
				and the second sec	10 11200 (Part /) :2005

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Test Report

Format No : QR/7.8/01	Test Repo	ort No : ETL/003452/24	Issue Date : 19-07-2024	
ULR No: N.A.	Discipline	01	Group : Atmospheric Pollution	
	Idress : Aarti Industrie Plot No902, F	es Ltd (Alchemie Org. Ltd.) Phase-III, GIDC Estate, Vapi- 396195,	Dist - Valead	
Description of Sample	: Stack attached to Rea	action(Dizo) Vessels	, Disc Vaisau	
Sampling By	: Nikunj Vaghasiya	Qtv / Nos of Sa	ample :1/1 No.	
Date of Sampling	: 12-07-2024	Packing / Seal		
Sample Received Date	: 13-07-2024	Protocol / Purp		
Date of Starting of Test	: 13-07-2024	Date of Comple	and the second standing bits	
Sampling Method	: WI/ST/A	Sample ID	: 0724/ST06693	
Duration Sampling	: 30 min.	Fuel	- 0724/3100093	
		RESULT TABLE		

S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE 5 HCI mg/Nm³ 14.20 20 USEPA (Part-0050)

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Test Report

III B M. TORAGO		Test Report No : TC58852400000665	94F Issue I	Issue Date : 19-07-2024 Group : Atmospheric Pollution	
		Discipline : Chemical			
Customer's Name & Ar	ddress : Aa Pic	rti Industries Ltd (Alchemie Org. Ltd.) ot No902, Phase-III, GIDC Estate, Vapi-	- 396195 Diet	Valend	
Description of Sample	: Stack atta	iched to DCNB Decomposition Stack	- 550 135, Dist.	- vaisad	
Sampling By	: Nikunj Va	ghasiya Qty / M	los of Sample	:1/1 No.	
Date of Sampling	: 12-07-202	24 Packir	ng / Seal	Sealed	
Sample Received Date	: 13-07-202		ol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 13-07-202		of Completion		
Sampling Method	: WI/ST/A	Sampl		: 15-07-2024	
Duration Sampling	: 30 min.	Fuel		: 0724/ST06694	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD DESERVICE
1	Stack Height	m	11	OT OD LIMIT	METHOD REFERENCE
2	Velocity	m/s	0.80	-	-
3	Flow Rate	Nm³/hr	50	-	IS 11255 (Part-3):2021
4	Oxides of Nitrogen (as NO2)	mg/Nm ³	23.1	05	IS 11255 (Part-3):2008
	0 1 0 0	mgrun	20.1	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01 ULR No : TC588524000006695F		Test Report No : TC588524000006695F		Issue Date : 19-07-2024	
		Discipline : Chemical		Group : Atmospheric Pollution	
	ddress : Aa Plo	rti Industries Ltd (Alchemie Org. L ot No902, Phase-III, GIDC Estate, V	td.)		
	: Stack atta	iched to DCBH 2 scrubber	-p. 000100, Dist	- Voisau	
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	: 13-07-202	Pace Pace Pace Pace Pace Pace Pace Pace	/ / Nos of Sample cking / Seal otocol / Purpose le of Completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 15-07-2024	
	: WI/ST/A : 60 min.	Sar Fue	nple ID el	:0724/ST06695 :-	
		RESULT TABLE			

S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE 1 Stack Height m 11 -Velocity 2 m/s 1.90 -IS 11255 (Part-3):2021 Flow Rate Nm³/hr 116 IS 11255 (Part-3):2008 -

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Test Report

		19945 LALE 17-0/-/11/A
JLR No : N.A. Discipline : Chemica		Issue Date : 19-07-2024 Group : Atmospheric Pollution
Plot No902 Phase-III G	hemie Org. Ltd.)	
Stack attached to DCBH 2 scrub	ber	, older voldage
	Qty / Nos of S	ample : 1 / 1 No.
13-07-2024		
Date of Starting of Test : 13-07-2024 Sampling Method : WI/ST/A		20.
		사가 잘 잘 알 수 있는 것을 잘 잘 잘 잘 잘 했다. 그는 것은 것을 잘 하는 것을 하는 것을 알 수 있는 것을 알 수 있는 것을 알 수 있는 것을 알 수 있다. 나는 것을 알 수 있는 것을 것 같이 것을 같이 것을 것 같이 같이 않는 것을 것 같이 않는 것을 것 같이 않는 것 같이 않는 것 같이 않는 것 같이 않는 것 같이 않을 것 같이 않는 것 같이 않는 것 같이 않는 것 같이 않는 것 같이 않을 것 같이 않는 것 같이 않 않 않 않 않는 것 같이 않 않 않 않 않 않 않 않 않 않 않 않 않 않 않 않 않 않
		:0724/ST06695
	ess : Aarti Industries Ltd (Alc Plot No902, Phase-III, G Stack attached to DCBH 2 scrub Nikunj Vaghasiya 12-07-2024 13-07-2024 13-07-2024	ess : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195 Stack attached to DCBH 2 scrubber Nikunj Vaghasiya 12-07-2024 13-07-2024 Nikunj Vaghasiya Qty / Nos of S Packing / Seal Protocol / Purp Date of Compl WI/ST/A Sample ID

RESULT TABLE

LINIT	PECHUT	0000100	
		GPCB LIMIT	METHOD REFERENCE
	BDL(<1)		SOP NoWI/ST/44-03
	UNIT mg/Nm ³	THEODET	mg/Nm ³ BDL(<1)

Note : BDL :- Below Detectable Limit

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+QCI-NABET ACCREDITED ELA CONSULTANT ORGANIZATION -GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR
+ISO 9001 : 2015 + ISO 14001 : 2015 + ISO 45001 : 2018

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Test Report

Format No : QR/7.8/0	1	Test Report No : TC58852400000669	6F Issue	Date: 19-07-2024	
UI D Mar TOTOTOTOTOTOTOT		Discipline : Chemical		Group : Atmospheric Pollution	
	Plo	rti Industries Ltd (Alchemie Org. Ltd.) ot No902, Phase-III, GIDC Estate, Vapi-			
Sampling By Date of Sampling	Nikunj Va	ghasiya Qty / N 24 Packin	los of Sample g / Seal		
			ol / Purpose f Completion e ID	: Stack Gas Analysis	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
1	Velocity	mla		GFCB LIWIT	METHOD REFERENCE
2	Flow Rate	m/s	1.40	24	IS 11255 (Part-3):2021
		Nm³/hr	154		
3	Particulate Matter (PM)	ma/Maril	00.0		IS 11255 (Part-3):2008
	in a number of my	mg/Nm ^a	30.2	150	IS 11255 (Part-1):1985

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Test Report

Format No : QR/7.8/01	Test Report N	lo : ETL/003271/24	Issue Date : 19-07-2024
ULR No: N.A.			Group : Atmospheric Pollution
	ddress : Aarti Industries L Plot No902, Phas	td (Alchemie Org. Ltd.) e-III, GIDC Estate, Vapi- 396	
	: Stack attached to DCBH \	Warehouse	195, Dist Vaisad
Sampling By	: Nikunj Vaghasiya	Qty / Nos o	f Sample : 1 / 1 No.
Date of Sampling	: 12-07-2024	Packing / S	
Sample Received Date	: 13-07-2024	Protocol / P	
Date of Starting of Test			
	: WI/ST/A	Date of Cor	업가 방법에 가입니다. 영화 방법을 가장하는 것은 것은 것을 하는 것이다.
	: 60 min.	Sample ID Fuel	:0724/ST06696

RESULT TABLE

	RESULT	GPCB LIMIT	METHOD REFERENCE
ma/Mm ³	BDI (24)		
angerann -	BDL(<1)	· · ·	SOP NoWI/ST/44-03
	UNIT mg/Nm ³		CI OF OD LIWIT

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01	1	Test Report No : TC58852400000669	97F Issue [Issue Date : 19-07-2024	
ULR No: TC5885240	LR No : TC588524000006697F Discipline : Chemical		Group : Atmospheric Pol		
	Plo	rti Industries Ltd (Alchemie Org. Ltd.) ot No902, Phase-III, GIDC Estate, Vapi)		
Description of Sample	: Stack atta	ached to DCNB Distillation Scrubber	000100, Dist.	valsau	
Sampling By	: Nikunj Va	ghasiya Qty / M	Nos of Sample	:1/1No	
Date of Sampling	: 12-07-202		ng / Seal	: Sealed	
Sample Received Date	: 13-07-202		col / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 13-07-202		of Completion	: 15-07-2024	
Sampling Method	: WI/ST/A	Samp			
Duration Sampling	: 60 min.	Fuel		: 0724/ST06697	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METUOD DECEDENCE
1	Stack Height		44	CI CO LIMIT	METHOD REFERENCE
	No. 1	m	11	-	-
2	Velocity	m/s	1.40	-	IS 11255 (Part-3):2021
3	Flow Rate	NU-10-			10 11200 (Part-3):2021
-		Nm³/hr	88	-	IS 11255 (Part-3):2008

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Test Report

Format No: QR/7.8/01	Test Report No : E	TL/003453/24 Iss	Issue Date : 19-07-2024	
ULR No: N.A.	Discipline : Chem		oup : Atmospheric Pollution	
	Idress : Aarti Industries Ltd (Al Plot No902, Phase-III,	GIDC Estate Vani- 396195	Dist Valsad	
	: Stack attached to DCNB Distilla	ation Scrubber		
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sam	nple :1/1No.	
	: 12-07-2024	Packing / Seal		
Sample Received Date	: 13-07-2024	Protocol / Purpos		
Date of Starting of Test	: 13-07-2024	Date of Completion	and a substrate water and the second	
Sampling Method	: WI/ST/A	Sample ID	: 0724/ST06697	
Duration Sampling	: 60 min.	Fuel	:-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	VOC	mg/Nm ³	BDL(<1)		
		. mgran	DDL(~I)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/01	1	Test Report No : TC588524000006698	BF Issue	Date: 19-07-2024
ULR No : TC5885240	00006698F	Discipline : Chemical		: Atmospheric Pollution
	Plo	rti Industries Ltd (Alchemie Org. Ltd.) ot No902, Phase-III, GIDC Estate, Vapi-		
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Nikunj Va : 12-07-202 : 13-07-202	ghasiya Qty / No 24 Packing 24 Protoco	os of Sample / Seal I / Purpose Completion	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
1	Stack Height		THEODET	GFCB LIMIT	METHOD REFERENCE
		m	11	-	-
4	Velocity	m/s	0.60		10 11055 (0 - 1 0) 0001
3	Flow Rate	Nm³/hr	40		IS 11255 (Part-3):2021
4	Sulphur Dioxide (SO2)		46	-	IS 11255 (Part-3):2008
		mg/Nm ³	27.4	40	IS 11255 (Part 2):1985
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	18.0		
	0(-0	mgaan	10.0	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01	Test Report No : I	ETL/003272/24 Is	sue Date : 19-07-2024
ULR No : N.A. Discipline : Chemical			roup : Atmospheric Pollution
	ddress : Aarti Industries Ltd (A Plot No902, Phase-III,	Ichemie Org. Ltd.) GIDC Estate, Vapi- 396195	
Description of Sample	: Stack attached to HCI yard scr	ubber	eron yoroug
Sampling By	Nikunj Vaghasiya	Qty / Nos of Sar	mple :1 / 1 No.
Date of Sampling	: 12-07-2024	Packing / Seal	
Sample Received Date	: 13-07-2024	Protocol / Purpo	
Date of Starting of Test	: 13-07-2024		and the second se
Sampling Method	: WI/ST/A	Date of Complet	거나에는 지방 않는 지하지 않는
	: 60 min.	Sample ID	:0724/ST06698
and a second sec	. oo min.	Fuel	5.4

a				- be	
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD DESERVICE
6	VOC	ma/Mm3	DDI (OF OD LINIT	METHOD REFERENCE
		mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03
Note · F	DI : Rolaw Datastable LL II				SUP NO1

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/01	1	Test Report No : TC58852400000	00005	10 - 58	
ULR No: TC5885240	00006699F	Discipline : Chemical		Date : 19-07-2024 : Atmospheric Pollution	
Customer's Name & Ad Description of Sample Sampling By	Plo : Stack atta	rti Industries Ltd (Alchemie Org. Lt ot No902, Phase-III, GIDC Estate, Va inched to DCBH-4 Scrubber	td.) api- 396195, Dist.	- Valsad	
Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	 Nikunj Vag 12-07-202 13-07-202 13-07-202 WI/ST/A 60 min. 	Pace Pace Pace Pace Pro Pro Date Date Pro	/ / Nos of Sample cking / Seal otocol / Purpose te of Completion mple ID el	: 1 / 1 No. : Sealed : Stack Gas Analysis : 15-07-2024 : 0724/ST06699 : -	

RESULT TABLE

NO. TEST PARAMETER			REGULT TABL	-E	
	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
1	Stack Height	100	44	GFCB LIMIT	METHOD REFERENCE
2	Velocity	m	11	-	-
		m/s	0.90	-	IS 11255 (D- 1 0) 0001
0	Flow Rate	Nm ³ /hr	55		IS 11255 (Part-3):2021
					IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01 Test Report No : ETL ULR No : N.A. Discipline : Chemica		L/003273/24 Iss	Date : 19-07-2024	
			oup : Atmospheric Pollution	
Customer's Name & Ac	Plot No902, Phase-III, G	hemie Org. Ltd.)		
Description of Sample	: Stack attached to DCBH-4 Scrub	ber	ist valsad	
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Sam	ple :1/1No	
Date of Sampling	: 12-07-2024	Packing / Seal		
Sample Received Date		Protocol / Purposi		
Date of Starting of Test	: 13-07-2024	Date of Completic		
	: WI/ST/A	Sample ID	: 0724/ST06699	
Duration Sampling	: 60 min.	Fuel	:-	

S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE 4 VOC mg/Nm³ BDL(<1) SOP No.-WI/ST/44-03

Note : BDL :- Below Detectable Limit

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S.NO.

TEST PARAMETER

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Test Report

Format No: QR/7.8/0	1	Test Report No : TC58852400000670	OF leave	Data 40 07 000 1	
ULR No : TC5885240	R No : TC588524000006700F Discipline : Chemi			Issue Date : 19-07-2024 Group : Atmospheric Pollution	
Customer's Name & A	Plo	rti Industries Ltd (Alchemie Org. Ltd.) et No902, Phase-III, GIDC Estate, Vapi- ched to DCBH-3 Scrubber			
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	: Nikunj Vag : 12-07-202 : 13-07-202	ghasiya Qty / N 4 Packin 4 Protoco	os of Sample g / Seal ol / Purpose f Completion e ID	: 1 / 1 No. : Sealed : Stack Gas Analysis : 15-07-2024 : 0724/ST06700	

RESULT TABLE LIAUT

	a state i hars	UNIT	RESULT	GPCB LIMIT	Report to the second
1 Stack Height		m	44	Crob chart	METHOD REFERENCE
2 Velocity		m	11		
		m/s 1.20		10 110 10 10	
3 Flow Rate		Nm³/hr	76		IS 11255 (Part-3):2021
		Contra 1	/5	-	IS 11255 (Part-3):2008

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Test Report

Compliants and the DODH-3 SCI	nical G Alchemie Org. Ltd.)	ssue Date : 19-07-2024 Group : Atmospheric Pollution Dist Valsad
Description of Sample : Stack attached to DCBH-3 Sci	Alchemie Org. Ltd.)	
Permilian D	rubber	
Sampling By: Nikunj VaghasiyaDate of Sampling: 12-07-2024Sample Received Date: 13-07-2024Date of Starting of Test: 13-07-2024Sampling Method: WI/ST/ADuration Sampling: 60 min.	Qty / Nos of Sar Packing / Seal Protocol / Purpo Date of Complet Sample ID Fuel	ose : Stack Gas Analysis

O I O I			ALOULI TABL	-C	
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
4	HCI	mg/Nm ³	0.00	the second se	METHOD REFERENCE
			8.80	20	USEPA (Part-0050)

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Test Report

Format No: QR/7.8/01		Test Report No : TC588524000006068F		Issue Date : 02-07-2024		
ULR No: TC58852400	00006068F	Discipline : Chemical		Group	Group : Atmospheric Pollution	
Customer's Name & Ad		rti Industries Ltd (Alcher ot No902, Phase-III, GIDO		95 Dist	- Valsad	
Description of Sample	: Stack atta	ached to SFD Dryer			- Cloud	
Sampling By	: Nikunj Va	ghasiya	Qty / Nos of	Sample	: 1 / 1 No.	
Date of Sampling	: 25-06-202	24	Packing / Se		: Sealed	
Sample Received Date	: 26-06-202	24	Protocol / P		: Stack Gas Analysis	
Date of Starting of Test	: 26-06-202	24	Date of Con		: 27-06-2024	
Sampling Method	: WI/ST/A		Sample ID	1 - 1 - 1	: 0624/ST06068	
Duration Sampling	: 60 min.		Fuel		÷-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	7.00	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm³/hr	65690		IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	82.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO2)	%	0.31		SOP No.WI/ST/10

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Test Report

Format No : QR/7.8/01	Test Report N	o: ETL/003058/24	ssue Date : 02-07-2024
ULR No: N.A.	Discipline : C	Group : Atmospheric Pollution	
Customer's Name & Ac	dress : Aarti Industries Lt		
Description of Sample	: Stack attached to SFD Dr	e-III, GIDC Estate, Vapi- 396195 yer	, Dist Valsad
Sampling By	: Nikunj Vaghasiya	2	ample : 1 / 1 No.
Date of Sampling	: 25-06-2024	Packing / Seal	
Sample Received Date	: 26-06-2024	Protocol / Purp	
Date of Starting of Test	: 26-06-2024	Date of Comple	
Sampling Method	: WI/ST/A	Sample ID	: 0624/ST06068
Duration Sampling	: 60 min.	Fuel	:-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03
6	Methane (as CH4)	%	BDL(<0.1)		GC Method
7	Nitrous Oxide (N2O)	ppm	BDL(<2.1)		GC Method
8	Perfluorocarbons	ppm	BDL(<10)	-	GC Method
9	Hydrofluorocarbons	ppm	BDL(<10)		GC Method
10	Sulphur hexafluoride	ppm	BDL(<1)	-	GC Method

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/01 ULR No: TC588524000006069F		Test Report No : TC588524000006069F Discipline : Chemical		Issue Daté : 02-07-2024 Group : Atmospheric Pollution	
Description of Sample	: Stack atta	ached to Reaction(Diz	o) Vessels		
Sampling By	: Nikunj Va	ghasiya	Qty / Nos of	f Sample	: 1 / 1 No.
Date of Sampling	: 25-06-20	24	Packing / S	eal	: Sealed
Sample Received Date	: 26-06-20	24	Protocol / P	urpose	: Stack Gas Analysis
Date of Starting of Test	: 26-06-20	24	Date of Cor	npletion	: 27-06-2024
Sampling Method	: WI/ST/A		Sample ID		:0624/ST06069
Duration Sampling	: 30 min.		Fuel		:-
		RESU	JLT TABLE		

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		-
2	Velocity	m/s	1.80	+	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	112		IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO2)	mg/Nm ³	22.7	25	IS 11255 (Part 7) :2005

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Test Report

Format No : QR/7.8/01 ULR No : N.A.				Date : 02-07-2024 : Atmospheric Pollution	
Description of Sample	: Stack atta	ched to Reaction(Dia	zo) Vessels		
Sampling By	: Nikunj Vag	ghasiya	Qty / Nos	of Sample	:1/1 No.
Date of Sampling	: 25-06-202		Packing /	Seal	: Sealed
Sample Received Date	: 26-06-202	24	Protocol	Purpose	: Stack Gas Analysis
Date of Starting of Test			Date of C	ompletion	: 27-06-2024
Sampling Method	: WI/ST/A		Sample I	D	: 0624/ST06069
Duration Sampling	: 30 min.		Fuel		:-

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
		mallimi	12.20	20	USEPA (Part-0050)
5	HCI	mg/Nm	12.20	20	

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Test Report

Format No: QR/7.8/01 ULR No: TC588524000006070F				Issue Date : 02-07-2024 Group : Atmospheric Pollution	
Description of Sample	: Stack atta	ached to DCNB Decomposition Stac	k		
Sampling By	: Nikunj Va	ghasiya Q	ty / Nos of Sample	e :1/1 No.	
Date of Sampling	: 25-06-202	24 P	acking / Seal	: Sealed	
Sample Received Date	: 26-06-20	24 P	rotocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 26-06-20	24 D	ate of Completion	: 27-06-2024	
Sampling Method	: WI/ST/A		ample ID	:0624/ST06070	
Duration Sampling	: 30 min.	F	uel	:-	
		RESULT TABLE			

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Stack Height	m	11	-	
2	Velocity	m/s	0.80	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ² /hr	50	-	IS 11255 (Part-3):2008
	Oxides of Nitrogen (as NO2)	mg/Nm ³	19.9	25	IS 11255 (Part 7) :2005

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Test Report



Format No: QR/7.8/01		Test Report No: TC588524000006071F		Issue Date : 02-07-2024	
JLR No : TC58852400	Discipline : Chemica	pline : Chemical Group		: Atmospheric Pollution	
Customer's Name & Ad		n rti Indu stries Ltd (Alch ot No902, Phase-III, GI		195, Dist.	- Valsad
Description of Sample	: Stack atta	ached to DCBH 2 scrub	ber		
Sampling By	: Nikunj Va	ighasiya	Qty / Nos o	f Sample	: 1 / 1 No.
	: 25-06-20	24	Packing / S	eal	: Sealed
Sample Received Date	: 26-06-20	24	Protocol / Purpose		: Stack Gas Analysis
Date of Starting of Test	: 26-06-20	24	Date of Cor	mpletion	: 27-06-2024
Sampling Method	: WI/ST/A		Sample ID		:0624/ST06071
	: 60 min.		Fuel		:-

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		-
2	Velocity	m/s	2.40	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	147		IS 11255 (Part-3):2008

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Test Report

Test Report No	Test Report No : ETL/003048/24 Issue	
Discipline : Cl	hemical	Group : Atmospheric Pollution
	1993년 1993년 1993년 1993년 1993년 1993년 ¹⁹⁹ 7년 1993년 1997년 1993년 199 1993년 1993년 199	5, Dist Valsad
: Stack attached to DCBH 2	2 scrubber	
: Nikunj Vaghasiya	Qty / Nos of S	Sample : 1 / 1 No.
: 25-06-2024	Packing / Sea	al :Sealed
: 26-06-2024	Protocol / Pur	pose : Stack Gas Analysis
: 26-06-2024	Date of Comp	bletion : 27-06-2024
: WI/ST/A	Sample ID	: 0624/ST06071
: 60 min.	Fuel	:-
	Discipline : Cl dress : Aarti Industries Ltu Plot No902, Phase : Stack attached to DCBH 2 : Nikunj Vaghasiya : 25-06-2024 : 26-06-2024 : 26-06-2024 : WI/ST/A	Discipline : Chemical Discipline : Chemical dress : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 39619 : Stack attached to DCBH 2 scrubber : Nikunj Vaghasiya Qty / Nos of S : 25-06-2024 Packing / Sea : 26-06-2024 Protocol / Pur : 26-06-2024 Date of Comp : WI/ST/A Sample ID

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	VOC	mg/Nm ³	BDL(<1)		SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Format No: QR/7.8/01 ULR No: TC588524000006072F		Test Report No: TC58852400000	6072F Issue	Issue Date : 02-07-2024	
		Discipline : Chemical		Group : Atmospheric Pollution	
	Ple	orti Industries Ltd (Alchemie Org. L ot No902, Phase-III, GIDC Estate, V		Valsad	
Description of Sample	: Stack atta	ached to DCBH Warehouse			
Sampling By	: Nikunj Va	ighasiya Qt	y / Nos of Sampl	e :1/1No.	
Date of Sampling	: 25-06-20	24 Pa	icking / Seal	: Sealed	
Sample Received Date	: 26-06-20	24 Pr	otocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test			ate of Completion	: 27-06-2024	
Sampling Method	: WI/ST/A		ample ID	:0624/ST06072	
	: 60 min.	Fu	Jel	:-	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	1.90		IS 11255 (Part-3):2021
2	Flow Rate	Nm ³ /hr	204		IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ^a	33.6	150	IS 11255 (Part-1):1985

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

Test Report

Format No : QR/7.8/01 ULR No : N.A.				up : Atmospheric Pollution	
Description of Sample	: Stack attache	ed to DCBH Warehouse			
Sampling By	: Nikunj Vagha	siya Qty	/ Nos of Sample	:1/1No.	
Date of Sampling	: 25-06-2024	Pac	king / Seal	: Sealed	
Sample Received Date	: 26-06-2024	Pro	tocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 26-06-2024	Date	e of Completion	: 27-06-2024	
Sampling Method	: WI/ST/A	San	nple ID	:0624/ST06072	
Duration Sampling	: 60 min.	Fue	el	: -	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

nemical d (Alchemie Org. Ltd.)	Group	: Atmospheric Pollution
(Alchemie Org. Ltd.)		
-III, GIDC Estate, Vapi- 3961	195, Dist	- Valsad
istillation Scrubber		
Qty / Nos o	f Sample	: 1 / 1 No.
Packing / S	eal	: Sealed
Protocol / P	ourpose	: Stack Gas Analysis
Date of Co	Date of Completion	
Sample ID		:0624/ST06073
Fuel		:-
	istillation Scrubber Qty / Nos o Packing / S Protocol / F Date of Co Sample ID Fuel	Qty / Nos of Sample Packing / Seal Protocol / Purpose Date of Completion Sample ID

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Stack Height	m	11		-
2	Velocity	m/s	1.60	-	IS 11255 (Part-3):2021
2		Nm³/hr	99		IS 11255 (Part-3):2008
3	Flow Rate	DIRECTOR	00		

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Test Report

Format No: QR/7.8/01				sue Date: 02-07-2024	
Description of Sample	: Stack attache	d to DCNB Distillation Scrubber		10-10-10-10-10-10-10-10-10-10-10-10-10-1	
Sampling By	: Nikunj Vagha	siya Qty / N	os of Sample	: 1 / 1 No.	
Date of Sampling	: 25-06-2024	Packing	g / Seal	: Sealed	
Sample Received Date	: 26-06-2024	Protoco	ol / Purpose	: Stack Gas Analysis	
Date of Starting of Test		Date of	f Completion	: 27-06-2024	
Sampling Method	: WI/ST/A	Sample	e ID	:0624/ST06073	
Duration Sampling	: 60 min.	Fuel		1-	

0.10	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO. 4	VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

06074F	Discipline : Chemical		0	
	- to the second s		Group	: Atmospheric Pollution
ess: Aa Plo	rti Industries Ltd (Alchemie Or ot No:-902, Phase-III, GIDC Estat	g. Ltd .) e, Vapi- 39619	95, Dist	- Valsad
Stack atta	ached to HCI yard scrubber			
Nikunj Va	ghasiya	Qty / Nos of	Sample	: 1 / 1 No.
	The second se	Packing / Se	al	: Sealed
26-06-20	24	Protocol / Pu	irpose	: Stack Gas Analysis
		Date of Com	pletion	: 27-06-2024
WI/ST/A		Sample ID		:0624/ST06074
60 min.		Fuel		:-
	Plc Stack atta Nikunj Va 25-06-202 26-06-202 26-06-202 WI/ST/A	Plot No902, Phase-III, GIDC Estat Stack attached to HCI yard scrubber Nikunj Vaghasiya 25-06-2024 26-06-2024 26-06-2024 WI/ST/A 60 min.	Plot No902, Phase-III, GIDC Estate, Vapi- 39615 Stack attached to HCI yard scrubber Nikunj Vaghasiya Qty / Nos of 25-06-2024 Packing / Se 26-06-2024 Date of Com WI/ST/A Sample ID	Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist.Stack attached to HCI yard scrubberNikunj VaghasiyaQty / Nos of Sample25-06-2024Packing / Seal26-06-2024Protocol / Purpose26-06-2024Date of CompletionWI/ST/ASample ID60 min.Fuel

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
2.000	Stack Height	m	11		
	Velocity	m/s	0.70		IS 11255 (Part-3):2021
		Nm³/ht	43	-	IS 11255 (Part-3):2008
	Flow Rate		25.2	40	IS 11255 (Part 2):1985
	Sulphur Dioxide (SO2)	mg/Nm ^a		10	IS 11255 (Part 7) :2005
5	Oxides of Nitrogen (as NO2)	mg/Nm ^a	16.9	25	13 11200 (Part 7) 2000

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

Test Report

		Test Report No : ETL/002799/24 Issue D		Date : 02-07-2024	
		scipline : Chemical	mical Group		
Customer's Name & Ad	Plot N	ndustries Ltd (Alchemie Org. Ltd. o902, Phase-III, GIDC Estate, Vap		- Valsad	
Description of Sample	: Stack attache	ed to HCI yard scrubber			
Sampling By	: Nikunj Vagha	Qty /	Nos of Sample	:1/1No.	
Date of Sampling	: 25-06-2024		ing / Seal	: Sealed	
Sample Received Date	: 26-06-2024	Proto	col / Purpose	: Stack Gas Analysis	
Date of Starting of Test		Date	of Completion	: 27-06-2024	
Sampling Method	: WI/ST/A	Sam	ple ID	:0624/ST06074	
Duration Sampling	: 60 min.	Fuel		(~	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
6	Voc	ma/Nm ²	BDL(<1)		SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report



Format No: QR/7.8/01		Test Report No: TC588524000006075F		Issue Date : 02-07-2024	
ULR No : TC58852400	0006075F	Discipline : Chemical	Group		: Atmospheric Pollution
	Pla	rti Industries Ltd (Alchem ot No902, Phase-III, GIDC	Estate, Vapi- 3961	195, Dist.	- Valsad
		ached to DCBH-4 Scrubber		Comple	: 1 / 1 No.
Sampling By	: Nikunj Va	ghasiya	Qty / Nos o		
Date of Sampling	: 25-06-20	24	Packing / S		: Sealed
Sample Received Date	: 26-06-20	24	Protocol / P	urpose	: Stack Gas Analysis
Date of Starting of Test			Date of Cor	mpletion	: 27-06-2024
Sampling Method	: WI/ST/A		Sample ID		:0624/ST06075
Duration Sampling	: 60 min.		Fuel		:-

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Stack Height	m	11	-	-
		m/s	1.00		IS 11255 (Part-3):2021
2	Velocity				IS 11255 (Part-3):2008
3	Flow Rate	Nm³/hr	61		10 11200 (1 411 0)12000

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Test Report

Format No: QR/7.8/01 Test Report No:		Issue Date : 02-07-2024
Discipline : Ch	emical	Group : Atmospheric Pollution
		95, Dist Valsad
: Stack attached to DCBH-4	Scrubber	
: Nikunj Vaghasiya	Qty / Nos of	Sample : 1 / 1 No.
: 25-06-2024	Packing / Si	eal : Sealed
: 26-06-2024	Protocol / P	urpose : Stack Gas Analysis
: 26-06-2024	Date of Cor	npletion : 27-06-2024
: WI/ST/A	Sample ID	: 0624/ST06075
: 60 min.	Fuel	:-
	Discipline : Ch dress : Aarti Industries Lto Plot No902. Phase : Stack attached to DCBH-4 : Nikunj Vaghasiya : 25-06-2024 : 26-06-2024 : 26-06-2024	: 25-06-2024 Packing / Si : 26-06-2024 Protocol / P : 26-06-2024 Date of Cor : WI/ST/A Sample ID

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report



Format No : QR/7.8/01		Test Report No: TC5885240000	06076F Issue	Issue Date : 02-07-2024	
ULR No : TC58852400	00006076F	Discipline : Chemical		Group : Atmospheric Pollution	
Customer's Name & Ad		rti Industries Ltd (Alchemie Org. I ot No902. Phase-III, GIDC Estate, V		- Valsad	
Description of Sample	: Stack atta	ached to DCBH-3 Scrubber			
Sampling By	: Nikunj Va	ghasiya Q	ty / Nos of Sample	: 1 / 1 No.	
Date of Sampling	: 25-06-20	24 P:	acking / Seal	: Sealed	
Sample Received Date	: 26-06-20	24 Pi	rotocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 26-06-20	24 D	ate of Completion	: 27-06-2024	
Sampling Method	: WI/ST/A	S.	ample ID	:0624/ST06076	
Duration Sampling	: 60 min.	F	uel	:-	

RESULT TABLE					
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	1.50		IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	93		IS 11255 (Part-3):2008

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Test Report

Format No: QR/7.8/01 Test Report No: 1		TL/000638/24 Issue D		ate: 02-07-2024	
ULR No: N.A		Discipline : Chem	ical	Group	: Atmospheric Pollution
Customer's Name & Ad			GIDC Estate, Vapi- 3	96195, Dist.	- Valsad
Description of Sample	: Stack atta	ached to DCBH-3 Scr	ubber		
Sampling By	: Nikunj Va	ghasiya	Qty / No:	s of Sample	: 1 / 1 No.
Date of Sampling	: 25-06-202	24	Packing	/ Seal	: Sealed
Sample Received Date	: 26-06-202	24	Protocol	/ Purpose	: Stack Gas Analysis
Date of Starting of Test			Date of 0	Completion	: 27-06-2024
Sampling Method	: WI/ST/A		Sample	ID	: 0624/ST06076
Duration Sampling	: 60 min.		Fuel		: -
		RESU	JLT TABLE		

NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
A HO	1	mg/Nm ³	8.40	20	USEPA (Part-0050)

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Test Report

ULR No : TC588524000004197F Discipline : Chemical Group : Atmospheric Pollution Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to SFD Dryer Qty / Nos of Sample : 1/1 No. Sampling By : Prashant Patel Qty / Nos of Sample : Sealed Date of Sampling : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Date of Completion : 18-05-2024 Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID :0524/ST04197	ULR No : TC58852400004197F Discipline : Chemical Group : Atmospheric Pollution Customer's Name & Address : Aartl Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to SFD Dryer Qty / Nos of Sample : 1 / 1 No. Sampling By : Prashant Patel Qty / Nos of Sample : Sealed Date of Sampling : 16-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID :0524/ST04197	Format No : QR/7.8/01		Test Report No : TC5885	24000004197F		ate : 23-05-2024
Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to SFD Dryer Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04197	Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to SFD Dryer Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04197 Duration Sampling : 60 min. Fuel :-		0004197F	Discipline : Chemical		Group	: Atmospheric Pollution
Sampling By: Prashant PatelQty / Nos of Sample: 1/1 No.Date of Sampling: 16-05-2024Packing / Seal: SealedSample Received Date: 17-05-2024Protocol / Purpose: Stack Gas AnalysisDate of Starting of Test: 17-05-2024Date of Completion: 18-05-2024Sampling Method: WI/ST/ASample ID: 0524/ST04197	Sampling By: Prashant PatelQty / Nos of Sample: 17/1 No.Date of Sampling: 16-05-2024Packing / Seal: SealedSample Received Date: 17-05-2024Protocol / Purpose: Stack Gas AnalysisDate of Starting of Test: 17-05-2024Date of Completion: 18-05-2024Sampling Method: WI/ST/ASample ID: 0524/ST04197Duration Sampling: 60 min.Fuel:-		PI	ot No902, Phase-III, GIDC	ie Org. Ltd.) Estate, Vapi- 396	195, Dist.	- Valsad
		Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	 Prashant 16-05-20 17-05-20 17-05-20 WI/ST/A 	1 Patel 124 124 124	Packing / S Protocol / F Date of Co Sample ID	Seal Purpose Impletion	: Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04197

	LINIT	RESULT	GPCB LIMIT	METHOD REFERENCE
TEST PARAMETER	UNIT			IS 11255 (Part-3):2021
ocity	m/s	6.20	-	
hlun 3/hat	59138		IS 11255 (Part-3):2008	
2 Flow Rate		00.0	150	IS 11255 (Part-1):1985
ticulate Matter (PM)	mg/Nm*		100	SOP No.WI/ST/10
rbon Dioxide (as CO2)	%	0.32		30F 140.44031110
	v Rate ticulate Matter (PM)	v Rate Nm³/hr ticulate Matter (PM) mg/Nm³	m/s 6.20 w Rate Nm³/hr 59138 ticulate Matter (PM) mg/Nm³ 90.0	TEST PARAMETER UNIT RESOLT pocity m/s 6.20 - v Rate Nm³/hr 59138 - ticulate Matter (PM) mg/Nm³ 90.0 150

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 ISO 14001 : 2015

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Test Report

ormat No : QR/7.8/01	Test Report No :	ETL/001782/24		ate : 23-05-2024	
JLR No : N.A.	mi della chemical		al Group : Atmospheric Po		
	dress : Aarti Industries Ltd (A Plot No902, Phase-II	I, GIDC Estate, vapi- 5	96195, Dist.	- Valsad	
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / No Packing Protocol	/ Purpose Completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04197 : -	

METHOD REFERENCE GPCB LIMIT RESULT TEST PARAMETER UNIT S.NO. SOP No.-WI/ST/44-03 mg/Nm³ BDL -VOC 5 GC Method BDL -% Methane (as CH4) 6 GC Method BDL ppm Nitrous Oxide (N2O) 7 GC Method BDL ppm Perfluorocarbons 8 GC Method BD1 . ppm Hydrofluorocarbons 9 GC Method BDL ngq Sulphur hexafluoride

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³, Methane (as CH4)<0.1 %, Nitrous Oxide (N2O)<0.1 ppm, Perfluorocarbons<1 ppm, Hydrofluorocarbons<5 ppm, Sulphur hexafluoride<1 ppm)

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Test Report

Format No : QR/7.8/01	Test Report No : TC588524000		ue Date : 23-05-2024
ULR No: TC588524000004198	Gr	oup : Atmospheric Pollution	
ouotoinioi o ritainio	Aarti Industries Ltd (Alchemie Org Plot No902, Phase-III, GIDC Estate	g. Ltd.) e, Vapi- 396195, I	Dist Valsad
Description of Sample : Stack a Sampling By : Prasha Date of Sampling : 16-05- Sample Received Date : 17-05- Date of Starting of Test : 17-05- Sampling Method : WI/ST/ Duration Sampling : 30 min	2024 2024 2024 A	Qty / Nos of San Packing / Seal Protocol / Purpo Date of Complet Sample ID Fuel	: Sealed se : Stack Gas Analysis
	RESULT TABLE		

		UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE		
S.NO.	TEST PARAMETER	UNIT	THEODET		-		
1	Stack Height	m	11	-	10 44055 (Dect 2):2021		
		m/s	1.90	-	IS 11255 (Part-3):2021		
2	Velocity		116		IS 11255 (Part-3):2008		
3	Flow Rate	Nm³/hr			IS 11255 (Part 7) :2005		
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	21.3	25	15 11200 (Part 7) .2000		

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Test Report

ULR No: N.A. Discipline: Chemical Group: Atmospheric Politition Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to Reaction(Dizo) Vessels Qty / Nos of Sample : 1 / 1 No. Sampling By : Prashant Patel Qty / Nos of Sample : Sealed Date of Sampling : 16-05-2024 Protocol / Purpose : Stack Gas Analysis Sample Received Date : 17-05-2024 Date of Completion : 18-05-2024 Date of Starting of Test : 17-05-2024 Date of Completion : 0524/ST04198 Sampling Method : WI/ST/A Sample ID : 0524/ST04198 Duration Sampling : 30 min. Fuel :-	Format No : QR/7.8/01	Test Report No : E	TL/000460/24		ate : 23-05-2024	
Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsau Description of Sample : Stack attached to Reaction(Dizo) Vessels Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-05-2024 Protocol / Purpose : Stack Gas Analysis Sampling Received Date : 17-05-2024 Date of Completion : 18-05-2024 Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04198 Duration Sampling : 30 min. Fuel :-	ULR No : N.A.	Discipline : Chemi	cal	Group : Atmospheric Pollution		
Sampling ByPrashant PatelQty / Nos of SamplePrintDate of Sampling: 16-05-2024Packing / Seal: SealedSample Received Date: 17-05-2024Protocol / Purpose: Stack Gas AnalysisDate of Starting of Test: 17-05-2024Date of Completion: 18-05-2024Sampling Method: WI/ST/ASample ID: 0524/ST04198Duration Sampling: 30 min.Fuel:-		Plot No902, Phase-III,	GIDC Estate, Vapi- 396	6195, Dist.	- Valsad	
RESULT TABLE	Sampling By Date of Sampling Sample Received Date Date of Starting of Test	: Prashant Patel : 16-05-2024 : 17-05-2024 : 17-05-2024 : WI/ST/A : 30 min.	Qty / Nos Packing / S Protocol / Date of Co Sample ID Fuel	Seal Purpose ompletion	: Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04198	

		UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.	TEST PARAMETER		13.60	20	USEPA (Part-0050)
5 1	HCI	mg/Nm ^a	10.00		

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Test Report

ULR No : TC588524000004199F Discipline : Chemical Group : Atmospheric Pollution Customer's Name & Address : Aarti Industries Ltd (Alchemle Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to DCNB Decomposition Stack Sampling By : Prashant Patel Qty / Nos of Sample : 1/1 No. Date of Sampling : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Date of Completion : 18-05-2024 Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04199 Duration Sampling : 30 min. Fuel :-	Format No : QR/7.8/01	Test Report No : TC588524000004199F		ate : 23-05-2024
Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to DCNB Decomposition Stack Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sample Received Date : 16-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04199		Discipline : Chemical	Group	: Atmospheric Pollution
Sampling By: Prashant PatelQty / Nos of Sample: I// I/NO.Date of Sampling: 16-05-2024Packing / Seal: SealedSample Received Date: 17-05-2024Protocol / Purpose: Stack Gas AnalysisDate of Starting of Test: 17-05-2024Date of Completion: 18-05-2024Sampling Method: WI/ST/ASample ID: 0524/ST04199	PI	ot No902, Phase-III, GIDC Estate, Vapi- 3	96195, Dist.	- Valsad
	Sampling ByPrashanDate of Sampling16-05-20Sample Received Date17-05-20Date of Starting of Test17-05-20Sampling MethodWI/ST/A	t Patel Qty / No: 024 Packing 024 Protocol 024 Date of 0 Sample	/ Seal / Purpose Completion	: Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04199

-	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.		- m	11	-	H. 10
1	Stack Height	m			IS 11255 (Part-3):2021
2	Velocity	m/s	0.90	-	
2	Flow Rate	Nm³/hr	57	-	IS 11255 (Part-3):2008
· ·		mg/Nm ^a	21.6	25	IS 11255 (Part 7) :2005
4	Oxides of Nitrogen (as NO2)	myran	# 1.0		

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Test Report

Format No: QR/7.8/01	12	Test Report No : TC5885	24000004200F	Issue D	ate : 23-05-2024
ULR No : TC588524000004200F		Discipline : Chemical		Group	: Atmospheric Pollution
Customer's Name & Ad		rti Industries Ltd (Alchemi ot No902, Phase-III, GIDC		5, Dist.	- Valsad
Description of Sample	: Stack atta	ached to DCBH 2 scrubber	1		
Sampling By	: Prashant	Patel	Qty / Nos of S	ample	:1/1 No.
Date of Sampling	: 16-05-202	24	Packing / Sea	1	: Sealed
Sample Received Date	: 17-05-202	24	Protocol / Puŋ	pose	: Stack Gas Analysis
Date of Starting of Test	1		Date of Comp	letion	: 18-05-2024
Sampling Method	: WI/ST/A	5	Sample ID		:0524/ST04200
Duration Sampling	: 60 min.		Fuel		1-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	2.20		IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	135	-	IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01		Test Report No : ETL/	001783/24	and the second second	ate : 23-05-2024
ULR No: N.A.		Discipline : Chemical		Group	: Atmospheric Pollution
Customer's Name & Ac	Plo	rti Industries Ltd (Alcho t No902, Phase-III, GIE	DC Estate, Vapi- 396	6195, Dist.	- Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Prashant : 16-05-202 : 17-05-202	24 24	Qty / Nos Packing / Protocol / Date of Co Sample ID Fuel	Purpose ompletion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04200 : -

	TOT DUDANETED	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE	
S.NO.	TEST PARAMETER			-	SOP NoWI/ST/44-03	
4	VOC	mg/Nm ^a	BDL			

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm3)

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Test Report

Format No: QR/7.8/01 ULR No: TC588524000004201F		Test Report No : TC588524000004201F Discipline : Chemical		Issue Date : 23-05-2024	
				Group	Group : Atmospheric Pollution
Customer's Name & Ac	PI	arti Industries Ltd (Alch ot No902, Phase-III, G	IDC Estate, Vapi- 396	195, Dist.	- Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Prashant : 16-05-20 : 17-05-20	: Patel 24 24 24	USE Qty / Nos of Packing / S Protocol / F Date of Co Sample ID Fuel	eal Purpose mpletion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04201 : -

		UNIT RESULT		GPCB LIMIT	METHOD REFERENCE	
S.NO. TEST PARAMETER				IS 11255 (Part-3):2021		
1 .	Velocity	m/s	1.60		IS 11255 (Part-3):2008	
	Flow Rate	Nm³/hr	168	-		
-		mg/Nm ³	34.6	150	IS 11255 (Part-1):1985	
3	Particulate Matter (PM)	mg/ivin	04.0			

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Test Report

Format No : QR/7.8/01	Test Report No :	est Report No : ETL/000461/24 Issue Da		oate : 23-05-2024	
ILR No : N.A. Discipline : Chemica		nical	cal Group		
Customer's Name & Ad	Plot No902, Phase-II	I, GIDC Estate, Vapi- 39	6195, Dist.	- Valsad	
Description		Qty / Nos Packing / Protocol	/ Purpose completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04201 : -	

-	S.NO. TEST PARAMETER	UNIT RESULT		GPCB LIMIT	METHOD REFERENCE	
			BDL		SOP NoWI/ST/44-03	
4	VOC	mg/Nm ³	DDL			

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm3)

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Test Report

Format No : QR/7.8/01 ULR No : TC588524000004202F		Test Report No : TC588524000004202F Discipline : Chemical		Issue Date : 23-05-2024	
				Group	Group : Atmospheric Pollution
	PI	arti Industries Ltd (Alchemie ot No902, Phase-III, GIDC E	state, vapi- 390	195, Dist.	- Valsad
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	: Prashant : 16-05-20 : 17-05-20	24 24 24	Qty / Nos o Packing / S Protocol / F Date of Co Sample ID Fuel	eal Purpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04202 : -

		UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE	
S.NO.	TEST PARAMETER	UNIT	44		-	
1	Stack Height	m	11		IS 11255 (Part-3):2021	
		m/s	1.20	-		
2	Velocity		74		IS 11255 (Part-3):2008	
3	Flow Rate	Nm³/hr	14			

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 -ISO 9001 : 2015 INFORMATION INFORMATION
 -ISO 9001 : 2015 INFORMATION
 -ISO 45001 : 2018
 -ISO 45001 : 2018



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Test Report

Format No : QR/7.8/01	Test Report No	Test Report No. ETEloonowie		ssue Date : 23-05-2024 Group : Atmospheric Pollution	
ULR No: N.A.					
	Idress : Aarti Industries Lto Plot No902, Phase	-III, GIDC Estate, vapi- 3	96195, Dist. ·	- Valsad	
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / No Packing Protocol	/ Purpose Completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04202 : -	

			RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.	TEST PARAMETER	UNIT		Of OD LINE	SOP NoWI/ST/44-03
4 V0	00	mg/Nm ³	BDL		001 110. 1110

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm3)

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Test Report

Format No : QR/7.8/01		Test Report No: TC588524000004203F		Issue Date : 23-05-2024	
	LR No : TC588524000004203F Discipline : Chemical			Group : Atmospheric Polle	
	Ple	rti Industries Ltd (Alchemie ot No902, Phase-III, GIDC Es	Org. Ltd.) tate, Vapi- 3961	95, Dist. ·	- Valsad
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	Prashant 16-05-20 17-05-20	24 24	Qty / Nos of Packing / So Protocol / P Date of Cor Sample ID Fuel	eal urpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04203 : -

METHOD REFERENCE GPCB LIMIT RESULT UNIT TEST PARAMETER S.NO. 11 m Stack Height 1 IS 11255 (Part-3):2021 0.80 m/s 2 Velocity IS 11255 (Part-3):2008 49 _ Nm³/hr 3 Flow Rate IS 11255 (Part 2):1985 40 29.7 mg/Nm³ Sulphur Dioxide (SO2) 4 IS 11255 (Part 7) :2005 25 17.8 mg/Nm^a Oxides of Nitrogen (as NO2) 5

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Test Report

Format No : QR/7.8/01	Test Report N	lo: ETL/002174/24	Issue Date : 23-05-2024
ULR No : N.A.	Discipline : 0	Chemical	Group : Atmospheric Pollution
	ddress : Aarti Industries I Plot No902, Pha	se-III, GIDC Estate, vapi-	- 396195, Dist Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / P Packir Protoc Date c	Nos of Sample : 1 / 1 No. ng / Seal : Sealed col / Purpose : Stack Gas Analysis of Completion : 18-05-2024 le ID : 0524/ST04203 :-

RESULT TABLE

S.NO.	NO. TEST PARAMETER	UNIT RESULT		GPCB LIMIT	METHOD REFERENCE
	00	mg/Nm ^a	BDL	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

ULR No : TC588524000004204F Discipline : Chemical Group : Atmospheric Pollution Customer's Name & Address : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to DCBH-4 Scrubber Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sample : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04204	Format No : QR/7.8/01	ormat No : QR/7.8/01 Test Report No :		88524000004204F		ate: 23-05-2024
Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist Valsad Description of Sample : Stack attached to DCBH-4 Scrubber Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-05-2024 Packing / Seal : Sealed Sample Received Date : 17-05-2024 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-05-2024 Date of Completion : 18-05-2024 Sampling Method : WI/ST/A Sample ID : 0524/ST04204		0004204F	Discipline : Chemical		Group	: Atmospheric Pollution
Sampling By: Prashant PatelQty / Nos of Sample: 1 / 1 No.Date of Sampling: 16-05-2024Packing / Seal: SealedSample Received Date: 17-05-2024Protocol / Purpose: Stack Gas AnalysisDate of Starting of Test: 17-05-2024Date of Completion: 18-05-2024Sampling Method: WI/ST/ASample ID: 0524/ST04204		PI	ot No902, Phase-III, GII	DC Estate, Vapi- 396	195, Dist.	- Valsad
Duranteri Company	Sampling By Date of Sampling Sample Received Date Date of Starting of Test	: Prashant : 16-05-20 : 17-05-20 : 17-05-20 : WI/ST/A	Patel 24 24	Qty / Nos o Packing / S Protocol / F Date of Co Sample ID	eal Purpose mpletion	: Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04204

METHOD REFERENCE GPCB LIMIT RESULT TEST PARAMETER UNIT S.NO. 11 m Stack Height 1 IS 11255 (Part-3):2021 0.80 m/s Velocity 2 IS 11255 (Part-3):2008 50 Nm³/hr 3 Flow Rate

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Test Report

Format No : QR/7.8/01	Test Re	port No : ETL/001785/24	Issue D	ate : 23-05-2024
ULR No : N.A.	14 Mar 19 Mar	ine : Chemical	Group	Atmospheric Pollution
Customer's Name & Ac	Plot No902	tries Ltd (Alchemie Org. Ltd.) 2, Phase-III, GIDC Estate, Vapi- 3	96195, Dist.	- Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / No: Packing Protocol	/ Purpose Completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04204 : -

RESULT TABLE

	THE REPORTED	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.	TEST PARAMETER				SOP NoWI/ST/44-03
4	VOC	mg/Nm ³	BDL	-	

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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 -ISO 45001 : 2018

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Test Report

ormat No : QR/7.8/01		Test Report No : TC588524	Issue Date : 23-05-2024		
ULR No : TC58852400	Discipline : Chemical	11.15	Group	: Atmospheric Pollution	
Customer's Name & Ad	PI	urti Industries Ltd (Alchemie ot No902, Phase-III, GIDC E	Org. Ltd.) state, Vapi- 396	195, Dist.	- Valsad
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	: Prashant : 16-05-20 : 17-05-20	24 24 24	Qty / Nos o Packing / S Protocol / F Date of Co Sample ID Fuel	Seal Purpose mpletion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04205 : -

	TOT DADAMETED	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.	TEST PARAMETER	1.5.1.1.	44	-	-
1	Stack Height	m	11		IS 11255 (Part-3):2021
2	Velocity .	m/s	1.40	-	
-		Nm³/hr	86	-	IS 11255 (Part-3):2008
3	Flow Rate	14113 1111			

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Test Report

Format No : QR/7.8/01	Test Report N	o: ETL/000463/24	Issue D	Issue Date : 23-05-2024		
ULR No: N.A.	Discipline : C	chemical	Group :	Atmospheric Pollution		
Customer's Name & Ac		se-III, GIDC Estate, Vapi- 3	96195, Dist.	Valsad		
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / No Packing Protoco	/ Seal / Purpose Completion	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04205 : -		

RESULT TABLE

0.110	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
S.NO.		mg/Nm ³	9.20	-	USEPA (Part-0050)
4 H	CI	mg/mm	0.00		

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Test Report

Format No: QR/7.8/01	No: QR/7.8/01 Test Report No		t No : TC588524000002900F Is		Issue D	Issue Date : 16/04/2024	
ULR No : TC58852400	0002900F	Discipline : C	hemical		Group	: Atmospheric Pollution	
Customer's Name & Ad				nie Org. Ltd.) Estate, Vapi- 3961	95, Dist.	- Valsad	
Description of Sample	: Stack atta	ached to SFD Dr	yer				
Sampling By	: Vihang Pa	atel		Qty / Nos of	Sample	: 1 / 1 No.	
Date of Sampling	: 09/04/202	24		Packing / Se	eal	: Sealed	
Sample Received Date	: 10/04/202	24		Protocol / P	urpose	: Stack Gas Analysis	
Date of Starting of Test	: 10/04/202	24		Date of Con	pletion	: 11/04/2024	
Sampling Method	: WI/ST/A			Sample ID		:0424/ST02900	
Duration Sampling	: 60 min.			Fuel		2 -	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
2	Flow Rate	Nm³/hr	77376		IS 11255 (Part-3):2008
3	Particulate Matter (PM)	mg/Nm ³	64.0	150	IS 11255 (Part-1):1985
4	Carbon Dioxide (as CO2)	%	0.36	-	SOP No.WI/ST/10

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 «QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR
 «ISO 9001 : 2015 • ISO 14001 : 2015 • ISO 45001 : 2018



9

10

Hydrofluorocarbons

Sulphur hexafluoride

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Environmental Testing Laboratory

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Test Report

				Contraction of the second second second			
Format No : QR/7.8/01		Test Report	No: ETL/0012	57/24	Issue D	Date : 16/04/2024	
ULR	No: N.A.		Discipline :	Chemical		Group	: Atmospheric Pollution
Cust	omer's Name & A			to Audi Gitt name and	Org. Ltd.) tate, Vapi- 39619	95, Dist.	- Valsad
Desc	ription of Sample	: Stack att	tached to SFD D	Dryer	1		
Samp	ling By	: Vihang F	Patel		Qty / Nos of	Sample	:1/1No.
Date	of Sampling	: 09/04/20	24		Packing / Se	al	: Sealed
Sample Received Date : 10/04/202		24	54 	Protocol / Pu	rpose	; Stack Gas Analysis	
Date of Starting of Test : 10/04/202		24		Date of Com	pletion	: 11/04/2024	
Sampling Method : WI/ST/A			Sample ID			:0424/ST02900	
Duration Sampling : 60 min.				Fuel		1-	
				RESULT TABI	_E		
S.NO.	TEST PARA	METER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE
5	VOC		mg/Nm ^a	BDL	(#)		SOP NoWI/ST/44-03
6 Methane (as CH4)		%	BDL	543 L		GC Method	
7	Nitrous Oxide (N20))	ppm	BDL	-	¥	GC Method
8	Perfluorocarbons		ppm	BDL			GC Method

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³, Methane (as CH4)<0.1 %, Nitrous Oxide (N2O)<0.1 ppm, Perfluorocarbons<1 ppm, Hydrofluorocarbons<5 ppm, Sulphur hexafluoride<1 ppm)

BDL

BDL

.

ppm

ppm

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DHOF

GC Method

GC Method

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Test Report

Format No : QR/7.8/01 Te		Test Rep	ort No : T	C588524000002901F	Issue Date : 16/04/2024	
ULR No : TC58852400	00002901F	Discipline	e: Chem	ical	Group	: Atmospheric Pollution
Customer's Name & Ac				chemie Org. Ltd.) GIDC Estate, Vapi- 3961	95. Dist	- Valsad
Description of Sample	: Stack atta				0,0,0,0,0	i di oddi
Sampling By	: Vihang Pa	atel		Qty / Nos of	Sample	:1/1 No.
Date of Sampling	: 09/04/202	4		Packing / Se		: Sealed
Sample Received Date	: 10/04/202	4		Protocol / Pu	Irpose	: Stack Gas Analysis
Date of Starting of Test	: 10/04/202	4				: 11/04/2024
Sampling Method	: WI/ST/A			Sample ID		:0424/ST02901
Duration Sampling	: 30 min.			Fuel		· ·

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Velocity	m/s	2.20	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm ^a /hr	133		IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	17.9	25	IS 11255 (Part 7) :2005

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Test Report

Format No: QR/7.8/01	Test Report No : I	ETL/001258/24 Issue	Date: 16/04/2024	
ULR No: N.A.	Discipline : Chem	lical Group	: Atmospheric Pollution	
Customer's Name & Ad	dress : Aarti Industries Ltd (A Plot No902, Phase-III,	Ichemie Org. Ltd.) GIDC Estate, Vapi- 396195, Dist	- Valsad	
Description of Sample	: Stack attached to Reaction(Dia	zo) Vessels		
Sampling By	: Vihang Patel	Qty / Nos of Sample	:1/1 No.	
Date of Sampling	: 09/04/2024	Packing / Seal	: Sealed	
Sample Received Date	: 10/04/2024	Protocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 10/04/2024	Date of Completion	: 11/04/2024	
Sampling Method	: WI/ST/A	Sample ID	:0424/ST02901	
Duration Sampling	: 30 min.	Fuel	:-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
5	HCI	mg/Nm ³	15.30	20	USEPA (Part-0050)

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Test Report

Format No : QR/7.8/01	1 Test Report No : TC588		: TC5885	24000002902F Issue I		Date : 16/04/2024	
ULR No : TC58852400	00002902F				Group : Atmospheric Pollution		
Customer's Name & Ac				e Org. Ltd.) Estate, Vapi- 3961	95 Dist	- Valead	
Description of Sample	: Stack atta	iched to DCNB D	ecompositio	on Stack	00, 0101.	Vuldad	
Sampling By	: Vihang Pa			Qty / Nos of	Sample	:1/1 No.	
Date of Sampling	: 09/04/202			Packing / Se	al	: Sealed	
Sample Received Date	: 10/04/202	4		Protocol / Pu		: Stack Gas Analysis	
Date of Starting of Test	: 10/04/202	4		Date of Com	- CO	: 11/04/2024	
Sampling Method	: WI/ST/A			Sample ID	procion	: 0424/ST02902	
Duration Sampling	: 30 min.			Fuel		:-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	METHOD KEI EKENCE
2	Velocity	m/s	0.70	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	43	-	IS 11255 (Part-3):2008
4	Oxides of Nitrogen (as NO ₂)	mg/Nm ^a	23.9	25	IS 11255 (Part 7) :2005

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Test Report

1	Test Report No : TC588524000002	903F Issue	Issue Date : 16/04/2024 Group : Atmospheric Pollution	
00002903F	Discipline : Chemical			
ddress : Aa Plo	rti Industries Ltd (Alchemie Org. Ltd ot No902, Phase-III, GIDC Estate, Var	4.)		
: Stack atta	ched to DCBH 2 scrubber	pr 030180, Dist.	- vaisad	
: Vihang Pa : 09/04/202 : 10/04/202	Atel Qty / 4 Pack 4 Proto	king / Seal ocol / Purpose	: Sealed : Stack Gas Analysis	
Sampling Method : WI/ST/A Duration Sampling : 60 min.		ple ID	on : 11/04/2024 : 0424/ST02903 :-	
	00002903F ddress : Aa Plo : Stack atta : Vihang Pa : 09/04/202 : 10/04/202 : 10/04/202 : WI/ST/A	ODD002903F Discipline : Chemical ddress : Aarti Industries Ltd (Alchemie Org. Ltd Plot No902, Phase-III, GIDC Estate, Va : Stack attached to DCBH 2 scrubber : Vihang Patel : 09/04/2024 : 10/04/2024 : 10/04/2024 : WI/ST/A	00002903F Discipline : Chemical Group ddress : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist. Group : Stack attached to DCBH 2 scrubber Qty / Nos of Sample : 09/04/2024 Packing / Seal : 10/04/2024 Protocol / Purpose : WI/ST/A Sample ID	

O MO		1		ten Ban	
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
1	Stack Height		THEODET	GFCB LIMIT	METHOD REFERENCE
		m	11	-	
2	2 Velocity	m/s	1.00		-
2	2 Flow Data	1110	1.90	-	IS 11255 (Part-3):2021
	Flow Rate	Nm ³ /hr	115		
			110	-	IS 11255 (Part-3):2008

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Test Report

Format No: QR/7.8/01	Test Report No : E	TL/001627/24 Issue	Issue Date : 16/04/2024 Group : Atmospheric Pollution	
ULR No: N.A.	Discipline : Chem	ical Grou		
Customer's Name & Ad	the second	Ichemie Org. Ltd.) GIDC Estate, Vapi- 396195, Dis	- Valead	
Description of Sample	: Stack attached to DCBH 2 scru	ubber	vaisau	
Sampling By	: Vihang Patel	Qty / Nos of Sampl	e :1/1No.	
Date of Sampling	: 09/04/2024	Packing / Seal	: Sealed	
Sample Received Date	: 10/04/2024	Protocol / Purpose		
Date of Starting of Test	: 10/04/2024	Date of Completion		
Sampling Method	: WI/ST/A	Sample ID	: 0424/ST02903	
Duration Sampling	: 60 min.	Fuel	:-	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	VOC	mg/Nm ³	BDL	-	SOP NoWI/ST/44-03
lote : F	3DI - Below Detectable Limit (100 cd mathina)			30F N0VVI/31/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

Format No : QR/7.8/01		Test Report No : TC58852400000	02904F Issue	Issue Date : 16/04/2024	
ULR No: TC588524000002904F		Discipline : Chemical		Group : Atmospheric Pollution	
	ddress: Aa Plo	rti Industries Ltd (Alchemie Org. L ot No902, Phase-III, GIDC Estate, \	_td.)		
Description of Sample	: Stack atta	ched to DCBH Warehouse	rupi obu i oo, Dist	vaisad	
Sampling By	: Vihang Pa	atel Qt	y / Nos of Sample	:1/1No	
Date of Sampling	: 09/04/202	4 Pa	acking / Seal	: Sealed	
Sample Received Date : 10/04/202		4 Protocol / Pu		: Stack Gas Analysis	
Date of Starting of Test	: 10/04/202	1101000171	ate of Completion	: 11/04/2024	
Sampling Method	: WI/ST/A		imple ID	: 0424/ST02904	
Duration Sampling	: 60 min.	Fu		: 0424/3102904	
		RESULT TABLE			

S.NO. TEST PARAMETER UNIT RESULT **GPCB LIMIT** METHOD REFERENCE Velocity 1 m/s 1.50 -IS 11255 (Part-3):2021 2 Flow Rate Nm³/hr 161 -IS 11255 (Part-3):2008 Particulate Matter (PM) 3 mg/Nm³ 29.2 150 IS 11255 (Part-1):1985

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Test Report

Format No : QR/7.8/01	Test Report No : ET	TL/001259/24 Issu	sue Date : 16/04/2024 roup : Atmospheric Pollution	
ULR No: N.A.	Discipline : Chemi			
Customer's Name & Ac	Idress : Aarti Industries Ltd (Ald Plot No902, Phase-III, 0			
Description of Sample	: Stack attached to DCBH Wareh	ouse	st. = Valsad	
Sampling By	: Vihang Patel	Qty / Nos of Samp	le :1/1No	
Date of Sampling	: 09/04/2024	Packing / Seal		
Sample Received Date	: 10/04/2024	Protocol / Purpose		
Date of Starting of Test	: 10/04/2024	Date of Completion	: 11/04/2024	
Sampling Method	: WI/ST/A	Sample ID +	: 0424/ST02904	
Duration Sampling	: 60 min.	Fuel	:-	

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 VOC	mg/Nm ³	BDL		
ote · BDI ·- Below Detectable Limit /				SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

Format No: QR/7.8/01		Test Report No : TC588524000002905	C588524000002905F Issue	
LR No : TC588524000002905F Discipline : Chemical		Discipline : Chemical	Group	: Atmospheric Pollution
Customer's Name & Ade		rti Industries Ltd (Alchemie Org. Ltd.) ot No902, Phase-III, GIDC Estate, Vapi-3	396195 Dist	- Valead
Description of Sample	: Stack atta	iched to DCNB Distillation Scrubber	500 100, DISL	- vaisau
Sampling By	: Vihang Pa	atel Qtv / No	s of Sample	:1/1No
Date of Sampling	: 09/04/202		/ Seal	: Sealed
Sample Received Date	: 10/04/202			: Stack Gas Analysis
Date of Starting of Test			Completion	: 11/04/2024
	: WI/ST/A	Sample		: 0424/ST02905
Duration Sampling	: 60 min.	Fuel		:-

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	METHOD HEI ENENGE
2	Velocity	m/s	0.90		IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	55		IS 11255 (Part-3):2008
-					10 11200 (Part-3):2008

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Test Report

Format No : QR/7.8/01	Test Report No : E	TL/001628/24 Iss	ue Date : 16/04/2024
ULR No: N.A.	Discipline : Chemi	Discipline : Chemical Group	
Customer's Name & Ad	dress : Aarti Industries Ltd (Al Plot No902, Phase-III.	chemie Org. Ltd.) GIDC Estate, Vapi- 396195, D	Net - Valead
Description of Sample	: Stack attached to DCNB Distilla	tion Scrubber	Not Valsau
Sampling By	: Vihang Patel	Qty / Nos of Sam	ple :1/1No
Date of Sampling	: 09/04/2024	Packing / Seal	
Sample Received Date	: 10/04/2024	Protocol / Purpose	
Date of Starting of Test	te of Starting of Test : 10/04/2024		: 11/04/2024
	: WI/ST/A	Date of Completic Sample ID	: 0424/ST02905
Duration Sampling	: 60 min.	Fuel	-

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 VOC	mg/Nm ³	BDL		SOP NoWI/ST/44-03

ote : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

		Diselell of the		Issue I	sue Date : 16/04/2024	
				Group : Atmospheric Pollution		
Customer's Name & Ad		rti Industries Ltd (Alchemie ot No902, Phase-III, GIDC Es		95 Diet	Voland	
Description of Sample	: Stack atta	ched to HCI yard scrubber	tato, vapr 00010	o, Dist.	* vaisau	
Sampling By	: Vihang Pa		Qty / Nos of S	Sample	:1/1No	
Date of Sampling	: 09/04/202	4	Packing / Sea		: Sealed	
Sample Received Date	: 10/04/202	4	Protocol / Pu		: Stack Gas Analysis	
Date of Starting of Test			Date of Com		: 11/04/2024	
그가 이 것 같은 물건이 가 있는 것이 하는 것 같아.	: WI/ST/A		Sample ID	piedoli	: 0424/ST02906	
	: 60 min.		Fuel		:-	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		METHOD REPERENCE
2	Velocity	m/s	0.60		10 (1055 (0) 10) 000
3	Flow Rate	Nm³/hr	38		IS 11255 (Part-3):2021
4	Sulphur Dioxide (SOz)	mg/Nm ³	26.7	. 40	IS 11255 (Part-3):2008
	Oxides of Nitrogen (as NO2)	mg/Nm ³	20.2		IS 11255 (Part 2):1985
	gen (as not)	ing/Nin	20.2	25	IS 11255 (Part 7) :2005

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Test Report

iscipline : Chemicai Industries Ltd (Alchemie o902, Phase-III, GIDC Es	Gr Org. Ltd.)	sue Date: 16/04/2024 roup:Atmospheric Pollution
Industries Ltd (Alchemie o902, Phase-III, GIDC Es	Org. Ltd.)	
	state, Vapi- 396195	Dist - Valsad
ed to HCI yard scrubber		sist - valadu
	Qtv / Nos of Sam	aple :1/1No
	집 같은 것은 것이 가지 않는 것이 같이 많이 했다.	
Sample IL Fuel		: 0424/ST02906 : -
		Qty / Nos of Sam Packing / Seal Protocol / Purpos Date of Completi Sample ID

JLT GPCB LIMIT METHOD REFERENCE
L - SOP NoWI/ST/44-03
2

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

Format No: QR/7.8/0	1	Test Report No : TC588524000002907F	Issue	Date : 16/04/2024	
ULR No: TC588524000002907F		Discipline : Chemical		Group : Atmospheric Pollution	
Customer's Name & A	Plo	rti Industries Ltd (Alchemie Org. Ltd.) of No902, Phase-III, GIDC Estate, Vapi- 396 oched to DCBH-4 Scrubber	10 m		
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method	: Vihang Pa : 09/04/202 : 10/04/202	4 Qty / Nos of Packing / S 4 Protocol / F	Seal Purpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 11/04/2024 : 0424/ST02907	

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
1	Stack Height	m	44	GFCB LIMIT	METHOD REFERENCE
	Velocity		11	-	-
		m/s	1.10		IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	66		
			00	-	IS 11255 (Part-3):2008

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



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Test Report

Format No: QR/7.8/01	Test Report No : ETI	Test Report No : ETL/001260/24 Issue		
ULR No: N.A.	Discipline : Chemica	al Grou	oup : Atmospheric Pollution	
	dress : Aarti Industries Ltd (Alch Plot No902, Phase-III, Gi	nemie Org. Ltd.) IDC Estate, Vapi- 396195, Dist	- Valsad	
Description of Sample	: Stack attached to DCBH-4 Scrub	ber	· · · · · · · · · · · · · · · · · · ·	
Sampling By	: Vihang Patel	Qty / Nos of Sample	:1/1No	
Date of Sampling	: 09/04/2024	Packing / Seal	: Sealed	
Sample Received Date	: 10/04/2024	Protocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 10/04/2024	Date of Completion		
Sampling Method	: WI/ST/A	Sample ID	: 0424/ST02907	
Duration Sampling	: 60 min.	Fuel	:-	

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 VOC	mg/Nm ³	BDL	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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Test Report

Format No: QR/7.8/01		Test Report No : TC588524000002908F		Issue Date : 16/04/2024		
ULR No : TC588524000002908F Discipline : Chemical				Group : Atmospheric Pollution		
Customer's Name & Ad		rti Industries Ltd (Alchemie Org. ot No902, Phase-III, GIDC Estate,		Dist Valsad		
Description of Sample		ached to DCBH-3 Scrubber				
Sampling By	: Vihang Pa	atel C	ty / Nos of Sam	ple :1/1 No.		
Date of Sampling	: 09/04/202		acking / Seal			
Sample Received Date	: 10/04/202		rotocol / Purpos			
Date of Starting of Test	: 10/04/202		ate of Completi			
Sampling Method	: WI/ST/A		ample ID	: 0424/ST02908		
Duration Sampling	: 60 min.		uel	2-		
		RESULT TABLE				

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	
2	Velocity	m/s	1.60	-	IS 11255 (Part-3):2021
3	Flow Rate	Nm³/hr	97		IS 11255 (Part-3):2008

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Test Report

Format No : QR/7.8/01	Test Report No : ET	Test Report No : ETL/001643/24 Issue Discipline : Chemical Group	
ULR No: N.A.	Discipline : Chemic		
Customer's Name & Ad	dress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G	hemie Org. Ltd.) IDC Estate, Vapi- 396195,	Dist - Valead
Description of Sample	: Stack attached to DCBH-3 Scrub	ber	Dist Valsau
Sampling By	: Vihang Patel	Qty / Nos of San	nole :1/1No
Date of Sampling	: 09/04/2024	Packing / Seal	
Sample Received Date	: 10/04/2024	Protocol / Purpo	
Date of Starting of Test	: 10/04/2024	Date of Complet	
Sampling Method	: WI/ST/A	Sample ID	: 0424/ST02908
Duration Sampling	: 60 mìn.	Fuel	:-

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4 HCI	mg/Nm ³	8.30	20	USEPA (Part-0050)

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TEST REPORT

Test Report No.: EP/AILAL/0924/F02 Issue Date: 20 / 09 / 24

Description of Sample	12	Plant Area	Quantity/No. of Sample	st	1/1 No.
Sampling By	1	Mr Vihang Patel	Packing/Seal	÷	Sealed
Date of Sampling	1	12/09/24		3	
Sample Received Date	1	13 / 09 / 24	Protocol (purpose)		Fugitive emission
Date of Starting of Test	:	13/09/24	Sample ID		0924/F02
Sampling Method	1	SOP/EP/D		1	

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	μg/m ³	N.T
2.	Xylene	μg/m ³	N.T
3.	Acetone	μg/m ³	4.2
4.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable

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TEST REPORT

Test Report No.: EP/AIL	AL/	0924/F01	Issue Date: 20 / 09 / 24			
Customer's Name & Addr	ess:	Aarti Industries Ltd (A Plot No902, Phase-III	Alchemie Org. Ltd.) , GIDC Estate, Vapi- 396195, Di	et	Valead	
Description of Sample	1	Storage Area	Quantity/No. of Sample	1	1/1 No.	
Sampling By	:	Mr Vihang Patel	Packing/Seal	1	Sealed	
Date of Sampling	1	12/09/24		1		
Sample Received Date	:	13 / 09 / 24	Protocol (purpose)	12.5	Fugitive emission	
Date of Starting of Test	i	13 / 09 / 24	Sample ID	1	0924/F01	
Sampling Method	13	SOP/EP/D		E		

RESULT TABLE

R. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	μg/m ³	N.T
2.	Hydro Chloride Vapor (HCI)	μg/m ³	3.2
3.	Formaldehyde	μg/m ³	N.T

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TEST REPORT

Test Report No.: EPIAILA	12/1	1024/FU1	ISSUE Date. ETT COT ET			
Customer's Name & Addre	ess:	Aarti Industries Ltd (Al Plot No902, Phase-III,	Ichemie Org. Ltd.) GIDC Estate, Vapi- 396195, Di	st	Valsad.	
Description of Sample	1	Storage Area	Quantity/No. of Sample	1	1/1 No.	
Sampling By	:	Nikunj Vaghasiya	Packing/Seal		Sealed	
Date of Sampling	:	14/08/24				
Sample Received Date	:	15/08/24	Protocol (purpose)	1.8	Fugitive emission	
Date of Starting of Test	:	15 / 08 / 24	Sample ID	1	0824/F01	
Sampling Method	:	SOP/EP/D				

Jesua Date: 21/08/24

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	μg/m ³	N.T
2.	Hydro Chloride Vapor (HCl)	μg/m ³	3.4
3.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0824/F02	Issue Date: 21 / 08 / 24

Description of Sample		Plant Area	Quantity/No. of Sample	12	1/1 No.
Sampling By	:	Nikunj Vaghasiya	Packing/Seal		Sealed
Date of Sampling	:	14/08/24		1	
Sample Received Date	:	15/08/24	Protocol (purpose)	1	Fugitive emission
Date of Starting of Test	:	15/08/24	Sample ID	1	0824/F02
Sampling Method	1:	SOP/EP/D			

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	μg/m ³	N.T
2.	Xylene	μg/m³	N.T
3.	Acetone	μg/m ³	4.6
4.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable

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TEST REPORT

Test Report No.: EP/AILAL/0724/F01 Issue Date: 19 / 07 / 24

Description of Sample	1.5	Storage Area	GIDC Estate, Vapi- 396195, Di	SL		
Sampling By Date of Sampling	+		Quantity/No. of Sample	12	1/1 No.	
	1.2	Nikunj Vaghasiya	Packing/Seal	1	Sealed	
		12/07/24		3		
Sample Received	1	13/07/24	Protocol (purpose)	+	Fugitive emission	
Date of Starting of				11	. aginve emission	
Test	1	13/07/24	Sample ID		0724/F01	
Sampling Method	:	SOP/EP/D				

RESULT TABLE

µg/m ³	N.T	
	3.0	
	N.T	
	μg/m ³ μg/m ³	

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TEST REPORT

Test Report No.: EP/AILAL/0724/F02 Issue Date: 19 / 07 / 24

		s: Aarti Industries Ltd (A Plot No902, Phase-III,	GIDC Estate, Vapi- 396195, Di	et .	Valead
Description of Sample	1:	Plant Area	Quantity/No. of Sample	1.	
Sampling By	1 :	Nikunj Vaghasiya	Packing/Seal	+-	1 / 1 No. Sealed
Date of Sampling	-		Protocol (purpose)		Fugitive emission
	10	12/07/24			
Sample Received Date		13 / 07 / 24			
Date of Starting of					0
Test	3	13 / 07 / 24 Sample ID	Sample ID		0724/F02
Sampling Method		SOP/EP/D		1	

RESULT TABLE

SR.			
NO.	PARAMETERS	UNIT	RESULT
1.	Toluene		
2.	Xylene	μg/m ³	N.T
3.	Acetone	μg/m ³	N.T
4.	Formaldehyde	μg/m ³	4.0
ote: N.	L: Not Traceable	μg/m ³	N.T

Note. N.T.: Not Traceable,

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TEST REPORT

Test Report No.: EP/AILAL/0624/F01 Issue Date: 02 / 07 / 24

Description of Sample	1:	Storage Area	Quantity/No. of Sample	1:	1/1 No.
Sampling By	:	Nikunj Vaghasiya	Packing/Seal		Sealed
Date of Sampling	:	25 / 06 / 24			
Sample Received Date	:	26 / 06 / 24	Protocol (purpose)	:	Fugitive emission
Date of Starting of Test	:	26 / 06 / 24	Sample ID		0624/F01
Sampling Method	1	SOP/EP/D			

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	μg/m ³	N.T
2.	Hydro Chloride Vapor (HCI)	μg/m ³	2.5
3.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0624/F02 Issue Date: 02 / 07 / 24

Description of Sample	1:	Plant Area	Quantity/No. of Sample	10	1/1 No.
Sampling By	:	Nikunj Vaghasiya	Packing/Seal		Sealed
Date of Sampling	:	25 / 06 / 24			
Sample Received	:	26 / 06 / 24	Protocol (purpose)	-	Fugitive emission
Date of Starting of Test	:	26 / 06 / 24	Sample ID	1	0624/F02
Sampling Method	:	SOP/EP/D			

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	μg/m ³	N.T
2.	Xylene	μg/m ³	N.T
3.	Acetone	μg/m³	3.2
4.	Formaldehyde	μg/m ³	N.T

Note: N.T .: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0524/F01

Issue Date: 23 / 05 / 24

Customer's Name & Add	ress	: Aarti Industries Ltd (Plot No902, Phase-II	Alchemie Org. Ltd.) I, GIDC Estate, Vapi- 396195, Dis	st	Valsad.	
Description of Sample	1:	Storage Area	Quantity/No. of Sample	1	1/1 No.	
Sampling By	:	Prashant Patel	Packing/Seal		Sealed	
Date of Sampling	:	16/05/24				
Sample Received	:	17/05/24	Protocol (purpose)	đ	Fugitive emission	
Date of Starting of Test	:	17 / 05 / 24	Sample ID	:	0524/F01	
Sampling Method	:	SOP/EP/D				_

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	µg/m³	N.T
2.	Hydro Chloride Vapor (HCl)	μg/m³	1.9
3.	Formaldehyde	μg/m³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0524/F02 Issue Date: 23 / 05 / 24

Customer's Name & Address: Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample	1:	Plant Area	Quantity/No. of Sample	1:	1/1 No.
Sampling By	:	Prashant Patel	Packing/Seal		Sealed
Date of Sampling	12	16/05/24			
Sample Received Date	:	17/05/24	Protocol (purpose)	:	Fugitive emission
Date of Starting of Test	:	17/05/24	Sample ID	:	0524/F02
Sampling Method	:	SOP/EP/D			

RESULT TABLE

SR. NO.	PARAMETERS	. UNIT	RESULT	
1.	Toluene	μg/m ³	N.T	
2.	Xylene	μg/m ³	N.T	
3.	Acetone	μg/m ³	4.2	
4.	Formaldehyde	μg/m ³	N.T	

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0424/F01

Issue Date: 16 / 04 / 24

ustomer's Name & Add	ress	Plot No902. Phase-I	(Alchemie Org. Ltd.) II, GIDC Estate, Vapi- 396195, Dis	st	Valsad.	
Description of Sample	1.1	Storage Area	Quantity/No. of Sample	1	1/1 No.	
Sampling By	:	Vihang Patel	Packing/Seal		Sealed	
Date of Sampling	1:	09 / 04 / 24				
Sample Received	:	10 / 04 / 24	Protocol (purpose)	:	Fugitive emission	
Date of Starting of Test	ł	10 / 04 / 24	Sample ID	3	0424/F01	
Sampling Method	1	SOP/EP/D				

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Sulphuric Acid (H ₂ SO ₄)	μg/m ³	N.T
2.	Hydro Chloride Vapor (HCI)	μg/m ³	3.2
3.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable.

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TEST REPORT

Test Report No.: EP/AILAL/0424/F02 Issue Date: 16 / 04 / 24

			II, GIDC Estate, Vapi- 396195, Dis			
Description of Sample	:	Plant Area	Quantity/No. of Sample	1.0	1/1 No.	
Sampling By	:	Vihang Patel	Packing/Seal	1.65	Sealed	
Date of Sampling	:	09 / 04 / 24				
Sample Received	:	10 / 04 / 24	Protocol (purpose)	:	Fugitive emission	
Date of Starting of Test	:	10 / 04 / 24	Sample ID	3	0424/F01	
Sampling Method	:	SOP/EP/D				

RESULT TABLE

SR. NO.	PARAMETERS	UNIT	RESULT
1.	Toluene	μg/m ³	N.T
2.	Xylene	μg/m ³	N.T
3.	Acetone	μg/m ³	2.9
4.	Formaldehyde	μg/m ³	N.T

Note: N.T.: Not Traceable.

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Test Report

Format No : QR/7.8/01	Test Report	Test Report No : TC588524000002898F Discipline : Chemical			Issue Date : 16/04/2024 Group : Atmospheric Pollution		
ULR No : TC588524000002898	Discipline :						
Customer's Name & Address : //	Aarti Industries Plot No902, Pha			95, Dist.	- Valsad		
Description of Sample : Stack a	ttached to DG 75	50 KVA -I					
Sampling By : Vihang	Patel		Qty / Nos of	Sample	:1/1No.		
Date of Sampling : 09/04/2			Packing / Se	5.3			
Sample Received Date : 10/04/2	024	Protocol / Purpo		urpose	: Stack Gas Analysis		
Date of Starting of Test : 10/04/2	024		Date of Com	pletion	: 11/04/2024		
Sampling Method : WI/ST//	4		Sample ID		:0424/ST02898		
Duration Sampling ; 60 min.			Fuel		: Diesel		
		RESULT TAB	LE				
S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE		
1 Stack Height	m	17	-		-		
2 Stack Diameter	m	0.35	-		-		
3 StackTemperature	°C	144	-		IS 11255 (Part-3):2021		
4 Velocity	m/s	5.50	-	1	IS 11255 (Part-3):2021		
5 Flow Rate	Nm³/hr	1446	-		IS 11255 (Part-3):2008		
6 Particulate Matter (PM)	mg/Nm ³	70.1	150		IS 11255 (Part-1):1985		
7 Sulphur Dioxide (SO2)	ppm	29.0	100		IS 11255 (Part-2):1985		

33.8

ppm

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IS 11255 (Part-7):2005

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Oxides of Nitrogen (as NO2)

8



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Test Report

Format No: QR/7.8/01	Test Report No :	Test Report No : ETL/001256/24 Issue D	
LR No : N.A. Discipline : Chemical Group			oup : Atmospheric Pollution
Customer's Name & Ad	dress : Aarti Industries Ltd (/ Plot No902, Phase-III	Alchemie Org. Ltd.) I, GIDC Estate, Vapi- 396195, I	Dist Valsad
Description of Sample	: Stack attached to DG 750 KV	A -I	
Sampling By	: Vihang Patel	Qty / Nos of Sam	ple :1/1 No.
Date of Sampling	: 09/04/2024	Packing / Seal	: Sealed
Sample Received Date	: 10/04/2024	Protocol / Purpos	e : Stack Gas Analysis
Date of Starting of Test	: 10/04/2024	Date of Completi	on : 11/04/2024
Sampling Method	: WI/ST/A	Sample ID	:0424/ST02898
Duration Sampling	: 60 min.	Fuel	: Diesel

.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9 VOC	mg/Nm ³	BDL	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm3)

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Page 2 of 2

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

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Test Report

Format M	lo: QR/7.8/01	Test Report No : TC588524000002899F Discipline : Chemical			Issue Date : 16/04/2024 Group : Atmospheric Pollution		
ULR No :	TC588524000002899F						
Custome	er's Name & Address : Aa Plo			Org. Ltd.) state, Vapi- 396195	, Dist Vals	ad	
Description	on of Sample : Stack atta	ached to DG 75	50 KVA -II				
Sampling	By : Vihang Pa	atel		Qty / Nos of Sa	ample :1/	1 No.	
Date of S	ampling : 09/04/202	24	Packing / Seal	1.1			
Sample F	Received Date : 10/04/202	24		Protocol / Purp		ck Gas Analysis	
Date of S	starting of Test : 10/04/202	24		Date of Compl			
Sampling	Method : WI/ST/A			Sample ID		4/ST02899	
Duration	Sampling : 60 min.			Fuel	: Die		
			RESULT TAB	LE			
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METH	HOD REFERENCE	
1 Sta	ck Height	m	17	-		21	
2 Sta	ck Diameter	m	0.35				
3 Sta	ckTemperature	°C	118	-	IS 11	1255 (Part-3):2021	
4 Vel	ocity	m/s	6.40	1		1255 (Part-3):2021	
5 Flow	w Rate	Nm³/hr	1659	-		1255 (Part-3):2008	
	ticulate Matter (PM)	mg/Nm ³	65.5	150	IS 11255 (Part-1):1		
	phur Dioxide (SO2)	ppm	37.7	100	IS 11	255 (Part-2):1985	
8 Oxi	des of Nitrogen (as NO2)	ppm	19.2	50	IS 11	255 (Part-7):2005	

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 ISO 9001 : 2015 · ISO 14001 : 2015 · ISO 45001 : 2018



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Test Report

Format No: QR/7.8/01	Test Report No :	ssue Date : 16/04/2024	
ULR No: N.A.	Discipline : Cher	mical Gro	oup : Atmospheric Pollution
Customer's Name & Ac	Idress : Aarti Industries Ltd (Plot No902, Phase-II	Alchemie Org. Ltd.) I, GIDC Estate, Vapi- 396195, D	Dist Valsad
Description of Sample	: Stack attached to DG 750 KV	/A -II	
Sampling By	: Vihang Patel	Qty / Nos of Sam	ple :1/1No.
Date of Sampling	: 09/04/2024	Packing / Seal	: Sealed
Sample Received Date	: 10/04/2024	Protocol / Purpos	e ; Stack Gas Analysis
Date of Starting of Test	: 10/04/2024	Date of Completi	on : 11/04/2024
Sampling Method	: WI/ST/A	Sample ID	:0424/ST02899
Duration Sampling	: 60 min.	Fuel	: Diesel

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	VOC	mg/Nm ^a	BDL	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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 OUT - SOUTH -

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8

Oxides of Nitrogen (as NO₂)

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Test Report

Format No : QR/7.8/01 Test Report			lo: TC588524000004195F		Issue Date : 23-05-2024	
	lo: TC588524000004195F	Discipline : Chemical		1.11	Group : Atmospheric Pollution	
	omer's Name & Address : Aa		se-III, GIDC Es	Org. Ltd.) state, Vapi- 3961	95, Dist.	- Valsad
Samp Date Samp Date Samp	iption of Sample: Stack attackbling By: Prashantof Sampling: 16-05-20ble Received Date: 17-05-20of Starting of Test: 17-05-20bling Method: WI/ST/Ation Sampling: 60 min.	24 24	0 KVA -I	Qty / Nos of Packing / Se Protocol / P Date of Con Sample ID Fuel	eal urpose	: Sealed : Stack Gas Analysis
12000			RESULT TAB	LE	1	
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	t i	METHOD REFERENCE
1	Stack Height	m	17	-		+
2	Stack Diameter	m	0.35	-		-
3	StackTemperature	°C	130	-		IS 11255 (Part-3):2021
4	Velocity	m/s ·	7.40			IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	1839	-		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ^a	74.4	150		IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO ₂)	ppm	25.0	100		IS 11255 (Part-2):1985
				50		

21.5

50

ppm

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IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report	rt No: ETL/001780/24		ate : 23-05-2024		
ULR No : N.A.	Discipline	: Chemical	Group	Group : Atmospheric Pollution		
	Plot No902, P	es Ltd (Alchemie Org. Ltd.) Phase-III, GIDC Estate, Vapi	- 396195, Dist.	- Valsad		
Description of Sample Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling		Qty / I Packi Proto Date Samp Fuel	Nos of Sample ng / Seal col / Purpose of Completion ble ID	: 1 / 1 No. : Sealed : Stack Gas Analysis : 18-05-2024 : 0524/ST04195 : Diesel		
		RESULT TABLE				

		111117	RESULT	GPCB LIMIT	METHOD REFERENCE	
S.NO.	TEST PARAMETER	UNIT		0100	SOP NoWI/ST/44-03	
9 VO	C	mg/Nm ³	BDL		00.101.101	

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm^a)

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- iR. (DHA)

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Test Report

Format N	lo : QR/7.8/01	Test Report N	o: TC5885240	000004196F	Jssue Date : 23-05-2024
	TC588524000004196F	Discipline : C		Group : Atmospheric Pollution	
	er's Name & Address : Aa	ot No902, Phas	se-III, GIDC Es	O rg. Ltd.) tate, Vapi- 3961	95, Dist Valsad
Sampling Date of S Sample I Date of S Sampling		24 24 24	J KVX-11	Qty / Nos of Packing / Se Protocol / P Date of Con Sample ID Fuel	eal : Sealed urpose : Stack Gas Analysis
			RESULT TAB	LE	
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
Construction of the second	ack Height	m	17	-	
	ack Diameter	m	0.35	-	10 44255 (Part 2):2021
	ackTemperature	. °C	122		IS 11255 (Part-3):2021 IS 11255 (Part-3):2021
	elocity	m/s	6.00	-	IS 11255 (Part-3):2008
	ow Rate	Nm³/hr	1527		IS 11255 (Part-1):1985
	articulate Matter (PM)	mg/Nm ³	69.7	150	IS 11255 (Part-2):1985
	ulphur Dioxide (SO2)	ppm	30.4	100	IS 11255 (Part-7):2005
	xides of Nitrogen (as NO ₂)	ppm	13.1	50	10 11200 (1 4101) 11000

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Test Report

Description of Sample: Stack atSampling By: PrashanDate of Sampling: 16-05-2	lot No902, Phase-III, GIDC Es	Org. Ltd.)	- Valsad
P Description of Sample : Stack at Sampling By : Prashan Date of Sampling : 16-05-2	lot No902, Phase-III, GIDC Es	Org. Ltd.) state, Vapi- 396195, Dist	Valsad
Sampling By : Prashan Date of Sampling : 16-05-2	DO 750 1/1/1		
Sample Received Date : 17-05-2 Date of Starting of Test : 17-05-2 Sampling Method : WI/ST/A Duration Sampling : 60 min.	nt Patel 024 024 024 024 A	Qty / Nos of Sample Packing / Seal Protocol / Purpose Date of Completion Sample ID Fuel	: Sealed : Stack Gas Analysis

	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
Ontor		BDL		SOP NoWI/ST/44-03	
9 V	/0C	mg/Nm ³	DDC		

Note : BDL :- Below Detectable Limit (VOC<1 mg/Nm³)

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6

7

8

Particulate Matter (PM)

Sulphur Dioxide (SO₂)

Oxides of Nitrogen (as NO2)

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Test Report

Format No: QR/7.8/01		Test Report	Test Report No : TC588524000006066F			Issue Date : 02-07-2024	
ULR	No: TC58852400	Discipline :	Discipline : Chemical			Group : Atmospheric Pollution	
Cust	tomer's Name & Ac	ldress : Aa Plo	rti Industries ot No902, Ph	Ltd (Alchemie ase-III, GIDC Es	Org. Ltd .) state, Vapi- 3961!	95 Dist	- Valead
Desc	ription of Sample	: Stack atta	ached to DG 7	50 KVA -I		00, 0131.	- vaisau
Sampling ByNikunj VaDate of Sampling: 25-06-202Sample Received Date: 26-06-202Date of Starting of Test: 26-06-202Sampling Method: WI/ST/ADuration Sampling: 60 min.			ghasiyaQty / Nos24Packing24Protocol24Date of C24Sample I		Qty / Nos of Packing / Se Protocol / Pu Date of Com Sample ID Fuel	al irpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 27-06-2024 : 0624/ST06066 : Diesel
				RESULT TABL	.E		
S.NO.	TEST PARAN	ETER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE
1	Stack Height		m	17			·
2	Stack Diameter		m	0.35			
3	StackTemperature		°C	125	147		IS 11255 (Part-3):2021
4	Velocity		m/s	7.00		1	IS 11255 (Part-3):2021
5	Flow Rate		Nm³/hr	1770			IS 11255 (Part-3):2008

72.9

28.4

21.1

150

100

50

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1 4 100-01

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IS 11255 (Part-1):1985

IS 11255 (Part-2):1985

IS 11255 (Part-7):2005

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mg/Nm³

ppm

ppm

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Test Report

Format No : QR/7.8/01	No: QR/7.8/01 Test Report No: ETL/002814/2		/002814/24	Issue Date : 02-07-2024		
ULR No: N.A.		Discipline : Chemica		_	p : Atmospheric Pollution	
Customer's Name & Ac		arti Industries Ltd (Alch ot No902, Phase-III, GII	emie Org. Ltd.)			
Description of Sample	: Stack atta	ached to DG 750 KVA -I		, Dist.	valsau	
Sampling By	: Nikunj Va	ighasiya	Qty / Nos of Sa	mole	: 1 / 1 No.	
Date of Sampling	: 25-06-20		Packing / Seal		: Sealed	
Sample Received Date	: 26-06-20	24	Protocol / Purp		: Stack Gas Analysis	
Date of Starting of Test			Date of Comple		: 27-06-2024	
Sampling Method	: WI/ST/A		Sample ID		: 0624/ST06066	
Duration Sampling	: 60 min.		Fuel		: Diesel	
		RESULT	TABLE			

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9 VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No: QR/7.8/01		Test Report No: TC588524000006067F		Issue Date : 02-07-2024	
0006067F	Discipline : Chemical	Group : Atmospheric Pollution			
			95, Dist.	- Valsad	
: Stack atta	iched to DG 750 KVA -II				
: Nikunj Va	ghasiya	Qty / Nos of	Sample	: 1 / 1 No.	
: 25-06-202	24		1997 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 -	: Sealed	
: 26-06-202	24			: Stack Gas Analysis	
: 26-06-202	24	Date of Con	pletion	: 27-06-2024	
: WI/ST/A		Sample ID	사내는 것	:0624/ST06067	
: 60 min.		Fuel		: Diesel	
	dress : Aa Plo : Stack atta : Nikunj Va : 25-06-202 : 26-06-202 : 26-06-202 : WI/ST/A	dress : Aarti Industries Ltd (Alchem Plot No902, Phase-III, GIDC : Stack attached to DG 750 KVA -II : Nikunj Vaghasiya : 25-06-2024 : 26-06-2024 : 26-06-2024 : WI/ST/A	dress : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 3961 : Stack attached to DG 750 KVA -II : Nikunj Vaghasiya : 25-06-2024 : 26-06-2024 : 26-06-2024 : WI/ST/A Date of Com Sample ID	dress : Aarti Industries Ltd (Alchemie Org. Ltd.) Plot No902, Phase-III, GIDC Estate, Vapi- 396195, Dist. : Stack attached to DG 750 KVA -II : Nikunj Vaghasiya : 25-06-2024 : 26-06-2024 : 26-06-2024 : 26-06-2024 : 26-06-2024 : 26-06-2024 : 26-06-2024 : WI/ST/A	

S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE 1 Stack Height 17 m --Stack Diameter 2 0.35 m -.... 3 StackTemperature °C 136 IS 11255 (Part-3):2021 4 Velocity 6.20 IS 11255 (Part-3):2021 m/s 5 Flow Rate Nm³/hr 1521 IS 11255 (Part-3):2008 6 Particulate Matter (PM) mg/Nm³ 62.7 IS 11255 (Part-1):1985 150 7 Sulphur Dioxide (SO2) ppm 31.2 100 IS 11255 (Part-2):1985 8 Oxides of Nitrogen (as NO2) 13.4 ppm 50 IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01 1		Test Report No : ETL/002815/24 Issue		Date : 02-07-2024	
ULR No: N.A.	R No : N.A. Discipline : Chemica		Group	: Atmospheric Pollution	
Customer's Name & Ac		stries Ltd (Alchemie Org. Ltd.) 02, Phase-III, GIDC Estate, Vapi- 3	96195. Dist	- Valsad	
Description of Sample	: Stack attached t	DG 750 KVA -II			
Sampling By	: Nikunj Vaghasiya	Qty / No	s of Sample	:1/1 No.	
Date of Sampling	: 25-06-2024		/ Seal	: Sealed	
Sample Received Date	: 26-06-2024		/ Purpose	: Stack Gas Analysis	
Date of Starting of Test	: 26-06-2024		Completion	: 27-06-2024	
Sampling Method	: WI/ST/A	Sample		: 0624/ST06067	
Duration Sampling	ration Sampling : 60 min.			: Diesel	

	ST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9 VOC		mg/Nm ³	BDL(<1)		SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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

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Chintan Desai (TM)

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Test Report

Format No: QR/7.8/0	1	Test Renou	t No : TOFODEO	10000000000	-	10 00	
UIDNA TOFOTO		Test Report No : TC588524000006690F Discipline : Chemical			Issue Date : 19-07-2024 Group : Atmospheric Pollution		
ULR No : TC5885240	000006690F						
Customer's Name & A Description of Sample	Pk	ot No902, Pl	hase-III, GIDC Es	Org. Ltd.) state, Vapi- 3961			
것님 ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^	: Stack atta	ached to DG	750 KVA -I				
Sampling By Date of Sampling Sample Received Date Date of Starting of Test Sampling Method Duration Sampling	Nikunj Va 12-07-202 13-07-202 13-07-202 13-07-202 WI/ST/A 60 min.	24 24		Qty / Nos of Packing / Se Protocol / Pr Date of Com Sample ID Fuel	eal urpose	: 1 / 1 No. : Sealed : Stack Gas Analysis : 15-07-2024 : 0724/ST06690 : Diesel	
			RESULT TABL	E			
NO. TEST PARA	METER	UNIT	RESULT	GPCB LIMIT		NETUOD DESERVICE	
1 Stack Height		m	17			METHOD REFERENCE	
2 Obrah Di							

ak Height		4.7		METHOD HEI ERENGE
sk Diamatas		17	1.5	
	m	0.35	-	
kTemperature	°C	120		-
icity				IS 11255 (Part-3):2021
	m/s	6.40	-	IS 11255 (Part-3):2021
v Rate	Nm ³ /hr	1588		
iculate Matter (DM)			-	IS 11255 (Part-3):2008
	mg/Nm ^a	74.4	150	IS 11255 (Part-1):1985
hur Dioxide (SO2)	mag	33.9	100	
es of Nitrogen (as NO.)		10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	100	IS 11255 (Part-2):1985
de of Hubgen (de 1402)	ppm	26.3	50	IS 11255 (Part-7):2005
	k Height k Diameter kTemperature city Rate culate Matter (PM) hur Dioxide (SO ₂) es of Nitrogen (as NO ₂)	k Diameter m k Temperature °C city m/s Rate Nm³/hr culate Matter (PM) mg/Nm³ hur Dioxide (SO ₂) ppm	In 17 k Diameter m 0.35 kTemperature °C 130 city m/s 6.40 r Rate Nm³/hr 1588 culate Matter (PM) mg/Nm³ 74.4 hur Dioxide (SO2) ppm 33.9	Im 17 - k Diameter m 0.35 - k Temperature °C 130 - city m/s 6.40 - r Rate Nm³/hr 1588 - culate Matter (PM) mg/Nm³ 74.4 150 hur Dioxide (SO2) ppm 33.9 100

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

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Environmental Testing Laboratory

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

Test Report

Format No: QR/7.8/01	Test	Report No : ETL/003266/24	Issue	Date: 19-07-2024	
ULR No : N.A. Discipline : Chemic		pline : Chemical		p : Atmospheric Pollution	
	Idress : Aarti Indu Plot No9	ustries Ltd (Alchemie Org. Ltd.) 02, Phase-III, GIDC Estate, Vapi- 39			
	: Stack attached to	DG 750 KVA -I	o i so, Dist.	- vaisad	
Sampling By	Nikunj Vaghasiya	Qty / Nos	of Sample	:1/1 No.	
Date of Sampling	: 12-07-2024		Seal	: Sealed	
Sample Received Date			Purpose	: Stack Gas Analysis : 15-07-2024	
Date of Starting of Test	: 13-07-2024		ompletion		
Sampling Method	: WI/ST/A	Sample [
Duration Sampling	: 60 min.	Fuel		: 0724/ST06690 : Diesel	

RESULT TABLE

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	
9 VOC	mg/Nm ³	BDL(<1)	OF OD LINIT)	METHOD REFERENCE
Note : BDL :- Below Detectable Limit		DUL(<1)		SOP NoWI/ST/44-03

ple Limit

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Environmental Testing Laboratory

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Test Report

Forma	t No: QR/7.8/01	Test Report	t No : TC58852	4000006691F	Issue Date : 19-07-2024
ULR N	JLR No : TC588524000006691F Discipline : Chemical				Group : Atmospheric Pollution
	mer's Name & Address : Aa Pk ption of Sample : Stack atta	ot No902, Ph	ase-III, GIDC E	Org. Ltd.) state, Vapi- 3961	95, Dist Valsad
Samplin Date of Sample Date of Samplin	ng By : Nikunj Va Sampling : 12-07-202 Received Date : 13-07-202 Starting of Test : 13-07-202 ng Method : WI/ST/A n Sampling : 60 min.	ached to DG 7 ghasiya 24 24	50 KVA -II	100	Sample :1 / 1 No. al :Sealed irpose :Stack Gas Analysis
			RESULT TABL	.E	
1 St	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	ack Diameter	m	17	-	-
and the second se	ackTemperature	°C	0.35	-	12
	elocity	m/s	128 6.00	-	IS 11255 (Part-3):2021
5 Flo	ow Rate	Nm ³ /hr	1497	-	IS 11255 (Part-3):2021
6 Pa	articulate Matter (PM)	mg/Nm ³		-	IS 11255 (Part-3):2008
	Ilphur Dioxide (SO2)	ppm	60.6 29.7	150	IS 11255 (Part-1):1985
the second s	ddes of Nitrogen (as NO ₂)	ppm	29.1	100	IS 11255 (Part-2):1985

14.1

50

ppm

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IS 11255 (Part-7):2005

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Oxides of Nitrogen (as NO2)



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Test Report

Format No : QR/7.8/01	Test Rep	ort No : ETL/003267/24	Issue Date: 19-07-2024
ULR No: N.A.	Disciplin	e : Chemical	Group : Atmospheric Pollution
Customer's Name & Ad		ies Ltd (Alchemie Org. Ltd.) Phase-III, GIDC Estate, Vapi- 396195	Dist Valead
Description of Sample	: Stack attached to Do	G 750 KVA -11	, Disc - Valsau
Sampling By	: Nikunj Vaghasiya	Qtv / Nos of Sa	ample :1/1No.
Date of Sampling	: 12-07-2024	Packing / Seal	Management and the management
Sample Received Date	: 13-07-2024	Protocol / Purp	
Date of Starting of Test	: 13-07-2024	Date of Compl	
Sampling Method	: WI/ST/A	Sample ID	: 0724/ST06691
Duration Sampling	: 60 min.	Fuel	: Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03
1.1.1.1					001 110. 11101144 00

Note : BDL :- Below Detectable Limit

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 «QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION «GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR
 «ISO 9001 : 2015 • ISO 14001 : 2015 «ISO 45001 : 2018

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Environmental Testing Laboratory

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Test Report

Format No: QR/7.8/01	Test Report No : TC5		38524000007940F Issue D		Date: 21-08-2024	
ULR No : TC58852400	00007940F	Discipline : Chemical		Group	: Atmospheric Pollution	
Customer's Name & Ad		rti Industries Ltd (Alchen ot No902, Phase-III, GIDC		95, Dist.	- Valsad	
Description of Sample	: Stack atta	ached to DG 750 KVA -I				
Sampling By	: Nikunj Va	ghasiya	Qty / Nos of	Sample	:1/1No.	
Date of Sampling	: 14-08-202	24	Packing / S	eal	: Sealed	
Sample Received Date	: 15-08-202	24	Protocol / P	urpose	: Stack Gas Analysis	
Date of Starting of Test	: 15-08-202	24	Date of Con	npletion	: 16-08-2024	
Sampling Method	: WI/ST/A		Sample ID		:0824/ST07940	
Duration Sampling	: 60 min.		Fuel		: Diesel	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	17	-	
2	Stack Diameter	m	0.35		-
3	StackTemperature	°C	142	-	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	1894	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ³	76,7	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO2)	ppm	30.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	35.9	50	IS 11255 (Part-7):2005

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Environmental Testing Laboratory

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Test Report

Format No: QR/7.8/01	Test Rep	ort No : ETL/000841/24 Issue	Date: 21-08-2024	
ULR No: N.A.	Disciplin	e : Chemical Grou	p : Atmospheric Pollution	
Customer's Name & Ad		ies Ltd (Alchemie Org. Ltd.) Phase-III, GIDC Estate, Vapi- 396195, Dis	t Valsad	
Description of Sample	: Stack attached to DO	G 750 KVA -I		
Sampling By	: Nikunj Vaghasiya	Qty / Nos of Samp	e :1/1No.	
Date of Sampling	: 14-08-2024	Packing / Seal	: Sealed	
Sample Received Date	: 15-08-2024	Protocol / Purpose	: Stack Gas Analysis	
Date of Starting of Test		Date of Completion	: 16-08-2024	
Sampling Method	: WI/ST/A	Sample ID	:0824/ST07940	
Duration Sampling	: 60 min.	Fuel	: Diesel	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	VOC	mg/Nm ³	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 2 of 2



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Test Report

Format No : QR/7.8	/01	Test Report No : TC588524000007941F			Issue Date : 21-08-2024		
ULR No : TC58852	LR No : TC588524000007941F Discipline : Chemical				Group	: Atmospheric Pollution	
Customer's Name &			Ltd (Alchemie) ase-III, GIDC Es		05 Diet	Valead	
Description of Samp				lale, vapi- 590	so, Dist.	- vaisau	
Sampling By	: Nikunj Va	adhasiva Qty / N		Qty / Nos of	Sample	:1/1No.	
Date of Sampling	: 14-08-20			Packing / Seal		: Sealed	
Sample Received Da	ate : 15-08-20	24		Protocol / P	urpose	: Stack Gas Analysis	
Date of Starting of T	est : 15-08-20	24		Date of Cor	npletion	: 16-08-2024	
Sampling Method	: WI/ST/A			Sample ID		:0824/ST07941	
Duration Sampling : 60 min.				Fuel		: Diesel	
			RESULT TABL	E			
S.NO. TEST PA	RAMETER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE	
1 Stack Height	and the second states as a	m	17	-		-	

1	Stack Height	m	17	-	2
2	Stack Diameter	m	0.35	-	
3	StackTemperature	°C	134	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	1530	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ^a	64.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SOz)	ppm	23.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO ₂)	ppm	31.4	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01	Test Report No : ETL		/003935/24 Issue D		Date : 21-08-2024	
JLR No: N.A.	D	iscipline : Chemica	I	Group : Atmosph		
Customer's Name & Ad			nemie Org. Ltd.) DC Estate, Vapi- 3961	95, Dist.	- Valsad	
Description of Sample	: Stack attach	ned to DG 750 KVA -II				
Sampling By	: Nikunj Vagh	asiya	Qty / Nos of	Sample	:1/1No.	
Date of Sampling	: 14-08-2024		Packing / Se	eal	: Sealed	
Sample Received Date	: 15-08-2024		Protocol / Pr	urpose	: Stack Gas Analysis	
Date of Starting of Test			Date of Con	pletion	: 16-08-2024	
Sampling Method	: WI/ST/A		Sample ID		:0824/ST07941	
Duration Sampling	: 60 min.		Fuel		: Diesel	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
9	VOC	mg/Nm ^a	BDL(<1)	-	SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Page 2 of 2

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 •QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPC8 APPROVED SCHEDULE || ENVIRONMENTAL AUDITOR
 •ISO 9001 : 2015 • ISO 14001 : 2015 •ISO 45001 : 2018



Environmental Testing Laboratory

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Test Report

Form	Format No : QR/7.8/01		Test Report	Test Report No : EP/0924/02240			Date: 20-09-2024	
	Discipline : Chemical			Chemical	Group		: Atmospheric Pollution	
Cus	tomer's Name & A				Org. Ltd.) state, Vapi- 3961	05 Diet	Volgad	
Desc	ription of Sample	: Stack att	ached to DG 7	50 KVA -I	nare, vapi- 5501	so, Dist.	- Valsau	
Sam	pling By	: ENPRO	Team-Mr.Vihar		Qty / Nos of Sample		: 1 / 1 No.	
Date of Sampling : 12-09-2024				Packing / Seal		Sealed		
Sam	ole Received Date	: 13-09-20	24		Protocol / Purpose		: Stack Gas Analysis	
Date	of Starting of Test	: 13-09-20	24		Date of Com		: 14-09-2024	
	oling Method	: WI/ST/A			Sample ID		: 0924/ST02240 : Diesel	
Duration Sampling : 60 min.		: 60 min.			Fuel			
				RESULT TABL	.E			
S.NO.	TEST PARAM	METER	UNIT	RESULT	GPCB LIMIT		METHOD REFERENCE	
1.1	Stack Height		m	17				

m	17	-	
m	0.35	-	
°C	140	-	IS 11255 (Part-3):2021
m/s	7.40		IS 11255 (Part-3):2021
Nm³/hr	1826		IS 11255 (Part-3):2008
mg/Nm²	74.2	150	IS 11255 (Part-1):1985
ppm	28,4		IS 11255 (Part-2):1985
ppm			IS 11255 (Part-7):2005
	Nm³/hr mg/Nm³	°C 140 m/s 7.40 Nm³/hr 1826 mg/Nm³ 74.2 ppm 28.4	°C 140 - m/s 7.40 - Nm³/hr 1826 - mg/Nm³ 74.2 150 ppm 28.4 100

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

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Environmental Testing Laboratory

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Test Report

Format No : QR/7.8/01	Test Report No : TE	E/001426/24 Issu	sue Date : 20-09-2024	
Pormat NO . GRAT.OUT	Discipline : Chemic	al Gro		
Customer's Name & Ad	Idress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G	hemie Org. Ltd.) SIDC Estate, Vapi- 396195, Di	st Valsad	
Description of Sample	: Stack attached to DG 750 KVA -	1		
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Samp	ole :1/1No.	
	: 12-09-2024	Packing / Seal	Sealed	
Sample Received Date	: 13-09-2024	Protocol / Purpose		
Date of Starting of Test	: 13-09-2024	Date of Completic	2 전 1월 1일 - 2월 2일 일 명령 1월 19 19 19 19 19 19 19 19 19 19 19 19 19	
Sampling Method	: WI/ST/A	Sample ID	:0924/ST02240	
Duration Sampling	: 60 min.	Fuel	: Diesel	

NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VOC	mg/Nm°	BDL(<1)		SOP NoWI/ST/44-03

Note : BDL :- Below Detectable Limit

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Test Report

Format No : QR/7.8/01		Test Report No: EP/092	4/02241 Is	sue Date : 20-09-2024
ronnat No : QR/7,8/01		Discipline : Chemical Gro		roup : Atmospheric Pollution
Customer's Name & Ad		arti Industries Ltd (Alchem lot No902, Phase-III, GIDC		Dist Valsad
Description of Sample	: Stack at	tached to DG 750 KVA -II		
Sampling By	: ENPRO Team-Mr.Vihang Patel		Qtv / Nos of Sa	mple :1/1No.
Date of Sampling	: 12-09-2024		Packing / Seal	
Sample Received Date	: 13-09-2024		Protocol / Purpo	
Date of Starting of Test	: 13-09-20	24	Date of Completion	
Sampling Method	: WI/ST/A		Sample ID	: 0924/ST02241
Duration Sampling	n Sampling : 60 min.		Fuel	: Diesel
		RESULT TA	BLE	

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	17	-	
2	Stack Diameter	m	0.35		
3	StackTemperature	°C	124		IS 11255 (Part-3):2021
4	Velocity	m/s	6,90		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	1702	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm ^a	60.2	150	IS 11255 (Part-1): 1985
7	Sulphur Dioxide (SO2)	ppm	26.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO2)	ppm	29.4	50	IS 11255 (Part-7):2005

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Test Report

Format No : QR/7.8/01	Test Report No: TE	Test Report No : TEE/001427/24 Issue Discipline : Chemical Grou	
ronnacito : Gini.ciu i	Discipline : Chemic		
Customer's Name & Ad	ldress : Aarti Industries Ltd (Alc Plot No902, Phase-III, G	hemie Org. Ltd.) IDC Estate, Vapi- 396195, D	ist Valsad
Description of Sample	: Stack attached to DG 750 KVA -	1	
Sampling By	: ENPRO Team-Mr.Vihang Patel	Qty / Nos of Sam	ple :1/1No.
Date of Sampling	: 12-09-2024	Packing / Seal	Sealed
Sample Received Date	: 13-09-2024	Protocol / Purpos	
Date of Starting of Test	: 13-09-2024	Date of Completio	
Sampling Method	: WI/ST/A	Sample ID	: 0924/ST02241
Duration Sampling	ration Sampling : 60 min.		: Diesel

S.NO. TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1 VOC	mg/Nm³	BDL(<1)	-	SOP No.+WI/ST/44-03

Note : BDL :- Below Detectable Limit

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

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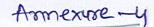
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Annexure-5



OFFICE OF THE DEPUTY EXECUTIVE ENGINEER

PLOT NO C /5 / 101, ADMINISTRATIVE OFFICE BUILDING . NEAR TELEPHONE EXCHANGE, GIDC CHAR RASTA VAPI - 396195. 窗 102601 2432669 .670 FAX No. 0260- 2420502

No:GIDC/DEE(DRN)/VPI/ 2004

Date :- 02/11/2018

70,

M/s Aarti Industries Ltd Plot No. 902, Phase-34 GIDC, Vapi.

Reference: - Panchnama dtd 30/10/2018.

CERTIFICATE FOR DISCONNECTION OF DRAINAGE CONNECTION

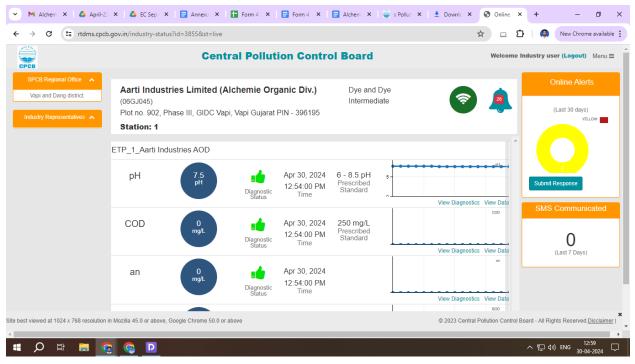
This is to certify that the drainage connection of M/s Aarti Industries Ltd. Plot No. 902 is disconnected on dtd 30/10/2018 on request of party.

Hurris

I/e Dy. Ex. Engineer (DRN) GIDC, Vapi.



OCEMS connection to CPCB



OCEMS connection to GPCB

💌 M AIL VAF 🗙 🛛 🝐 April-23 🗙 🛛 📥 EC Sep- 🗙	🖬 Annexu 🗙 🚺 Form 4 🗶 📑 Form 4 🗶	🚍 Alchem 🗙 🚋 :: Pollut 🗙 🛓 Downle 🗙	🥃 gpcbon 🗙 🕂	- 0 ×
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<u>68 - © - m - № - 7 -</u>			Work Flow 🗮	A ⁰ № A -
Aarti Industries Limited (Organic	Division)			
🕍 ETP_Outlet 💡 Vapi 🛛 Gujarat 🛗 🛙	DYE AND DYE INT 🛛 📓 Data fetched at: 2024-04-30T12	:36:00Z Monitoring Stations 1 Total Parame	ters Monitored 4	
AN 3.6 mg/l	O Total Exceedances	99.17 Data Availability(%)		
Standard: mg/l (15 minutes Average) Quick Range Daily Weekly Monthly		← Previous Day → Next Day	4.9 mg/l Standar ETP_OU 41.3 mg Standar	rd-mg/l utlet COD j/l
12.00 - 10.00 - 8.00 - 20 6.00 - 4.00 -	*****		7.7 pH Standar	
📕 🔎 🛱 🧮 🗖 関			~ 臣 <	») ENG 13:00 💭



DATE: 18.04.2023

TO, AARTI INDUSTRIES LTD (ALCHEMIE ORGANICS DIVISION) PLOT NO.902,3RD PHASE G.I.D.C VAPI GUJARAT

Sub.:- Membership Certificate of M/s. RSPL (AFRF) at Panoli.

Dear Sir,

We are enclosing here with below mentioned documents which completes the registration process of your esteemed origination with us.

1.Membership Certificate in Original 2. Agreement Copy

Please note that your certificate no. mentioned on your certificate is your reference no. at our facility. Please the same may be used for any correspondence in future.

Thanking you & assuring you of our best services in interest of providing sustainable environment.

Thanking You.

Yours truly,

For Recycling Solutions Pvt. Ltd

Rodrigues

Kevin

Digitally signed by Rodrigues Kevin Reason: I am the author of this document Date: 2023-04-18 16:26+05:30

Authorized Signatory

Unit Location Plot No. 223/2, 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 - 400 034, Maharashtra, India. E-mail : mail@rs-pl.com

Website : www.rs-pl.com Saurashtra Enviro Projects Private Limited - Kutch



Certificate

Certificate No.: 120000013

To Whomsoever it may concern

This is to certify that

AARTI IND LTD. (ALCHEMIE ORG DIV)

PLOT NO - 902, PHASE - III, GIDC ESTATE VAPI, TAL: PARDI,

> VALSAD 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 : 05.06.2020

Date of Expiration: 04.06.2025Place 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



Certificate No.:100210

To Whomsoever it may concern

This is to certify that AARTI INDUSTRIES LTD. (ALCHEMIE ORGANIC DIV.)

PLOT NO - 902, PHASE - III, GIDC ESTATE VAPI, TAL: PARDI, VALSAD

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:16-09-2021Date of Expiration : 16-09-2026Place of Issue: Surat

For, Safe Enviro Private Limited · son Director

SUBJECT TO SURAT JURI SDI CTI ON

Safe Enviro Private Limited

Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat-395 002 (Guj.) INDIA Ph. : +91 261 2351248, 2346181, E-mail : sepl.magnad@gmail.com | CIN : U51101GJ2015PTC083237

mexure 6

BHARUCH ENVIRO INFRASTRUCTURE LIMITEL

13th April, 2018

Aarti Industries Ltd. (Alchemie Organics Div.)

Plot No.902, 3rd Phase, GIDC Estate, Vapi.

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

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility developed by Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar and Dahej. You have booked solid waste quantity of <u>25 MT/year</u>. You have also paid your capacity commitment charges. Your Membership No. is **Oth/323**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully, For, BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696

BHARUCH ENVIRO INFRASTRUCTURE LIMITEI



DATE 11/06/2013 +

To. **Aarti Industries Ltd.** Plot No.902, 3RD Phase, GIDC, Vapi.

Sub : Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar, You have booked quantity of <u>10 MT/Year</u>. You have paid Registration fees for common incinerator membership. Your Membership No. is CI/OBD/114.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you.

Yours faithfully, For BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY

Annexure-8



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

ईमेल/E-mail : jtcce.vadodara@explosives.gov.in दूरभाष/Phone/Fax No : 0265 - 2361035 दि/Dated : 07/08/2023

सं/No : G/WB/GJ/06/353(G47482)

सेवा में/To,

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD State: Gujarat Pin : 396195

विषय/Sub Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलंडरों में HYDROGEN गैस का भंडारण- गैस सिलंडर नियम, 2016 के अंतर्गत नवीकरण के बारे में/Storage of HYDROGEN gas in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - under Gas Cylinders Rules, 2016 - Renewal regarding.

Sir(s),

कृपया आपके दि. 05/08/2023 के आवेदन सं. OIN1420571 का संदर्भ ग्रहण करें/Please refer to your application No.OIN1420571 dated 05/08/2023 .

30th September 2033 तक विधिमान्य अनुज्ञप्ति संख्या G/WB/GJ/06/353 इसके साथ नवीकरण कर अग्रेषित की जा रही है।/ Licence Number: G/WB/GJ/06/353 is renewed and valid upto 30th September 2033 is forwarded herewith.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुझप्ति के पुनः नवीकरण हेतु आवेदन, इस कार्यालय को इस अनुझप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर **2033** को या इससे पूर्व) जमा कर दें । दिनांक 30 सितम्बर 2033 के पश्चात परंतु दिनांक 30 सितम्बर 2034 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार वितंब शुल्क के साथ ही विचाराधीन होगा । दिनांक 30 सितम्बर 2034 तक कोई नवीनीकरण आवेदन प्राप्त नही होने की स्थिति में यह अनुझप्ति स्वतः निरस्त हो जाएगी । /Please note that application for renewal of the licence should be submitted so as to reach this office before the licence expires (i.e. on or before 30th September, **2033**) as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, **2033** but not later than 30th September, **2034** shall be considered only with late fee applicable vide Rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, **2034**.

कपया इस पत्र की प्राप्ति की पावती दें I /Please acknowledge the receipt of the same.

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

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



फार्म फ /FORM F नियम 50,51 और 54 देखें /(See Rules 50, 51 and 54) Licence to store compressed gas in cylinders

अनुज्ञप्ति संख्या/ Licence No. : G/WB/GJ/06/353(G47482)

वार्षिक शुल्क। रू/Fee Rs. 8000/- per year

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या G/WB/GJ/06/353(G47482) dated 08/02/2019 में दर्शित किए गए अनुज्ञप्त परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों के उपबंधों तथा इस अनुज्ञप्ति की अन्य शर्ती के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलेण्डरों को रखने के लिए ही विधिमान्य अनुज्ञप्ति दी जाती है।/

Licence is hereby granted to M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WB/GJ/06/353(G47482) dated 08/02/2019 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

यह अनुज्ञप्ति 30 सितम्बर 2033 तक प्रवृत्त रहेगी । / The Licence shall remain in force till the 30th September 2033.

For Jt. Chief Controller of Explosives Vadodara कृते संयुक्त मुख्य विस्फोटक नियंत्रक वडोदरा

February 8, 2019

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

निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुज़प्त परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमोदित रेखांक सं G/WB/GJ/06/353 dated February 8, 2019 में दिखाया गया है, में अवस्थित है और जिसमें एक भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/WB/GJ/06/353 dated February 8, 2019 are situated at GIDC Vapi and consists of a storage shed for possession of the gas contained in cylinders as described here under:

	गैस का प्रकार /Type of Gas	मात्रा /Quantity
a)	विषेले/ Toxic	NIL
b)	गैर विषैले और गैर ज्वलनशील /Non-Toxic and Non Flammable	NIL
c)	गेर विषेले और ज्वलनशील /Non-Toxic and Flammable	HYDROGEN - 912 Nos.
	घलित एसिटिलीन गैस /Dissolved Acetylene Gas	NIL
-	एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than LPG	NIL
f)	एलपीजी/ Liquefied Pertoleum Gas	-NIL

और प्लाट संख्या PlotNo : 902, 923 & 930 गली का नाम गांव : GIDC Vapi या नगर पुलिस थाना : GIDC Vapi जिला : VALSAD,राज्या : Gujarat. / and is situated at PlotNo : 902, 923 & 930 Village/Town :GIDC Vapi Police Station : GIDC Vapi District : VALSAD, State: Gujarat.

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

	नवीकरण की तारीख/Date of	समाप्ति की तारीख/Date of	अनुज्ञप्ति प्राधिकारी के हस्ताञक्षर/Signatur
	Renewal	Expiry	and stamp of the licensing authority
इस अनुञ्चप्ति को, विस्फोटक अधिनियम, 1884 या उसके अधीन बनाए गए गैस सिलेण्डर नियम, 2016 के उपबंधों या इस अनुञ्चप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में कोई छूट दिए बिना दस वर्ष तक नवीकृत किया जाएगा I/This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence		30/09/2033	Tejveer Singh DCE For Jt. Chief Controller of Explosives Vadodara

यदि अनुज़ात परिसर इससे उपाबद्ध विवरण और शतों के अनुरुप नहीं पाया जाता है और जिन नियमों और शतों के अधीन यह अनुज़प्ति दी गई है, उनमे से किसी का उल्लंघन होता है तो यह अनुज़प्ति रद्द की जा सकती है और अनुज़प्ति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकेगी, या जुमनि से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा I / This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions 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 with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

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



भारत सरकार /Government of India वाणिज्य और उयोग मंत्रालय/Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO) आंठवी मंजिल, यश कमल बिल्डींग, सयाजी गंज वडोदरा- 390020

8th Floor, Yash Kamal Building, Sayajigunj, Vadodara - 390020

सं /No : G/WB/GJ/06/353(G47482)

इमेल /E-mail : **dyccebaroda@explosives.gov.in** दूरभाष /Phone/Fax No : **0265 - 2225159** दि/Dated : **12/02/2019**

सेवा में /To,

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD State: Gujarat Pin : 396195

1 3 FEB 2019

विषय /Sub : Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में HYDROGEN गैस का भंडारण- गैस सिलेंडर नियम, 2016 के फार्म एफ के अंतर्गत – निरीक्षण एवं अनुजसि का पृष्ठांाकन करने के बारे मैं/Storage of HYDROGEN in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - cover under Licence G/WB/GJ/06/353(G47482) granted in Form F of Gas Cylinders Rules, 2016 - Inspection & Endorsement of licence regarding.

गहोदय/Sir

(s),

कृपया इस' कार्यालय के दि. 08/02/2019के ज्ञापन सं G/WB/GJ/06/353(G47482) और दि. 12/01/2019 को उपरोक्त परिसर का अधोहस्ताोक्षरकर्ता/ इस कार्यालय के अधिकारी द्वारा को किए गए निरीक्षण का अवलोकन करें/ Please refer to the this office Memo No : G/WB/GJ/06/353(G47482) dated 08/02/2019 and inspection of the above premises by the undersigned /an officer of this office on 12/01/2019

The subject licence is returned herewith duly endorsed. The receipt of the licence may please be acknowledged.

कृपया नोट करें कि गैस सिलेंडर नियम, 2016 के नियम 55(5) के अनुसार, अनुजसि के पुनः नवीकरण हेतु आवेदन this office कार्यालय को इस अनुजसि की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर **2023** को या इससे पूर्व) जमा कर दें । दिनांक 30 सितम्बर **2023** के पश्चात परंतु दिनांक 30 सितम्बर **2024** से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेंडर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा । दिनांक 30 सितम्बर **2024** तक कोई नवीनीकरण आवेदन, प्राप्त नही होने की स्थिति में यह अनुजप्ति स्वतः निरस्त हो जाएगी । /Please note that your application for further renewal should reach this office on or before 30th Septemebr, **2023** along with all the documents as required under Rule 55(5) of Gas Cylinders Rules , 2016. Application for renewal of licence received after 30th September, **2023** but not later than 30th September, **2024** be considered only with penalty fee vide rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, **2024**.

भवदीय /Yours faithfully,

((संजय कुमार) (Sanjay Kumar)) विस्फोटक नियंत्रक Controller of Explosives कृते उप मुख्य विस्फोटक नियंत्रक For Dy. Chief Controller of Explosives वडोदरा/Vadodara

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्कक तथा अन्यय विवरण के लिए कृपया हमारी वेबसाइट http://peso.gov.in देखें 1] (For more information regarding status,fees and other details please visit our website http://peso.gov.in)



भारत सरकार /Government of India वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO) आंठवी मंजिल, यश कमल बिल्डींग, सयाजी गंज वडोदरा - 390020

8th Floor, Yash Kamal Building, Sayajigunj, Vadodara - 390020

इमेल /E-mail : dyccebaroda@explosives.gov.in दूरआष/Phone/Fax No : 0265 - 2225159 तारीख/Dated : 08/02/2019

सं /No : G/WB/GJ/06/353(G47482)

सेवा में/ To,

M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD State: Gujarat Pin : 396195

विषय /Sub : Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - में सिलेंडरों में HYDROGEN गैस का भंडारण- गैस सिलेंडर नियम, 2016 के अंतर्गत अनुजसि जारी करने के बारे में/Storage of HYDROGEN gas in cylinders at Plot No: 902, 923 & 930, 3rd Phase, GIDC Vapi, Dist. Valsad, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin : 396195 - under Gas Cylinders Rules, 2016 - Grant of licence regarding.

महोदय/Sir (s),

कृपया आपके दि 30/01/2019 के आवेदन सं. nil का संदर्भ ग्रहण करें/Please refer to your application No.nil dated 30/01/2019.

गैस सिलिंडर नियम, 2016 के फार्म 'एफ' में अनुजसि हेतु प्राप्तश दस्तावेज प्रक्रियाधीन हैं। आपसे अनुरोध है कि इस पत्र के तारीख से 21 दिनों के भीतर प्रस्ताावित गैस सिलेंडर भंडारण शेड के निरीक्षण के लिए आप इस कार्यालय को दस्तासवेज की प्रति के साथ संपर्क करें I/The documents received for Grant of license in Form F of Gas Cylinders Rules, 2016 are under process. You are advised to approach this office for inspection of your proposed gas cylinders storage shed within 21 days from date of this letter.

कृपया ध्यान दें कि आपके गैस सिलेंडर भंडारण शेड के निरीक्षण के पश्चात एवं भंडारण शेड के निर्माण के लिए आप को जारी किए गए पूर्व अनुमोदन की सभी शर्तों के अनुपालन के पश्चा त अनुज्ञप्ति जारी करने पर विचार किया जाएगा।/ Please note that grant of license shall only be considered after inspection of your gas cylinders storage shed and compliance of all the conditions of prior approval granted to you for construction of the storage shed.

कृपया इस पत्र की प्राप्ति। की पावली दे I/Please acknowledge the receipt of the same.

भवदीय /Yours faithfully,

((संजय कुमार) (Sanjay Kumar)) विस्फोटक नियंत्रक Controller of Explosives कृते उप मुख्य विस्फोटक नियंत्रक For Dy. Chief Controller of Explosives वडोदरा/Vadodara

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्कम तथा अन्यe विवरण के लिए कृपया हमारी वेबसाइट http://peso.gov.in देखें 1] (For more information regarding status,fees and other details please visit our website http://peso.gov.in)

निरीक्षण एवं पृच्वांकित उप मुख्य विस्फाटक निर्मक फार्म फ /FORM F वडोदरा नियम 50,51 और 54 देखें /(See Rules 50, 51 and 54) Licence to store compressed gas in cylinders अनुज्ञति संख्या/ Licence No. : G/WB/GJ/06/353(G47482)
M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D. Autage/Lown: GIDC
Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 को नीचे वर्णित और रेखांक संख्या GIWB/GJ/06/353
(G47482) dated 08/02/2019 में दर्शित किए गए अनुजस परिसर में, भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए
गए नियमों के उपबंधों तथा इस अनुजसि की अन्य शर्तों के अधीन रहते हुए, केवल संपीड़ित गैस से भरे सिलेण्डरों को रखने के लिए ही विधिमान्य अनुजसि दी जाती है। /
Licence is hereby granted to M/s. Aarti Industries Limited (Alchemie Organics Div.), Plot no 902, 923 & 930, 3rd Phase, GIDC Vapi, D, Village/Town: GIDC Vapi, City: Vapi, Taluka: Vapi, District: VALSAD, State: Gujarat, Pin: 396195 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/WB/GJ/06/353(G47482) dated 08/02/2019 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence. यह अनुजारी 30 सितम्बर 2023 तक प्रवृत रहेगी / The Licence shall remain in force till the 30 th September 2023.
यह अनुजास 30 सितम्बर 2023 तक प्रवृत रहगा 17 The Licence shall remain in force in the 30 September 2023 तक प्रवृत रहगा 17 The Licence shall remain in force in the 30 September 2023 for Dy. Chief Controller of Explosives
Vadodara

February 8, 2019

For Dy. Chief Controller of Explosives Vadodara उप कुले उप मुख्य विस्फोटक नियंत्रक उप मुख्य विस्फोटक नियंत्रक DY. CHEF CONTROLLER OF EXPLOSIVES, VARUASIACT

I TITOT

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

निम्नलिखित विवरण के अनुसार सिलेण्डरों में भरी गैस रखने के लिए अनुजस परिसर, जिसकी अभिन्यास सीमाओं और अन्य विशिष्टियों को संलग्न अनुमोदित रेखांक सं G/WB/GJ/06/353 dated February 8, 2019 में दिखाया गया है, में अवस्थित है और जिसमें एवः भण्डारण शेड है। / The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/WB/GJ/06/353 dated February 8, 2019 are situated at GIDC Vapi and consists of a storage shed for possession of the gas contained in cylinders as described here under:

-	गैस का प्रकार /Type of Gas	मात्रा /Quantity
a)	विषैले/ Toxic	NIL
b)	गैर विषैले और गैर ज्वलनशील /Non- Toxic and Non Flammable	NIL
C)	गैर विषैले और ज्वलनशील /Non-Toxic and Flammable	HYDROGEN - 912 Nos.
a)	घुलित एसिटिलीन गैस Dissolved Acetylene Gas	NIL
e)	एलपीजी के अलावा गैर विषैले और ज्वलनशील द्रवित गैस /Non-Toxic & Flammable liquefiable gas other than	NIL
	LPG एलपीजी/ Liquefied Pertoleum Gas	NIL

और प्लाट संख्या PlotNo : 902, 923 & 930 गली का नाम गांव : GIDC Vapi या नगर पुलिस थाना : GIDC Vapi जिला : VALSAD, राज्या : Gujarat.

/ and is situated at PlotNo : 902, 923 & 930 Village/Town :GIDC Vapi Police Station : GIDC Vapi District : VALSAD, State: Gujarat. नवीकरण के पृष्ठांकन के लिए स्थान / SPACE FOR ENDORSEMENT OF RENEWALS

	लवीकरण की तारीख/Date of Renewal	समाप्ति का ताराख/Date	अनुजसि प्राधिकारी के हस्ताञक्षर/Signature and stamp of the licensing authority	
नवीकृत किया जाएगा ।/This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act,1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence				

यदि अनुजस परिसर इससे उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पावा जाता है और जिन नियमों और शतों के अधीन यह अनुरुसि दी गई है, उनमे से किसी का उल्लंघन हाता है तो यह अनुरासि रद्द की जा सकती है और अनुरासि का धारक कारावास से, जिसकी अवधि दो वर्ष सक

की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा । / This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the outer and conditions under which this licence is accented and the holder of this licence is also punishable with imprisonment for the

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

परिसर में परिचालन स्विच के साथ एक प्रभावशाली अलार्म प्रणाली की व्यवस्था की जाएगी। आपात स्थिति में, परिसर में स्विच ऑपरेट करने पर

 नियंत्रण कक्ष में अलार्म सुना जा सकेगा।/An efficient alarm system with operating switch in the premises shall be provided. In case of emergency, the alarm can be heard in the control room by operating the switch in the premises.

विषाक्त गैस के रिसाव की आपात स्थिति के लिए एक आपदा प्रबंधन योजना तैयार की जाएगी। योजना द्वारा संबंधित अधिकारी की जिम्मेपदारी तय

- 2. की जाएगी, जिन्हेंt रिसाव की स्थिति में विषाक्त गैस उपकरणों को संचालित करने के विभिन्न पहलुओं के बारे में प्रशिक्षित किया जाएगा।/A Disaster Management Plan for operation in case of emergency of leakage of toxic gas shall be prepared. The plan shall fix responsibility on the concerned officers who shall be trained in the different aspects of handling toxic gas equipments in case of leakage.
- 3. आपात स्थिति में उपयोग के लिए परिसर में या इसके पास एक या अधिक पर्याप्त दबाव के हायड्रंट पॉइंट्स उपलब्ध कराए जाएंगे।/One or more hydrant point(s) with adequate pressure shall be provided in or near the premises for use in emergency.

परिसर में कम से कम दो आत्म निहित श्वास तंत्र (सेल्फ कंटेंड ब्रीदिंग ॲपरेटस) और दो कनस्तर प्रकार के गैस मास्क सहज सुलभ स्थान में रखे

- 4. जाएंगे I/At least two numbers self contained breathing apparatus and two Canister type Gas Masks shall be kept in the premises in a readily accessible location.
- 5. परिसर में या इसके पास विषाक्त गैस के रिसाव का पता लगाने के लिए पोर्टेबल उपकरण उपलब्ध कराया जाएगा।/Portable devices for detection of toxic gas leakage shall be made available in or near the premises.

हवा की दिशा निर्धारित करने के लिए उपयुक्त स्थान पर एक वातदिग्दर्शक-मुर्ग उपलब्ध कराया जाएगा जिससे विषाक्त गैस के रिसाव की स्थिति में

6. श्रमिकों को हवा के विरूद्ध दिशा में स्थानांतरित किया जा सकें।/A weathercock shall be provided at a suitable location for determining wind direction so that in case of leakage of toxic gas, the workers can move against wind direction.

अनुजसिधारी के पास विभिन्नए उपकरण और औजार, जैसे सिलेंडर और टनरों के लिए वाल्वn हूड, सिलेंडर वाल्व रिसाव के लिए क्लैं प और टनरों के

- 7. वॉल्वे के रिसाव के लिए चेन और योक असेंबलि सहित उपकरणों से मिलकर बनी आपातकालीन किट उपलब्ध होनी चाहिए I/Emergency kit consisting of various appliances and tools including valve hood assembly for cylinders and tonners, clamp for cylinder valve leaks and chain and yoke assembly for tonner valve leaks shall be available with the licensee.
- 8. संयंत्र के बंद होने/ लॉक-अप के मामले में, परिसर में कोई विषाक्त गैस युक्त सिलेंडर नही रखा जाएगा।/In case of closure/cock-up of the filling plant, no cylinder containing toxic gas shall be retained in the premises.
- 9. रिसाव के मामले में विषाक्त गैस के निष्प्रभावीकरण के लिए पर्याप्त सुविधाएं प्रदान की जाएगी।/Adequate facilities for neutralization of toxic gas shall be provided in case of leakage.
- 10. विषाक्त गैस परिसर में उचित सिलेंडर लदान (लोडिंग)/माल उतराई (अनलोडिंग) और हथलाई (हैंडलिंग) की व्यवस्था की जाएगी।/Proper cylinder loading/unloading and handling arrangements shall be made in the toxic gas premises.

for Dy. Chief Controller of Explosives Vadodara कृते उप मुख्य विस्फोटक नियंत्रक उप नुख्य विस्फॉर्टिन नियन्त्रव, दहर 19. CHEF CONTROLLER OF EXPLOSIVES, W

Annexure-9

	AARTI INDUSTRIES LTD Alchemie Organi	cs Division
	Fire and Safety Equipment	
Sr. No.	Description	Alchemie, Vapi
2	Main Electrical Pump-1 Capacity (M3/hr.)	137
3	Main Electrical Pump-2 Capacity (M3/hr.)	15
4	Jockey Pump-1 Capacity (M3/hr.) (Old)	10
5	Hydrant Ring Main line Size (in inches)	6"+ 8"
7	Fixed Foam Monitors (Nos.)	8
8	Fixed Water Monitors (Nos.)	1
9	Mobile Foam Trolleys (Nos.)	2
10	Foam Nozzle (Nos.)	12
11	Fire Jet Nozzles (Nos.)	27
12	Fog nozzles / TP nozzle (Nos.)	7
13	Gun pattern branch	2
14	Mayur Water Curtains (Nos.)	1
15	Hose Boxes (Nos.)	80
16	Fire Hoses (Nos.)	95 Nos -15 Mtr 15Nos -7.5 Mtr
17	Hose Reels with nozzles (Nos.)	14
18	Water Sprinklers on flammable storages (Nos.)	3
19	Water Sprinklers on explosive storages (Nos.)	1
20	Smoke detectors in Plant (Zone 1 & 2 area) (Nos.)	3
21	Smoke detectors in Administrative offices (Nos.)	1
22	Foam for hydrants (in Lit.)	6100
23	Foam Trolley	2
24	Safety Showers with eye washes (Nos.)	36
25	Sand Bucket Stand (5 nos. Sand buckets in each)	15
26	Sand pits with loose and dry sand (Nos.)	2

27	Hydrated lime for emergency use (MT)	5
28	Fire Blankets (Nos.)	8
31	Duck Ladders (sets.)	3
32	Nylon Nets (Nos.)	2
33	Safety Kits (containing PPEs.) in plants	5
35	Fire Proxy Suits	4
36	Self Contained Breathing Apparatus Sets (Nos.)	15
37	Spare filled Cylinders for SCBA (Nos.)	12
38	ELSA set	6
39	ABC type (Stored pressure) Fire extinguishers (Nos.)	145
41	Mechanical Foam fire extinguishers (Nos.)	21
42	CO2 type fire extinguishers (Nos.)	125
43	Cartridge Masks (Nos.)	20
44	Spare PVC Suits (sets)	4
45	Spare PVC gumboots (No. of Pairs)	20-Store
46	Spare Safety Goggle (Nos.)	15-Safety office
47	Spare PVC Hand gloves (pairs)	35-Safety office
48	Kevlar Hand Gloves for high temperature (pairs)	10-Safety office
49	Asbestos hand gloves (pairs)	
51	First Aid Box & Nos.	18
53	Emergency Siren (Nos.)	2
83	Fireman Axe	2
84	Fire Helmet	2

Annexure-10

Name: AARTI INDUSTRIES LIMITED (ALCHEMIE ORGANICS DIVISION),PCB ID- 22980Address: PLOT NO. 902, 923, 927, 930 PHASE-III, GIDC ESTATE , VAPI-396195, TAL: PARDI, DIST:VALSAD.

Consent No: AWH-123323,

DATE OF ISSUE: 19/12/2023,

Validity: 30/09/2029.

SR.		CONDITIONS				COMPI	LIANCE	
	Consen	t Order No.: AWH-123323 Date of issue:19	9 12 2022					
NO. 1. 2. 3.	The con of trade	e effluent & emission due to operation cture of the following items/products:						
	Sr. No.	Name of Products	Proposed pr Capacity (MT/Y	oduction (ear)	consented			within the
	1.	Hydrogenation		(cur)	Production	n details	are attach	ed as EC
	1.1	DCBH (Di chloro Benzene hydro Chloride)	4000		complianc	e Annexu	re no 1	
	1.2	1,3 D.F.B (Di fluoro benzene)	-					
	1.3	3,5/2,6 DFA (Di fluoro Aniline)	-					
	1.4	OT Base	-					
	1.5	Di Anisidine						
	1.6	Ortho Toluene	87					
	1.7	Ortho Anisidine	87					
	1.8	Ortho Chloro Aniline	975					
	2	Diazotization						
	2.1	2,3/2,5 DCP (Di Chloro Phenol)	2400					
	2.2	3,5 Di Chloro Nitro Benzene	-					
	2.3	1,3,5 TCB	-					
	2.4	Para Fluoro Phenol (PFP)						
	3	Bromination	1000					
	3.1	3,4,5 Tri Fluoro Bromo Benzene	1000					
	3.2	2 Bromo 4 Flouro Acetanilide	-					
	3.3	Di Chloro Bromo Benzene						
	4	Condensation	600					
	4.1	Quinalphose (TECH) (Diethyl 2- Hydroxy Thiophosphoryl Chloride)	600					
	5	Para Fluoro Anisol	200					
	6	Hydrolysis						
	6.1	4 CAP	200					
	6.2	2 CAP	-					
	6.3	2,3,4 TFA						
	7	Chlorination	4000					
	7.1	2,6 DCPNA	4000					
	7.2	2,4,6 TCA						
3.	CONDI	TIONS UNDER WATER (PREVENTION	NAND CONTRO	OL OF PO	LLUTION) ACT 19	74:	
3.1		antity of total fresh water consumption sh			Complied			
	submitte Pollutio	599 + Recycle : 318 KLD) as per break ed for consent application under Water (P n) Act-1974. Industrial : 817 KLD			Water Cor	sumption	is well wit	hin Limit.
	b.	Domestic : 70 KLD			Month	Avg fresh	Avg recycled	Avg Total
	c.	Gardening : 30 KLD				water Consumption (m3/D)	water Consumption (m3/D)	water Consumption (m3/D)
					Apr/24	342.87	74.47	417.33
1	1							

							May/24	312.16	63	375.16			
							Jun/24	297.6	66.17	363.77			
							Jul/24	133.71	35.74	169.45			
							Aug/24	233.61	33.84	267.45			
							Sep/24	207.93	33.9	241.83			
							Average Limit as per	254.64	51.18	305.83			
							EC EC	599	268	867			
3.2	Total quantity of Wastewater ancillary operations shall not			curing proc	ess and o	other	from man	ntity of W lufacturing	g process				
							ancillary of is well with			eeded and			
3.4	Generated @242 KLD indus RO Plants (2 Nos) (150 KL and reuse within premises and	D Capacity d maintain 2	icity)	Complied Unit has Including maintainir (ZLD).	• ETP + ng Zero	ed ZLD RO +	SYstem MEE for						
3.5	The quantity of the domesti which shall be disposed off th		KLD	Unit is treating the Sewage in ETP and also in a process to install a Sewage treatment plant.									
3.6	Domestic effluent shall be tr after confirming below stand		P and utilize f	ation	also in a process to install a Sewage								
	Parameter		Norms				treatment plant.						
	рН		6.5-9.0										
	BOD		30 Mg/l										
	TSS		<100 mg/l										
	Fecal Coliform (MPN/100m	nl)	<1000										
4.	CONDITIONS UNDER TH	IE AIR (PF	REVENTION		NTROL	OF P	OLLUTIO	N)ACT 1	981.				
4.1	The following shall be used a	· · · · ·					Complied		/011				
	Sr. Fuel		Quantity				Unit is Us	sing Diese	l for DG s	et and for			
	1. Diesel		360 Ltr/Hr				Steam tak	en form l	M/S Aarti	Industries			
	2. Steam From M Industries (Acid Div)	I/S Aarti	31 TPH				Limited (Acid Division) by pipeline.						
4.1	The additional flue gas emis following standards:		h following sta	ack shall c	onfirm to		Complied						
	Sr. Fuel No.	Sr. Fuel Stack Air					the conser monitored	ue Gas en nted quant by t	nission is wittes. Same	vell within has been EF/NABL			
	1. Diesel for D.G set (450 KVA)	11	Acoustic closure	PM So2	150 mg 100 pp	m		oarty M/2 Engineers					
	2. Diesel for D.G set (750 KVA)	11	Acoustic closure	Nox	50 ppm	1	Enviro-tech and Engineers Pvt. Lt Surat. Report of the same is attached here						

		Diesel for D.G s (750 KVA)	set 11	Acoustic closure					PM in mg/Nm	SOx	NOx
							Month	DG Set	-		
							GPCI	3 Limit	150	100	50
							Apr/24	DG set 750 KVA - I	65.4	29	33.8
								DG set 750 KVA - II	65.5	37.7	19.2
							May/24	DG set 750 KVA - I	69.7	25	21.5
								DG set 750 KVA - II	69.7	30.4	13.1
							Jun/24	DG set 750 KVA - I	72.9	31.3	13.4
								DG set 750 KVA - II	72.9	28.4	21.1
							Jul/24	DG set 750 KVA - I	60.6	33.9	26.6
								DG set 750 KVA - II	60.6	29.6	21.1
							Aug/24	DG set 750 KVA - I	64.1	30.2	35.5
							Aug/24	DG set 750 KVA - II	64.1	23.1	31.4
							Sep/24	DG set 750 KVA - I	60.2	28.4	32.7
								DG set 750 KVA - II	60.2	26.1	29.4
4.3		Stack attached to			Para meter	Permissible Limit	Process consent is provid	gas Para ed limit ded as pe	& Adequer conser	uate stak nt.	ithin the e height Monthly
	1.	Chlorinator	11 m	Water Scrubber + Alkali Scrubber	Cl2 HCL	09 Mg.Nm3 20 Mg/Nm3	Laborat Enginee	ers Pvt. L	5 Enpro .td Sur	envirot at.	pproved ech and
	2.	SFD Dryer	11 m	Water Scrubber	PM	150 Mg/Nm3	Report	of the same	ne is atta	ached SFD Dryer	Diazo
	3.	Reaction (Daizo)	11m	Water Scrubber +	Nox	25 Mg.Nm3	Month	Decomposi tion	DCBH - 3		Reaction
		Vessels		Alkali	HCL	20 Mg/Nm3	Apr/24	NOx : 23.9	HCL :14	PM : 64	NOx : 17.09
	11										NOx :
	4.	Reactor of	16 m	Scrubber Water			May/24	NOx : 21.60	HCL :12	PM : 90	21.3
	4.	2-Bromo 4 Fluoro	16 m	Water scrubber followed by	Bra	09 mg/NM ³	May/24 Jun/24		HCL :12	PM : 90 PM : 82	
	4.	2-Bromo 4 Fluoro acetanilide Di Chloro	16 m	Water scrubber	Br ₂ HBr	09 mg/NM ³ 20 mg/NM ³		21.60 NOx :			21.3 NOx :
		2-Bromo 4 Fluoro acetanilide Di Chloro Bromo Benzene		Water scrubber followed by alkali Scrubber			Jun/24	21.60 NOx : 19.90 NOx :	HCL :15 HCL :17	PM : 82	21.3 NOx : 22.7 NOx :
	4. 5.	2-Bromo 4 Fluoro acetanilide Di Chloro Bromo	16 m 11m	Water scrubber followed by alkali			Jun/24 Jul/24	21.60 NOx : 19.90 NOx : 23.10 NOx : 22.40 NOx :	HCL :15 HCL :17 HCL :09	PM : 82 PM : 64 PM : 59	21.3 NOx : 22.7 NOx : 19.9 NOx : 21.50 NOx :
		2-Bromo 4 Fluoro acetanilide Di Chloro Bromo Benzene DCNB		Water scrubber followed by alkali Scrubber 3 Stage			Jun/24 Jul/24 Aug/24	21.60 NOx : 19.90 NOx : 23.10 NOx : 22.40 NOx : 19.70	HCL :15 HCL :17	PM : 82 PM : 64 PM : 59 PM : 60	21.3 NOx : 22.7 NOx : 19.9 NOx : 21.50

	7.	Additional 5 Scrubber	11 m	Carbon Tower Water Scrubber	+ V0	ЭС	-								
4.4	premise than the	The concentration of the following substances in the ambient air within the premises of the industry and it a distance of 10 meters from the source (other than the stack /vent with height of more than 9 meters from the ground level) shall not exceed the following levels:									of A nissibl			quali	ty are
	Sr. No.	Pollutant			Time Weighted Average Concentration in Ambient air in µg/M3				stand Labor	ards ratory	by M	OEF Enpr	NAB o env	Lapj	AAQS proved h and
	1.	Sulphur Dioxid	de (SO2)		Annual 24 Hours		50 80		-		ne San	ne is a		ed	
	2.	Nitrogen Diox	ide (NO2)		Annual 24 Hours		40 80		Mont h	Place		PM ₂ . ⁵ μg/m ₃	SOx µg/m ³	NOx µg/m ³	CO mg/ m ³
	3.	Particulate Ma (Size less than			Annual 24 Hours	5	60 100		GPCB	LIMIT	100	60	80	80	2
	4.	PMro Particulate Ma			Annual 40					Nr.ETP Nr. DCNB plant	81 81.6	42 42.1	22 24.3	30.3 31.6	0.66
		(Size less than PMzs			24 Hours	60			Nr. Mainten ance Room	80	40	24.8	31.4	0.63	
	5.	Carbon Monox mg/m"	tide (CO)		8 Hours 1 Hours		02 04			Nr.ETP Nr.	81.8	38	21.4	29.4	0.66
									May/ 24	DCNB plant Nr. Mainten ance	78.5	39.4	21.2	28.2	0.67
										Room Nr.ETP	79.5 75.6	40.8 38.2	23.7 21.5	31.5 26.8	0.72
									Jun/2 4	Nr. DCNB plant	75.6	38.2	26.9	22.7	0.66
										Nr. Mainten ance Room	77	39.4	23.4	27.4	0.65
									11/2	Nr.ETP Nr. DCNB	63.4	28.3	26.5	36.8	0.44
									Jul/2 4	plant Nr. Mainten ance	61.5	27.4	24.1	30.2	0.45
										Room Nr.ETP	60.7 60.5	28.2 26.9	24.5 25.7	30.5 28.9	0.48
									Aug/ 24	Nr. DCNB plant	63.9	29.5	28.8	32.5	0.6
										Nr. Mainten ance Room	57.8	26.4	26.2	30.2	0.54
									Sen/2	Nr.ETP Nr.	60.8	27.4	25.5	29.4	0.61
									Sep/2 4	DCNB plant Nr. Mainten	61	28.7	26.6	30.1	0.58
										ance	60.7	28.1	26.3	29.5	0.6

						Room
4.5		neasures for the cor e commencing produ		environmental pollutant shall be	provided	Noted and Complied.
5.	GEN	ERAL CONDITIO	N:			
5.1				nent or working conditions as mer mediately be intimated to this Boar		Noted.
5.2	Mana	gement of Solid Was	ste gener	ated from industrial activities shall - 2016. (Solid waste as defined	be as per	Complied. Unit is Strictly follows the provisions of the Solid Waste Management Rules – 2016.
6.		HORISATION UN 'EMENT) RULES -		ASTE (MA	ANAGEMENT & TRANSBOUNDARY	
6.1	Numb	per of authorization:	AWH-12	23323, Date of issue: 19.12.2022.		Noted.
6.2	Refer	ence Application No	. 259370	Dated 03/08/2022.		Noted.
6.3	is her report recover other No 90 Sr.	reby granted an auti t for generation, colla ery, pre-processing, use of hazardous or 2, 923, 930, Phase- Name and Categ	horizatio ection, re co-proce other w 3, GIDC		nspection recycling, sal or any as at Plot d. Quantit	Complied. All the Hazardous waste Generated and disposal or recycling are as per this condition and Utilization of Hazardous waste under Rule - 9 is also as per condition
	No	hazardous waste		or recycling or utilization or co-processing	y (Per Year)	
	1. 2.	Used Oil Discarded Container / Bags	33.1	Collection, Storage, Transportation, Disposal by reusing within premises, or by selling to registered refiners having all required permission of SPCB by use of GPC mounted vehicles and XGN manifest system. Collection, Storage, Transportation, Disposal by reusing or by selling to registered recyclers having all required permission of SPCB by use of GPC mounted vehicles and XGN manifest	4.0 KL 96 MT	
	3.	ETP Waste	35.3	system. Collection, Storage, Transportation, Disposal by sending to approved and authorized CHWTSDF sites by	5760 MT	
	4.	MEE Salt	35.3	use of GPC mounted vehicles and XGN manifest system.	1440 MT	
	5.	Process waste/ Distillation Residue	26.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	3675 MT	
	6.	Spent Catalyst	26.5	Collection, Storage, Transportation, Disposal by sending to authorized Re generators/ Co-Processors/ Pre processors /CHWIF sites by	850.92 MT	

			use of GPC mounted vehicles	
7.	Spent Solvent	20.2	and XGN manifest system. Collection, Storage,	1.2 MT
			Transportation, Disposal by sending to authorized Co Processors / Pre processors /CHWIF sites by use of GPC	
			mounted vehicles and XGN manifest system.	
8	Spent Filter Cloth	35.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors /CHWIF/ TSDF sites by use of GPC mounted vehicles and	1500 Nos
9	Date Expired Pesticide	29.3	XGN manifest system.Collection,Storage,Transportation,Disposal bysending to authorized CoProcessors /Pre processors/CHWIF sites by use of GPCmounted vehicles and XGNmanifest system.Collection,Storage,	04 MT
10	Spent Carbon	30.2	Transportation, Disposal by sending to authorized Co Processors / Pre processors /CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	83 M I
11	Gypsum Waste	35.3	Collection, Storage, Transportation, Disposal by sending to authorized Co Processors / Pre processors	2640 MT
12	Insulation Waste	-	/TSDF sites by use of GPC mounted vehicles and XGN manifest system.	16 MT
13	Dilute Sulphuric Acid	B15	Collection, storage, Transportation, Disposal by	147900 MT
14	HBr Solution	B10	sending to authorized End users having valid permission under	874.92 MT
15	HCL 30%	B15	rule-9 of Hazardous & other wastes	9231.48 MT
16	Sodium Sulphate	-	(management & Transboundary Movemenl) rule-2016 by use of	241.68 MT
17	Spent Sulphuric acid (70% and above)	B15	GPC mounted vehicles and XGN manifest system.	20875 MT
18	Concentrated Effluent	29.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors / CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	11.7 KL/D
19	Non- recyclable plastc waste PPE'S	33.1	Collection, Storage, Transportation, Disposal by sending to authorized Co-Processors/ Pre processors / TSDF sites by use of GPC	24 MT

	·	1			1	1
				mounted vehicles and XGN manifest system.		
	20	Ofl Specification product	26.1	Collection,Storage,Transportation,Disposalby	10 MT	
	21	Spent Resin from DM plant	35.2	sending to authorized Co-Processors/ Pre processors / CHWIF sites by use of GPC mounted vehicles and XGN manifest system.	02 MT	
	22SpentSulphuric acid (70% and above)B1523Spent Hydrochloric Acid (30%)B1524Spent SulphuricB15			Reception, Storage and reuse	38400	
				within premises for manufacturing of dye & dyes	MT	
				intermediate Products	21132 MT	
	24		B15		5718 MT	
6.4	The	authorization shall be	valid for	a period of 30/09/2029.		Noted
6.5	The	authorization is subject	t to the	following general and specific con	ditions.	Noted
Α	Gen	eral conditions und	er Haza	rdous and Other Wastes (Mana	agement a	nd Transboundary Movement) Rules –
	2016				8	
	2. 3. 4. 5. 6. 7. 8. 9.	The authorized per Environment (Protecti The authorization or request of an officer a The Board reserves to make variations in accordance wth Seclo The persons authorized transport the hazardou this authorization. Any unauthorized cha as mentioned in the constitute a breach of The person authorize (ERP) for which this specific possible scer possible impacts and interval of time. The person authorize central pollution contri Environmental Dama Waste and Penalty. It is the duty of the au pollution control boar The imported hazardo as well as for any acci The record of consun	der. ion at the bard. ent and/or ns, fit in otherwise d through conditions ized shall Procedure ng all site and their at regular ned in the pilities for Hazardous f the state for transit on.	Noted and is being Complied		

	 The importer or exporter shall bear the cost of import or export and mitigation of damages if any. An application for the renewal of an authorization shall be made as laid down under these rules. 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. Annual return shall be filled by June 30th for the period ensuring 31st March of year. 	
В.	Specific Conditions:	
	 The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with authorization. Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the 	Noted and is being compiled.
	 authorization for hazardous and other waste shall be submitted to PSCB. The occupier of the facility shall comply with Standard operating procedure/guidelines published by MoEF&CC or CPCB or GPCB from time to time. Unit shall comply with provision of E-Waste (Management) Rules – 2016. 	



Environmental Testing Laboratory

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

Analysis Summary Report for Ambient Air Quality Monitoring

Month :September-2024

ST 1545503

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1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi. Location: Near ETP Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date						R	esults					Design of
	Parameters	PM ₁₀	PM2.5	SO2	NO ₂	CO		Contrast V	1				
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	NH ₃	Ozone	Benzeno	BaP	Pb	Ni	As
1.	02/09/2024	53.5	24.8	22.5	27.3	0.58	µg/m³	µg/m³	µg/m³.	ng/m ³	µg/m ³	ng/m ³	ng/m
2.	03/09/2024	62.4	28.3	25.6	29.2	The state of the s	18.4	12.6	BDL	BDL	BDL	BDL	BDL
3.	09/09/2024	57.3	26.1	24.3	and the second second	0.65	17.5						
4.	10/09/2024	64.6	30.2	the second second	28.8	0.55							145
5.	16/09/2024	55.2	25.3	28.4	31.3	0.67					12.2		
6.	17/09/2024	68.7	31.5	23.2	26.7	0.53	100	94				+++	
7.	23/09/2024	59.5	and the second se	29.7	32,4	0.62							5-01
8.	24/09/2024	70.3	26.6	23.5	28.6	0.58			-				
9.	30/09/2024	the second se	33.4	31.3	35.5	0.75							
10.	01/10/2024	65.2	29.7	27.6	30.2	0.68					- Lubber		
10.	the second se	51.6	21.5	19.8	24.7	0.49						-	
	Maximum	70.3	33.4	31.3	35.5	0.75					***		
-	Minimum	51.6	21.5	19.8	24.7	0.49							
	Average	60.8	27.74	25.5	29.4	0.61	201	++			- 55		
	missible				NOT T	0.01			**)		82W
NA	it (As Per AQMS) ark: - 1. Metho	100	60	80	80	02	400	100	05	01	01	20	06

Note: BDL-Below Detectable Limit.

ANALYSED BY

C. An datai AUTHORIZED SIGNATORY

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



Environmental Testing Laboratory

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Analysis Summary Report for Ambient Air Quality Monitoring

Month :September-2024

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near DCNB Plant

 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
	Parameters	PM _{t0}	PM2.5	SO ₂	NO ₂	CO	NH ₃						
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	and the second se	Ozone	Benzene	BaP	Pb	Ni	As
1.	02/09/2024	62.6	28.4	26.5	29.3	0.65	µg/m ³	ug/m ³	µg/m³	ng/m ³	µg/m ³	ng/m ³	ng/m
2.	03/09/2024	55.8	25.2	23.3	27.5	The second se	14.5	7.4	BDL	BDL	BDL	BDL	BDL
3.	09/09/2024	72.3	34.7	32.5	35.6	0.56				++			
4.	10/09/2024	65.4	32.5	30.4	and the second se	0.76				-			222
5.	16/09/2024	58.9	26.6	24.2	34.8	0.63			-				
6.	17/09/2024	63.2	29.2	27.3	28.5	0.54							
7.	23/09/2024	56.5	30.3	28.7	30.2	0.61				-			
8.	24/09/2024	64.7	31.4	and the second second second	31.7	0.58				**			
9.	30/09/2024	51.6	22.8	29.6	32.4	0.55					4.5	22.0	
10.	01/10/2024	53.2	and the second se	20.2	23.3	0.39	-77						
	Maximum	72.3	23.5	21.8	25.8	0.46							
	Minimum	51.6	34.7	32.5	35.6	0.76	(eee)						
-	Average	61.0	22.8	20.2	23.3	0.39		44					1000
Permissible		01.0	28.7	26.6	30.1	0.58		·				1	
limit (As Per VAAQMS)		100 od Follov	60	80	80	02	400	100	05	01	01	20	06

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

C.A. Dajai AUTHORIZED SIGNATORY

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



Environmental Testing Laboratory

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near Maintenance Room
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results											
	Parameters	PM ₁₀	PM _{2.5}	SO2	NO ₂	co	NH ₃	Ozone	Demo	-			
	Unit	µg/m³	µg/m³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	and the second se	Benzene	BaP	Pb	Ni	As
1.	02/09/2024	69.4	31.3	29.6	33.5	0.71	and the second se	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m
2.	03/09/2024	56.5	23.7	21.5	25.4	Contraction of the local division of the loc	17.6	10.3	BDL	BDL	BDL	BDL	BDL
3.	09/09/2024	72.6	35.4	33.3	36.2	0.58							
4.	10/09/2024	58.3	29.2	26.4	String Linkshow Scillenses	0.76	~-	-					
5.	16/09/2024	67.7	32.6	29.2	30.7	0.59		144			.++		1
6.	17/09/2024	54.5	25.7	the second s	31.6	0.65			0				-
7.	23/09/2024	51.2		23.1	26.8	0.56				-			
8.	24/09/2024	The Design of the second se	24.8	22.7	25.3	0.49		1442					-
9.	30/09/2024	63.8	27.3	29.6	32.4	0.68	144					44	***
10.	The second	52.4	21.2	19.8	23.9	0.46							
10.	01/10/2024	60.9	30.5	28.2	29.6	0.53					**		
	Maximum	72.6	35.4	33.3	36.2	0.76					276		-
	Minimum	51.2	21.2	19.8	23.9	0.46	1995						100
	Average	60.7	28.1	26.3	29.5	0.60			1774				
Permissible Limit (As Per NAAQMS) Remark: - 1. Metho				20.0	20.0	0.00	10763					1.00	
		100	60	80	80	02	400	100	05	01	01	20	06

2. Note: BDL-Below Detectable Limit.

ANALYSEBBQ

C. R. Dajai AUTHORIZED SIGNATORY

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Environmental Testing Laboratory

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

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-Ill, GIDC, Vapi. Location: Near ETP Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
110.	Parameters	PM ₁₀	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m³	µg/m³	µg/m³	ng/m ³	µg/m³	ng/m ³	ng/m	
1.	05/08/2024	72.3	33.2	32.5	36.1	0.86	19.8	13.5	BDL	BDL	BDL	BDL	BDL	
2.	06/08/2024	68.7	29.4	30.2	33.3	0.77				-		200		
3.	12/08/2024	56.4	24.6	28.6	31.5	0.69		844			(144		(444-)	
4.	13/08/2024	64.5	27.7	25.4	29.7	0.58		1122			(<u>44</u>			
5.	19/08/2024	58.2	30.5	19.5	21.4	0.64					675	8778		
6.	20/08/2024	49.7	22.3	22.3	26.2	0.34	1 443							
7.	26/08/2024	61.8	26.4	29.7	32.6	0.48					(222		-	
8.	27/08/2024	52.6	20.8	17.8	20.5	0.39			175 3		0.75	1000		
	Maximum	72.3	33.2	32.5	36.1	0.86		(mm)				1.85		
_	Minimum	49.7	20.8	17.8	20.5	0.34		223	56 (6 (6)		. 			
	Average	60.5	26.9	25.7	28.9	0.59		<u>.</u>	22.7	-	448			
Li	ermissible mit (As Per NAAQMS)	100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

ANALYSED BY

G . a . Dorni

AUTHORIZED SIGNATORY



Environmental Testing Laboratory

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near DCNB Plant
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date						Re	sults				,	
and the second se	Parameters	PM ₁₀	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m³	µg/m ³	µg/m³	ng/m ³	µg/m³	ng/m ³	ng/m ³
1.	05/08/2024	64.5	29.7	30.2	33.5	0.75	15.3	8.5	BDL	BDL	BDL	BDL	BDL
2.	06/08/2024	59.8	30.6	28.4	31.3	0.68			222				
3.	12/08/2024	72.1	32.4	33.5	36.2	0.52					1 122		
4.	13/08/2024	55.7	26.2	25.3	29.4	0.65	(ette						1000
5.	19/08/2024	68.4	30.5	31.6	34.7	0.56		8.00	***	775			
6.	20/08/2024	77.6	35.3	35.8	40.5	0.83			**	177	1577		
7.	26/08/2024	62.3	27.4	24.7	28.6	0.40	++	**	HR :		8.000		
8.	27/08/2024	51.2	23.8	21.5	25.8	0.45			-	÷.			1.11
	Maximum	77.6	35.3	35.8	40.5	0.83		<u></u>					
	Minimum	51.2	23.8	21.5	25.8	0.40			¥	(initia)	**		-
	Average	63.9	29.5	28.8	32.5	0.60					**		
Limi	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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Environmental Testing Laboratory

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

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

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plo	t No. 902, Phase-III, GIDC, Vapi.
Location: Near Maintenance Room	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date						R	esults					
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m³	µg/m ³	µg/m ³	and the second se	µg/m ³	the second s	µg/m ³	ng/m ³	and the second s	ng/m ³	
1.	05/08/2024	58.5	28.2	25.5	29.8	0.67	19.5	11.4	BDL	BDL	BDL	BDL	BDL
2.	06/08/2024	62.3	30.4	28.4	32.3	0.73							HIL HIL
3.	12/08/2024	74.6	33.7	33.5	37.6	0.82	-						
4.	13/08/2024	46.5	19.8	21.3	26,7	0.47						-	
5.	19/08/2024	55.2	24.6	23.9	28.2	0.53				244		-	223
6.	20/08/2024	49.6	20.3	18.7	22.5	0.36					-		222
7.	26/08/2024	64.7	31.8	30.6	34.3	0.46	-			32	100	1.1	
8.	27/08/2024	51.3	22.5	27.8	30.2	0.28	1222		1822	844	152		
	Maximum	74.6	33.7	33.5	37.6	0.82	622	1000	822	100			
	Minimum	46.5	19.8	18.7	22.5	0.28	3222						
	Average	57.8	26.4	26.2	30.2	0.54	-						
Limit	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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Environmental Testing Laboratory

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Analysis Summary Report for Ambient Air Quality Monitoring Mont

Month :July-2024

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot Location: Near ETP	No. 902, Phase-III, GIDC, Vani
	Duration of Sampling: 24 hours

2. Analysis Results:

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

2. Note: BDL-Below Detectable Limit.

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

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near Maintenance Room

 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date						R	esults					
	Parameters	PM10	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Donzono			1	
	Unit	µg/m³	µg/m ³	µg/m ³	µg/m ³	mg/m ³		the second se	Benzene	BaP	Pb	Ni	As
1.	01/07/2024	65.3	28.3	32.6	41.3	0.89	μg/m ³	µg/m ³	µg/m³	ng/m ³	µg/m³	ng/m ³	ng/m
2.	02/07/2024	55.4	25.2	25.3	28.6		21.6	13.2	BDL	BDL	BDL	BDL	BDL
3.	08/07/2024	78.6	35.4	42.4	47.5	0.68							
4.	09/07/2024	69.5	31.3	19.7	25.4	0.74							
5.	15/07/2024	58.7	29.6	24.8	35.2	0.42							
6.	16/07/2024	49.9	21.1	17.2	23.3	0.36							
7.	22/07/2024	70.3	30.5	21.1	26.8	0.54							
8.	23/07/2024	62.5	26.7	15.5		0.19							
9.	29/07/2024	54.2	23.3	28.2	19.9	0.24							
10.	30/07/2024	50.8	22.8		32.4	0.33							
	Maximum	78.6	35.4	14.3	21.6	0.18							
	Minimum	49.9		42.4	47.5	0.89							
	Average		21.1	14.3	19.9	0.18							
		61.5	27.4	24.1	30.2	0.45							
	issible (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06
NAAQ					80	02	400	100	05	01	01	20	(

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

2. Note: BDL-Below Detectable Limit.

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Environmental Testing Laboratory

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

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near DCNB Plant
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Data						R	esults					
	Parameters	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	00		_					
	Unit	µg/m ³	µg/m ³			CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
1.	01/07/2024	77.7	36.2	38.2	$\mu g/m^3$	mg/m ³		µg/m³	µg/m³	ng/m ³			
2.	02/07/2024		25.5	26.4	44.3	0.89	17.5	9.4	BDL	BDL	BDL	BDL	BDL
3.	08/07/2024	61.5	27.4	19.6		0.63							BDL
4.	09/07/2024	66.8	30.6	35.5	24.5	0.55							
5.	15/07/2024	54.2	23.3	25.3	48.8	0.73							
6.	16/07/2024	72.4	34.7	15.8	30.6	0.45							
7.	22/07/2024	48.5	21.4		20.3	0.26							
8.	23/07/2024	60.6		21.7	26.9	0.38							
9.	29/07/2024	59.8	32.5	31.3	38.8	0.21							
10.	30/07/2024		30.2	14.4	21.6	0.41							
	Maximum	50.1	20.6	17.5	19.9	0.29							
	Minimum	77.7	36.2	38.2	48.8	0.89							
		48.5	20.6	14.4	19.9	0.21							
Porm	Average	60.7	28.2	24.5	30.6	0.48							
	nissible												
NAAG		100	60	80	80	02	400	100	05	01	01	20	06
, Rem	nark: - 1 Meth	Ind Falle	und IC	E400									

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

2. Note: BDL-Below Detectable Limit.



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

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Environmental Testing Laboratory

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

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near Maintenance Room
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date						R	esults					
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³		µg/m ³	ng/m ³		ng/m ³	ng/m ³
1.	03/06/2024	92.3	56.6	31.3	32.6	0.75	24.2	15.5	BDL	BDL	BDL	BDL	BDL
2.	04/06/2024	88.5	46.7	33.6	35.8	0.84							
3.	10/06/2024	74.6	36.3	21.9	26.3	0.58							
4.	11/06/2024	84.3	49.2	24.5	30.4	0.67							
5.	17/06/2024	77.6	37.1	19.7	25.3	0.45							
6.	18/06/2024	69.5	29.6	17.2	20.2	075							
7.	24/06/2024	70.2	31.5	20.6	23.6	0.62							
8.	25/06/2024	64.3	28.2	18.6	19.5	0.54							
,	Maximum	92.3	58.2	33.6	35.8	0.84							
	Minimum	64.3	28.2	17.2	19.5	0.54							
	Average	77.7	39.4	23.4	27.7	0.65							
Limit	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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Environmental Testing Laboratory

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

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.),	Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near DCNB Plant	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
	Parameters	PM10	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m	
1.	03/06/2024	90.1	52.3	26.5	30.4	0.96	18.3	10.2	BDL	BDL	BDL	BDL	BDL	
2.	04/06/2024	78.5	38.9	36.4	30.2	0.61								
3.	10/06/2024	87.5	45.2	25.6	19.5	0.75								
4.	11/06/2024	80.2	40.9	32.4	25.1	0.66								
5.	17/06/2024	74.2	36.9	30.2	22.6	0.45								
6.	18/06/2024	70.5	32.2	24.5	20.3	0.58								
7.	24/06/2024	68.3	30.5	20.5	17.2	0.40								
8.	25/06/2024	55.4	28.9	19.4	16.3	0.51	22							
	Maximum	90.1	52.3	36.4	30.4	0.96								
	Minimum	55.4	28.9	19.4	16.3	0.40		-						
	Average	75.6	38.2	26.9	22.7	0.60		-						
Limi	nissible it (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06	

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

2. Note: BDL-Below Detectable Limit.

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near ETP
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results													
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As		
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m		
1.	03/06/2024	94.2	52.8	26.3	34.6	0.82	24.5	16.3	BDL	BDL	BDL	BDL	BDL		
2.	04/06/2024	76.2	38.4	19.6	24.5	0.78									
3.	10/06/2024	89.2	44.6	21.6	25.3	0.64		-+							
4.	11/06/2024	72.8	33.7	30.5	36.8	0.55									
5.	17/06/2024	80.3	39.2	23.2	30.5	0.42									
6.	18/06/2024	72.7	36.5	19.6	26.2	0.50									
7.	24/06/2024	63.5	32.1	17.3	19.6	0.36									
8.	25/06/2024	56.4	28.2	14.6	16.5	0.32									
	Maximum	94.2	52.8	30.5	36.8	0.82									
	Minimum	56.4	28.2	14.6	16.5	0.32									
	Average	75.6	38.2	21.5	26.8	0.54									
Limi	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06		

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

2. Note: BDL-Below Detectable Limit.

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

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi. Location: Near ETP Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date		Results										
	Parameters	PM10	PM _{2.5}	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Dh	A.11	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	and the second se		Pb	Ni	As
1.	06/05/2024	96.8	54.6	27.3	35.2	0.79	28.5		µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/n
2.	07/05/2024	70.3	33.4	14.3	23.9	0.80		19.3	BDL	BDL	BDL	BDL	BDI
3.	13/05/2024	78.2	38.9	20.2	26.7	0.60							
4.	14/05/2024	68.5	29.7	15.4	22.5								
5.	20/05/2024	92.7	51.3		the second s	0.49							
6.	21/05/2024	76.7	the second s	26.5	35.7	0.38	-			-	-		
7.	27/05/2024	the second s	36.5	28.0	39.1	0.85			-				
		89.2	47.1	20.8	26.9	0.94			-	-			-
8.	28/05/2024	82.6	43.1	19.4	25.7	0.52						1.1.1	
	Maximum	96.8	54.6	28.0	39.1	0.94			_				
	Minimum	68.5	29.7	14.3	22.5	0.38							
	Average	81.8	41.8	21.4	29.4	0.66							
Perm	issible					0.00				**			
Limit	(As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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

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

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi. Location: Near DCNB Plant , Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Date Results											
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/n
1.	06/05/2024	73.1	32.1	18.5	25.9	0.58	19.4	11.2	BDL	BDL	BDL	BDL	BDI
2.	07/05/2024	87.5	48.9	25.0	34.1	0.96							
3.	13/05/2024	75.5	36.9	13.7	19.6	0.74							
4.	14/05/2024	69.3	30.4	15.2	22.6	0.62							
5.	20/05/2024	83.6	42.5	22.6	33.7	0.58							
6.	21/05/2024	80.1	41.3	30.7	36.9	0.61						-	
7.	27/05/2024	78.1	38.3	18.0	22.1	0.43						-	
8.	28/05/2024	81.4	44.8	26.3	34.2	0.87							
_	Maximum	87.5	48.9	30.7	36.9	0.96							
	Minimum	69.3	30.4	13.7	19.6	0.43		· · · · · ·					
	Average	78.5	39.4	21.2	28.6	0.67							
Limit	issible (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06

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

2. Note: BDL-Below Detectable Limit.

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

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near Maintenance Room
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results													
	Parameters	PM ₁₀	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As		
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/n		
1.	06/05/2024	79.0	40.4	24.8	33.7	0.79	28.1	19.4	BDL	BDL	BDL	BDL	BDL		
2.	07/05/2024	91.5	52.7	32.2	40.3	0.84									
3.	13/05/2024	74.6	36.3	21.5	25.6	0.55									
4.	14/05/2024	85.3	49.2	23.6	29.8	0.69									
5.	20/05/2024	76.6	37.1	20.1	27.9	0.42									
6.	21/05/2024	69.5	29.6	16.5	23.7	0.73									
7.	27/05/2024	81.5	43.5	25.4	34.1	0.91					-				
8.	28/05/2024	78.3	38.2	25.6	37.0	0.86					***				
	Maximum	91.5	52.7	32.2	40.3	0.91									
	Minimum	69.5	29.6	16.5	23.7	0.41							-		
	Average	79.5	40.8	23.7	31.5	0.72						244			
Limit	issible : (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06		

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

2. Note: BDL-Below Detectable Limit.

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Environmental Testing Laboratory

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

Analysis Summary Report for Ambient Air Quality Monitoring Month : April-24

1. GENERAL DETAILS:

Name of Industry: Aarti Industries Ltd. (Alchemie Org.	Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.
Location: Near Maintenance Room	Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results												
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As	
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m	
1.	01/04/2024	81.3	40.7	24.8	31.6	0.94	26.4	18.2	BDL	BDL	BDL	BDL	BDL	
2.	02/04/2024	74.9	36.3	20.7	29.6	0.58							-	
3.	08/04/2024	85.5	45.0	28.1	36.2	0.73							1.022	
4.	09/04/2024	94.9	54.6	32.7	41.7	0.65								
5.	15/04/2024	81.2	45.1	19.5	25.7	0.72								
6.	16/04/2024	70.5	32.2	17.4	21.5	0.58								
7.	22/04/2024	77.4	34.9	25.3	32.9	0.46					-			
8.	23/04/2024	84.2	42.7	26.4	37.5	0.54				-				
9.	29/04/2024	70.3	30.1	16.0	23.8	0.43						77.2	1.77	
10.	30/04/2024	80.6	43.8	25.3	34.1	0.69			-		-			
	Maximum	94.9	54.6	32.7	41.7	0.94								
	Minimum	70.3	30.1	16.0	21.5	0.43								
	Average	80.0	40.5	23.6	31.4	0.63								
Limit	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06	

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

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Analysis Summary Report for Ambient Air Quality Monitoring Month : April-24

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near ETP
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date		Results												
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As		
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m		
1.	01/04/2024	75.4	36.1	17.4	23.9	0.49	25.1	15.9	BDL	BDL	BDL	BDL	BDL		
2.	02/04/2024	94.2	52.7	24.5	36.2	0.60									
3.	08/04/2024	83.3	41.7	16.4	26.5	0.73						-			
4.	09/04/2024	89.9	48.5	23.7	32.9	0.65			-						
5.	15/04/2024	67.5	34.2	19.5	25.7	0.48									
6.	16/04/2024	86.4	49.6	33.9	42.7	0.59									
7.	22/04/2024	73.9	33.7	25.2	36.3	0.82									
8.	23/04/2024	79.8	38.5	18.7	25.4	0.73	1.00								
9.	29/04/2024	82.4	47.8	22.0	28.4	0.72									
10.	30/04/2024	78.1	38.0	19.2	25.5	0.86									
	Maximum	94.2	52.7	33.9	42.7	0.86						-			
	Minimum	67.5	33.7	16.4	23.9	0.48									
	Average	81.0	42.0	22.0	30.3	0.66				-	-				
Limit	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06		

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

2. Note: BDL-Below Detectable Limit.

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Analysis Summary Report for Ambient Air Quality Monitoring Month : April-24

1. GENERAL DETAILS:

 Name of Industry: Aarti Industries Ltd. (Alchemie Org. Ltd.), Plot No. 902, Phase-III, GIDC, Vapi.

 Location: Near DCNB Plant
 Duration of Sampling: 24 hours

2. Analysis Results:

Sr. No.	Date	Results													
	Parameters	PM10	PM2.5	SO ₂	NO ₂	CO	NH ₃	Ozone	Benzene	BaP	Pb	Ni	As		
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	ng/m		
1.	01/04/2024	81.9	42.1	21.8	25.9	0.67	21.3	15.4	BDL	BDL	BDL	BDL	BDL		
2.	02/04/2024	74.0	34.2	17.5	23.4	0.89									
3.	08/04/2024	91.3	52.7	28.8	37.9	0.41		122	22	322	122		1.1.1		
4.	09/04/2024	87.4	46.3	26.4	37.5	0.37					122	223	522		
5.	15/04/2024	76.9	35.9	19.4	25.5	0.63			-	-		-			
6.	16/04/2024	83.9	45.1	34.5	40.7	0.85									
7.	22/04/2024	85.2	48.6	30.1	38.0	0.94									
8.	23/04/2024	72.4	32.2	19.0	26.4	0.49							3.77		
9.	29/04/2024	75.9	34.3	19.2	25.7	0.67							1.000		
10.	30/04/2024	86.7	49.4	26.3	35.1	0.53			-						
	Maximum	91.3	52.7	34.5	40.7	0.94						***			
	Minimum	72.4	32.2	17.5	23.4	0.37					()				
	Average	81.6	42.1	24.3	31.6	0.65									
Limit	nissible t (As Per QMS)	100	60	80	80	02	400	100	05	01	01	20	06		

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

2. Note: BDL-Below Detectable Limit.

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Annexure-12 ENPRO Enviro Tech and Engineers Pvt. Ltd.

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Test Report

Format No : OR/7.8/03 Test Report No : TC588524000002910F Issue Date : 16/04/2024 ULR No: TC588524000002910F **Discipline : Chemical** Group : Atmospheric Pollution Customer's Name & Address : Aartl Industries Ltd (Alchemie Org. Ltd.) Plot No.-902, Phase-III, GIDC Estate, Vapi- 396195, Dist. - Valsad Description of Monitoring : Noise Level Monitoring Sampling By : Vihang Patel Sampling & Test Method : WI/N/01 Date of Sampling : 09/04/2024 Duration of Sampling :1 hr / Location Description of Location : As per Table Given Below Sample ID :0424/N02910 Type of Test : On Site Testing Protocol : Ambient Noise Level Monitoring RESULT TABLE SR. DAY TIME NOISE NIGHT TIME NOISE LOCATION NO. LEVEL dB (A) Leq LEVEL dB (A) Leg 1 Nr. Main Gate 60.2 56.9 2 Nr. Engineering Workshop 69.1 59.3 LIMIT 75 70

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

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

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Test Report

Form	at No: QR/7.8/03		Test Report N	o : TC58	8524000002911F	Issue	e Date : 16/04/2024
ULR	No: TC588524000	002911F	Discipline : C	hemical		Grou	p : Atmospheric Pollution
Cust	omer's Name & Add		Industries Ltd (Ald Io902, Phase-III, (Dist Va	Isad
Desci	ription of Monitoring	: Indoor Mea	asurement of Noise	l.			
Sampling By : Vihang Patel				Samp	ling & Test Method	: WI/N/0	03
Date	of Sampling	: 09/04/2024	4	Duration of Sampling		:1 hr / Location	
Desc	ription of Location	: As per Tab	le Given Below	Samp	le ID	:0424/N	02911
Туре	of Test	: On Site Testing			ol	: Workp	lace Noise Level Monitoring
			RES	ULT TAB	LE	1	
SR. NO.		LOCATIO	N		DAY TIME NO LEVEL dB (A)		NIGHT TIME NOISE LEVEL dB (A) Leq
1	ETP Area				70.2	-	65.3
2	Inside DG Room (D)G On)			84.6		69.9
3	DCBH Plant				76.3		70.4
4	DCNB Plant				80.9		73.6
				LIMIT	TLV - 85		TLV - 85

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Test Report

			and one of the other states of the other state	1			
Forma	at No : QR/7.8/03		Test Report No :	TC588524000004207F	Issue	Date : 23-05-2024	
1019 E 100	No : TC5885240000	04207F	Discipline : Chen		Group : Atmospheric Pollution		
	omer's Name & Addr	ess: Aarti li	ndustries Ltd (Alche o902, Phase-III, GID	mie Org. Ltd.) C Estate, Vapi- 396195, I	Dist Vals	sad	
Samp Date (Descr	iption of Monitoring ling By of Sampling ription of Location of Test	: Noise Level : Prashant Pa : 16-05-2024 : As per Tabl : On Site Tes	atel e Given Below	Sampling & Test Method Duration of Sampling Sample ID Protocol	: 1 hr / Lo : 0524/N	ocation	
Type	011001	5 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	RESUL	T TABLE			
SR. NO.		LOCATIO		DAY TIME NOI LEVEL dB (A)		NIGHT TIME NOISE LEVEL dB (A) Leq	
	No. 11-in Cata			72.1		53.6	
• 1	Nr. Main Gate	diaban		64.3		67.8	
2	Nr. Engineering Wo	nksnop		117 70		70	

LIMIT

75

NOTE : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PM To 06:00 AM 12

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Environmental Testing Laboratory

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Test Report

Format No	: QR/7.8/03		Test Report No	: TC588	524000004208F	1.	Date : 23-05-2024	
(U)	TC5885240000	04208F	Discipline : Ch	nemical		Group : Atmospheric Pollution		
-			Industries Ltd (Ald		rg. Ltd.)			
Customer	's Name & Addr	Plot N	lo902, Phase-III, C	GIDC Esta	te, Vapi- 396195, I	Dist Val	sad	
Sampling I Date of Sa	mpling n of Location	: Prashant I : 16-05-202	4 ble Given Below	Sampl		: 1 hr / L : 0524/N	ocation	
Type of ite				ULT TAB	LE			
SR.		LOCATIO	DN		DAY TIME NO LEVEL dB (A)		NIGHT TIME NOISE LEVEL dB (A) Leq	
NO.	D 4:00				72.2		60.9	
	P Area	00.00			80.1		74.1	
	ide DG Rocm (I	JG UII)			74.1		68.4	
Contraction of the second	BH Plant				82.6		70.0	
4 DC	NB Plant			LIMIT	TLV - 85	e	TLV - 85	

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Test Report

Format No: QR/7.8/0	3	Test Report N	lo : TC588524000006078F	Issu	e Date : 02-07-2024		
ULR No : TC5885240	JLR No : TC588524000006078F		Chemical	Group : Atmospheric Pollut			
Customer's Name & A			chemie Org. Ltd.) GIDC Estate, Vapi- 396195, I	Dist Va	Isad		
Description of Monitorir							
Sampling By	: Nikunj Vagl	nasiya	Sampling & Test Method	Sampling & Test Method : WI/N/01			
Date of Sampling	: 25-06-2024		Duration of Sampling		Location		
Description of Location	: As per Tabi	e Given Below	Sample ID	:0624/1	N06078		
Type of Test	: On Site Tes	sting	Protocol	: Ambie	nt Noise Level Monitoring		
		RES	ULT TABLE		<u>r</u>		
SR. NO.	LOCATIO	N	DAY TIME NOI LEVEL dB (A)		NIGHT TIME NOISE LEVEL dB (A) Leq		
1 Nr. Main Gate			70.2		55.1		
2 Nr. Engineering Workshop			67.4		52.4		

LIMIT

75

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

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Test Report

			-			10 - 5665	
Format No: QR/7.8/03	rmat No: QR/7.8/03 Test Report No: TC5			24000006079F	Issu	e Date : 02-07-2024	
JLR No : TC588524000006079F Discipline : Chemica			emical	l Gro		oup : Atmospheric Pollution	
Customer's Name & Add		Industries Ltd (Alch o902, Phase-III, GI			Dist Va	Isad	
Description of Monitoring		surement of Noise					
Sampling By	: Nikunj Vag	hasiya	Samplin	g & Test Method	: WI/N/)3	
Date of Sampling	: 25-06-2024					: 1 hr / Location	
Description of Location	: As per Table Given Below		Sample ID :		:0624/	:0624/N06079	
Type of Test	: On Site Testing		Protocol :Work		lace Noise Level Monitorin		
· · · · ·		RESUL	T TABLE				
SR. NO.	LOCATION			DAY TIME NO LEVEL dB (A)	176770	NIGHT TIME NOISE LEVEL dB (A) Leq	
1 ETP Area	ETP Area			74.1		62.6	
2 Inside DG Room (I	Inside DG Room (DG On)			83.7		70.3	
3 DCBH Plant	DCBH Plant			71.9		65.4	
4 DCNB Plant				80.1		72.1	
		LI	MIT	TLV - 85		TLV - 85	

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Test Report

Forr	rmat No : QR/7.8/03 Test Report No. 7					IC - 5885	
		Test Report No : TC588524000006702F		Issue Date : 19-07-2024			
ULR No: TC588524000006702F			Discipline : 0	Chemical		-	p : Atmospheric Pollution
Cus	tomer's Name & Add	ress : Aarti In	dustries Ltd (Al	chemie O	rg. Ltd.)		
	cription of Monitoring	. HOISG LEVEL	wonitoring	GIDC Esta	ate, Vapi- 396195, [Dist Val	sad
Sampling By Date of Sampling		· NINGHI VAUHASIVA				: WI/N/0	1
	ription of Location	: As per Table Given Below : On Site Testing		Sample ID		: 1 hr / Location : 0724/N06702 : Ambient Noise Level Monitoring	
	of Test						
SR.			RES	ULT TABL	E	tr and of	a noise Level Monitoring
NO.	LOCATION				DAY TIME NOIS LEVEL dB (A) L	E	NIGHT TIME NOISE
1	Nr. Main Gate				71.4		LEVEL dB (A) Leq
2 Nr. Engineering Workshop				60.2			
			1	IMIT	69.1		56.7
OTE	DTE : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00				75		70

10:00 PM & Night Time : 10:00 PM To 06:00 AM

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Test Report

Format No : QR/7.8/0	ormat No : QR/7.8/03					TC - 5885
ULR No : TC58852400006703F Discipline : Char		D: TC588524000006703F		Issue D	Issue Date : 19-07-2024	
ULK NO: 1C5885240	00006703F	Discipline : Cl	nemical		Group .	Atmospheric Pollution
Customer's Name & A	ddress : Aarti I Plot N	ndustries Ltd (Alc	hemie O	rg. Ltd.)		
Description of Monitorin	g : Indoor Mea	o902, Phase-III, G isurement of Noise	IDC Esta	ite, Vapi- 396195,	Dist Valsad	1
Sampling By : Nikunj Vaghasiya Date of Sampling : 12-07-2024 Description of Location : As per Table Given Below Type of Test : On Site Testing		Sampling & Test Method : Duration of Sampling : Sample ID :		: WI/N/03 : 1 hr / Location : 0724/N06703 : Workplace Noise Level Monitoring		
0.0		RESU	LT TABL	E		riverse Level Monitoring
NO.	IO. LOCATION			DAY TIME NOIS LEVEL dB (A) I		NIGHT TIME NCISE LEVEL dB (A) Leg
1 ETP Area				76.5	,	
2 Inside DG Room (DG On)				80.2		68.4
3 DCBH Plant						72.2
4 DCNB Plant	4 DCNB Plant			74.4		62.8
			BAIT	83.4		69.7
LIMIT				TLV - 85		TLV - 85

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		lest	Report	TC - 5885
Format No: QR/7.8/03		Test Report N	lo : TC588524000007952F	Issue Date : 21-08-2024
ULR No : TC588524000007952F Discipline : Chemical			Chemical	Group : Atmospheric Pollution
Customer's Name & Add	2000 C	것 말 많 이 것 않는 것 것 같 것 같아.	chemie Org. Ltd.) GIDC Estate, Vapi- 396195,	Diet Volcod
Description of Monitoring	: Noise Leve	And an and a second	GIDO Estate, Vapi- 550155,	Dist Valsau
Sampling By	: Nikunj Vag	hasiya	Sampling & Test Method	d : WI/N/01
Date of Sampling	: 14-08-2024	1	Duration of Sampling	: 1 hr / Location
Description of Location	: As per Table Given Below		Sample ID	:0824/N07952
Type of Test	: On Site Te	sting	Protocol	: Ambient Noise Level Monitoring
		RES	ULT TABLE	

T----

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Main Gate	62.2	58.7
2	Nr. Engineering Workshop	70.1	61.3
	LIMIT	75	70

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

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

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AUTHORISED SIGNATORY Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf. Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

CHECKED BY Sweety Patel (Dy.TM)

RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC -NABL ACCREDITED CALIBRATION LABORATORY (CC-2959)
 «QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION -GPCB APPROVED SCHEDÜLE II ENVIRONMENTAL AUDITOR
 «ISO 9001 : 2015 - ISO 14001 : 2015 - ISO 45001 : 2018



Environmental Testing Laboratory

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



		Testr	Report	10 - 5885	
Format No: QR/7.8/03 Test Report No ULR No: TC588524000007953F Discipline: Clipped Comparison		Test Report N	o: TC588524000007953F	Issue Date : 21-08-2024	
		hemical	Group : Atmospheric Pollution		
Customer's Name & Add	Plot No	o902, Phase-III, (c hemie Org. Ltd.) GIDC Estate, Vapi- 396195, I	Dist Valsad	
Description of Monitoring	: Indoor Mea	surement of Noise			
Sampling By	: Nikunj Vagl	nasiya	Sampling & Test Method	: WI/N/03	
Date of Sampling		Duration of Sampling	: 1 hr / Location		
Description of Location	: As per Table Given Below		Sample ID	:0824/N07953	
Type of Test : On Site Testing		Protocol	: Workplace Noise Level Monitoring		
		RES	ULT TABLE		

Test Peport

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	LEVEL dB (A) Leq	
1	ETP Area	73.1	60.9	
2	Inside DG Room (DG On)	84.3	74,1	
3	DCBH Plant	71.1	69.4	
4	DCNB Plant	80.6	71.0	
	LIMIT	TLV - 85	TLV - 85	

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

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AUTHORISED SIGNATORY Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mentioned overleaf. Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MOEF & CC *NABL ACCREDITED CALIBRATION LABORATORY (CC-2959) +QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION +GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR • ISO 14001 : 2015 • ISO 45001 : 2018 +ISO 9001 : 2015

CHECKED BY

Sweety Patel (Dy.TM)



Environmental Testing Laboratory

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

Test Report



70

				TTABATA		TC - 5885	
Format No : QR/7.8/03		Test Report No : EP/0924/02252 Discipline : Chemical		Issu	Issue Date : 20-09-2024		
				Gro	up : Atmospheric Pollution		
Cust	tomer's Name & Add		ndustries Ltd (Alch 0902, Phase-III, GI	emie Org. Ltd.) DC Estate, Vapi- 396195,	Dist - Va	Isad	
Desc	ription of Monitoring	: Noise Level					
Sampling By : ENPRO Team-Mr.V		m-Mr.Vihang Patel Sampling & Test Method		d :WIN	: WI/N/01		
Date	of Sampling	: 12-09-2024	279 C	Duration of Sampling		: 1 hr / Location	
Desc	ription of Location	: As per Table	e Given Below	Given Below Sample ID		: 0924/N02252	
Туре	Type of Test : On Site Testing				ent Noise Level Monitoring		
			RESUL	T TABLE			
SR. NO.	LOCATION		DAY TIME NO LEVEL dB (A)		NIGHT TIME NOISE LEVEL dB (A) Leq		
1	1 Nr. Main Gate		60.9		56.5		

LIMIT

68.2

75

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

Nr. Engineering Workshop

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

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REVIEWED AND AUTHORISED BY Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions mantioned overleaf. Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

CHECKE DBY Sweety Patel (Dy.TM)



Environmental Testing Laboratory

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



Test Report

	a second and a second second second					10-0000	
Format No : QR/7.8/03			Test Report No : EP/0924/02253			Issue Date : 20-09-2024	
			Discipline : Ch	remical	Group : Atmospheric Pollutio		
Cust	lomer's Name & Add		ustries Ltd (Alch 02, Phase-III, Gil	emie Org. Ltd.) DC Estate, Vapi- 396195, D)iet - Val	earl	
Desc	ription of Monitoring	: Indoor Measur	ement of Noise		for var	900	
Sampling By : ENPRO Team-Mr. ³		Mr.Vihang Patel	Vihang Patel Sampling & Test Method		: W//N/03		
Date	of Sampling	: 12-09-2024 : As per Table Given Below		Duration of Sampling	: 1 hr / Location : 0924/N02253		
Desc	ription of Location			Sample ID			
Type of Test		: On Site Testing		Protocol	: Workplace Noise Level Monitorin		
			RESUL	T TABLE			
SR. NO.	LOC ATION		DAY TIME NOIS LEVEL dB (A) L	No. A second	NIGHT TIME NOISE LEVEL dB (A) Leg		
1 ETP Area		24.0					

	LEVEL UD (A) Led	LEVEL OB (A) Log
1 ETP Area	71.8	59.8
2 Inside DG Room (DG On)	83.2	73.5
3 DCBH Plant	70.6	RR A
4 DCNB Plant	80.1	70.9
LIMIT	TLV - 85	TLV - 85

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

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REVIEWED AND AUTHORISED BY Chintan Desai (TM)

Note 1 : This Report is subject to terms & conditions manifold overleaf. Note 2 : Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

*** End of Report ***

Page 1 of 1

CHECKED BY Sweety Patel (Dy.TM)

RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MoEF & CC
 NABL ACCREDITED CALIBRATION LABORATORY (CC-2959)
 OCL-NABET ACCREDITED EIA CONSULTANT ORGANIZATION
 GPCB APPROVED SCHEDULE II ENVIRONMENTAL AUDITOR
 ISO 9001 : 2015
 ISO 14001 : 2015
 ISO 45001 : 2018

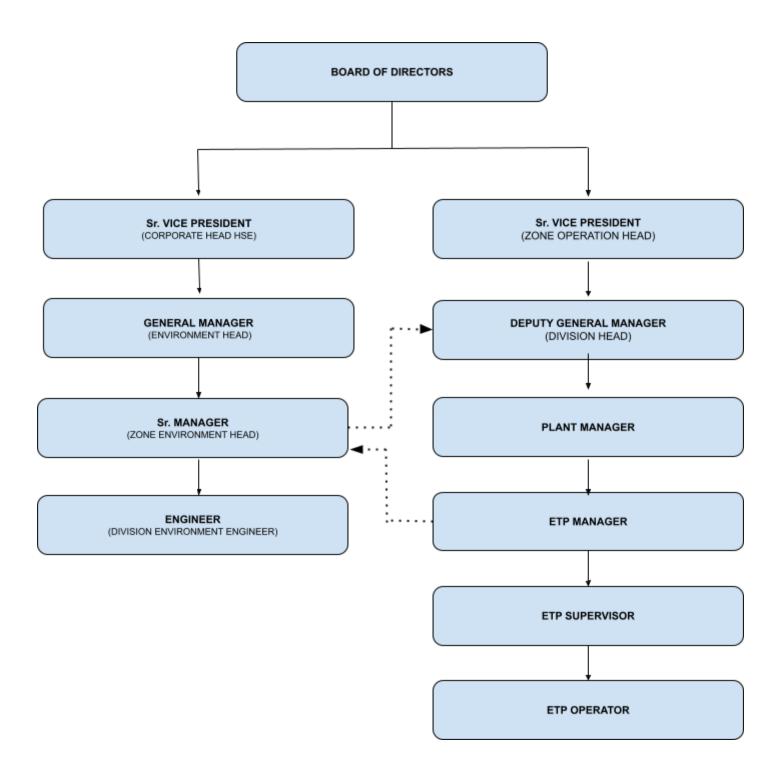
Annexure-13

SI No **EMP Recommendations Current Status** 10 **Establishment of an Environment** The unit has set up an Environmental Management Cell both at Corporate level and at the site level. The Cell is Management Cell headed by a Sr Vice President and a General Manager at the corporate level who drives the implementation of policy. At the site level, an Environment Manager, a dedicated Environment Engineer and the operations team which carry out the operation of EMS system forms the Environment Cell 2.0 **Corporate Environment Policy** The organisation has a centralised Corporate EHS Policy which is implemented at the site level. 3.0 Management of Air Environment 3.1 Measures for Flue gas emission • DG set is the only source of flue gas emission. control The unit has adopted good engineering practises like having timely Preventive Maintenance schedules to ensure proper combustion and reduction in flue gas pollutants. 3.2 **Measures for Process Emission** The unit has installed a two stage scrubbing system which involves a water scrubber as well as alkali scrubber for control chlorinator and Diazo reactor vessels. Water scrubber has been provided for Particulate matter control in SFD 3.3. **Measures to Fugitive Emission** Various measures have been taken for Fugitive emission Control control like Use of closed loop handling system • Solvent storage tanks connected with vent • condensers Provision of breather valve cum flame arrestor on solvent tanks Provision of exhaust ventilation Routine & periodic inspection to check leakage Preventive maintenance, follow SOP for • maintenance • Pumps & motors mechanical seal type LDAR program is followed. • Unloading through pipeline to tank in a closed • system. The unit has an ETP and has installed a Reverse 4.0 Management of wastewater • Osmosis Plant

Compliance Status of the EMP Recommendations

		· · · · · · · · · · · · · · · · · · ·
		• The reject from the RO is treated in the Multiple Effect evaporator.
		• The fresh water used is only from the GIDC supply.
		• Ground water recharge of the rain water is not allowed in the GIDC area. However the unit is exploring the option to carry out roof top rain water harvesting.
		• The unit is treating the generated sewage along with process effluent inthe ETP. The treated effluent is subjected to RO and the permeate is reused.
5.0	Management of Noise Environment	 Acoustic enclosures are provided for DG sets The unit has adopted good engineering practises like having timely Preventive Maintenance schedules to ensure the unit is in good mechanical health. Provision of PPE like ear plugs The unit has developed Green belt on the periphery for noise abatement Regular noise level monitoring of different places within and outside premises
6.0	Management of solvent recovery	 The condensers are provided with sufficient HTA and residence time so as to achieve more than 95-96 % recovery. Solvent handling pumps are provided with double mechanical seal type to prevent leakages. Double earthing is provided in all the electrical equipment wherever solvent handling is done. All electrical equipment in the plant where solvents are used will be flame proof. The solvent storage tanks are provided with a breather valve to prevent vapour losses.
7.0	Management of Hazardous Waste	 Hazardous solid waste is being handed over to the authorized TSDF side for further handling and disposal. Hazardous waste is being stored in a proper storage room with a proper roof and impervious flooring. It is disposed off to authorised CHWIF for final disposal. Hazardous waste will be stored separately in dry & covered place with RCC platform. There will be provision for a separate storage area .

		 Forklift truck is used in shifting, loading and unloading operation for hazardous waste to minimize manual handling of hazardous waste. Necessary PPEs are provided to workers while handling hazardous waste.
8.0	Energy Conservation measures	 The unit is purchasing energy efficient appliances. The unit is constantly monitoring energy consumption and defining targets for energy conservation. Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. Proper temperature controls will be provided to reduce load on heating systems.
9.0	Water Conservation Programme	 The unit uses reclaimed water for non potable applications like gardening, lawns etc. The unit is reducing toilet cistern volume in single flush models. The unit carries out quick fixing of leaking taps, pipes and toilet cisterns; Sweep with a broom and pan is carried out wherever possible, rather than using water in a hose The unit is installing sub-meters on key areas of water use. As more data is generated about water use, control measures can be initiated.



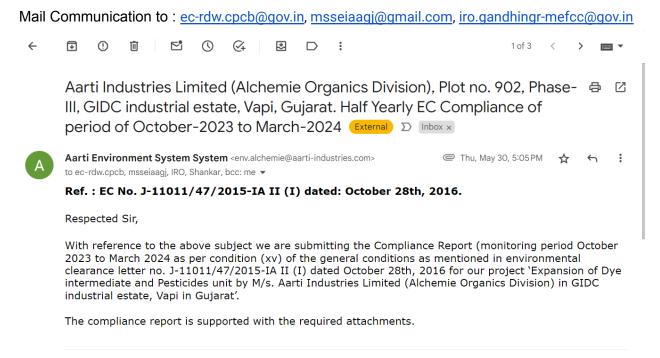
Annexure-15

Aarti Industries Limited Alchemie Organics Division

Screenshoot of EC Compliance uploaded on PARIVESH Portal for the period of Oct-2023 to March-2024

		2	ompliance Report 024 Oct - 31 Mar)		
		Acknow	ledgment		
Proposal Name			Proposed Expansion project at Plot No. 903, 923 GIDC Estate, Phase-III, Vapi, Dist. Valsad, Gujarat by M/s. Aarti Industries Limited (Alchemie Organic Division)		
Name of Entity / Corporate Office			Aarti Industries Limited (Alchemie Organic Division)		
Village(s)			Chhiri		
District		VALSAD			
Proposal No.	IA/GJ/IND2/26548/2015		Catagori		Industrial Projects 2
Plot / Survey / Khasra		902,923 Phase	Category Sub-District		Industrial Projects - 3 VAPI
No.	III, GIDO		Entity's PAN		NA
State MoEF File No.	GUJARAT J-11011/47/2015-IA II (I)		Entity name as PAN	per	NA
Reporting Year Remarks (if any) Reporting Period Details of Production	ng Details 2024 half yearly EC compliance report Oct'23 to March 24 01 Jun(01 Oct - 31 Mar) n and Project Area				
Name of Entity / Corporate Office Aar	ti Industries	Limited (Alchemi	e Organic Division)		
		Project Area a	per EC Granted Annual		l Project Area in Possession
Private		26.271		0	
Revenue Land		0		0	
Forest		0		0	
Others		0		0	
Total		26.271		0	
Production Capacity					

Aarti Industries Limited Alchemie Organics Division



One attachment • Scanned by Gmail (i)

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Ref No: AARTI/VAPI/ENV/AOD/2024-2025/017

Date: 15.07.2024

To, The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector – 10 / A, Gandhinagar – 382 010 XGN ID : 22980

Subject : Environment Statement (Form-V) from April 2023 - March 2024.

Reference : Rule 14 of the Environment Protection Act,1986 and Notifications from time to time.

Respected Sir,

In reference to above mentioned subject, please find herewith the Environment Statement for the period April 2023 - March 2024 in Form-V for Aarti Industries Limited (Alchemie Organics Div.) situated at Plot No.: 902, 923, 927, 930, 3rd Phase, GIDC Estate, Vapi (Gujrat) 396195.

We hope that the above is in order.

Thanking you,

Yours faithfully,

Aarti Industries Limited (Alchemie Organics Div.)

Author zed Signatory

Encl : as stated above

CC:

The Regional Officer, Gujarat Pollution Control Board,GIDC, Vapi.

Unit Head-Vapi, Gujarat Pollution Control Board, Gandhinagar. 🌈



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 : Alchemie Organics Division, Plot No. 902, 923, Illrd Phase, GIDC Vapi-396195, Dist - Valsad. Admin. Office : 71, Udyog Kshetra, 2nd Floor, LBS Marg, Mulund Goregaon Link Road, Mulund (W), Mumbal - 400080, INDIA. T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

Annexure-17



PUBLIC LIABILITY ACT POLICY **POLICY SCHEDULE** Agent/Broker Name -PRUDENT INSURANCE BROKERS PVT. LTD. Agent/Broker License Code - 291: Agent/Broker : Contact No - 2233066000 (mobile or landline)

Attaching to and forming part of Policy No. 0304011371 00 00 Name of Insured Owner: AARTI INDUSTRIES LIMITED CHEMICAL MANUFACTURING 71, UDYOG KSHETRA, 2ND FLR. MULUND-GOREGAON, LINK ROAD, MULUND (W), MUMBAI MUMBAI - 400080 MUMBAI MAHARASHTRA INDIA 27AABCA2787L1ZC(GSTIN Number)

Territorial limits:

Business:

Address:

Anywhere in India

State code -27

Policy Period: From: 09/01/2024 12:00 AM/ PM To Midnight of: 08/01/2025 12:00 AM/ PM

Indemnity limit:Rs 50,000,000.00 in respect of any one accident and not exceeding 3 times thereof in the aggregate during the policy period.

Place of supply -MAHARASHTRA

Service Tax Registration No:

Premium	₹ 10,135.94	
UGST/SGST @9 %	₹ 912.00	
CGST @9 %	₹ 912.00	

Contribution to the Environment Relief Fund:₹ 10,135.94

Date of Proposal and declaration:09/01/2024

In witness whereof the undersigned being duly authorized by the company and on behalf of the company has hereto set his hand at MUMBAI on 18/01/2024

The stamp duty of 0.5 paid in cash or demand draft or by pay order, vide Receipt/Challan no: LOA/CSD/01/2023/4269 dated the 25/10/2023

For Tata AIG General Insurance Company Limited

Unley

Authorized Signatory

Date :18/01/2024 Place :MUMBAI

Policy Servicing Office

Tata AIG General Insurance Company Limited

2ND FLOOR, CITI TOWER, 61, DR. S.S.RAO ROAD,, NEXT TO M.G.M HOSPITAL, PAREL(E), MUMBAI - 400012, MUMBAI, MAHARASHTRA, MUMBAI-400012 Tel No:22-22-62606600

Tata-AIG General Insurance Company Limited



Attached and Forming Part of the Policy Number:- 0304011371 00 00

Location	Location Address
Alchemie Organics	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
AMINE	285,286/1 A 322 12 23 24 NA 40SHED AREA GIDC PHASE II DIST- VALSAD, VAPI 396195
APPLE ORGANICS	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
Baroda	Block number 1, 3rd floor, R S No 3, Keval Corporate Park, Village channi, Baroda-390002 BLOCK NO 5 R S NO 380 VILLAGE CHANNI KEVAL CORPORATE PARK BUILDING T P SCHEME NO 48 FP NO 43/1 OPP CHHANI GEB NEAR PRAKRUTI RESTAURANT BARODA - 391740 PARKWAY REALTY LLP
DAHEJ- NEO	PLOT NO.Z/103/C DAHEJ SEZ II, TAL VAGRA, DIST. BHARUCH, GUJARAT-392130
DAHEJ-DIAMOND	PLOT NO Z-103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130,
DAHEJ-SAFRON	PLOT NO - Z 111 B, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH- 392130
NASCENT	PLOT NO. 24, PHASE-I, G.I.D.C., DIST. VALSAD, VAPI 396195
R & D MHAPE/Turbe	PLOT NO A-94/1 MIDC , TTC IND AREA,NAVI MUMBAI - DIST THANE
ACID	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
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
R & D VAPI - Organic	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE- III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
SSP Fertiliser	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
Vapi Unit - 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

	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER &
3M (New Location	GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110
	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364
	Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 & Survey No. 122 Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch,
Jaghadia (Pearl,Ruby, Jade,Gold)	Gujarat Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat
TARAPUR UNIT -2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar.
Kutch	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8-A, KUTCH
Kutch	BHACHAU, GUJARAT 370140
Mulund	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080
Vikroli	Tower C, 4th Floor, 247 Embassy Park, LBS Marg, Vikhroli (W), Mumbai- 400083



For Tata AIG General Insurance Company Limited

Authorized Signatory

Annexure-18

વલસાડ- વાપી

09

FRIDAY. 18+11+2016

કાકામક દ્યાડીંક

ENER URBEREN GIER DER Sein Entre Seine eine Seine Sein

માંચાલ રોવા સમાજ દ્વારા સમૂહલગ્લોત્સવ

ડકાગાડર્ટ ડિરિ કારહ હકાર ઘરીઠો મંધિય ઓક્સિડેશન ટેકનોલોજીનો વર્કશોપ યોજાયો



વાની ઇન્ડિયન ઇન્ટિટટ્યુટ ઓક એન્જિનિયરિંગ કાનપુર તથા આ કરણે કબ્રિડિટ લાપેનાં સંયુક્ત ઉપક્રે વાપી પ્રક્રસ્ટ્રીઝ એસીસિવેશન છ અને પર્યાવણ નેશાસામાં સક્કોઓથી સેન્ટર ઓફ એસ્થન્સ સુધ્યા આપણે વડાકાર્યાનિક સંયોજનો નિયસણ માટે ટોઅથળખેટુ આધારિ stensi દેરાશિક્ટ અંગ્રિકાર્ડમાન ટેક-નોરોટુનો કોક દિવસમાં વર્ડમોટન કરાયુ કંતું ખેતો વાગી તથા અલચારમાં દેવિક વિત્યાદક એકમોના સ્થાપ્યેએ ભારા છા પુલંત બિરાંમાનને વાન વીપાં કે તરે. કન્દીપા અન અને પાવેનરશ મંગાવામાં મોશાન્ડ પ્રારંકેટર 31 ખરકાવારમાં ખાતાવશમાં તે વેમખેશા પા વર્કમોનમાં પારડીમાં ઘરાસમાં આને વાગે ગોના એનવારમાં કે પ્લેમખે સરકારી પાર્ટિમાંક વિક્રેસ કન્મુપ્રાર ટેસાર, તીમવારમાં પાતાવશમાં તે વેમખેશ વાગે તેમ એનવારનો દિવિટેડ તથા વાગે ત્રીને કે માક વર્કિટ પોલ્મ સરકારની પાર્ટિંગ ક્યા અંતર અનુવાર છે. તેમ ત્રારે પાર્ટ પાર્ટ કે પાર્ટ નો પાર્ટ પાર્ટ પ્રતિ કે વિકેટ કન્મુપ્રાર ટેસાર, તોમવારમાં વિકેટ કાર્ય વાગે વાગે કે સ્ટાર્ટ્સ પાર્ટિંગ ક્યા અંતર અને વિટેડ તથા વાગે ત્રી નો અંતમાં આવ્યા સ્ટાર્ટ વા વર્કસ્ટામાં અને ક્યાર કાર્ય ક્યા અંતર અંત બોલિક સંયોગના બનાસ્થા માટ દવ્સ કંશન ટેકનોલો:હનો એક દિવસ ન્દ્રી તથા આસપાસના કે બિકલ ઉત 2505

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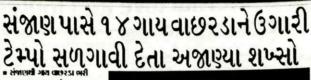
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માજી સાંસદ, વલસાડ

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લિ. સમસ્ત પરિવાર વાયલઘરા, તા. જિ.વલસાડ

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પપુષ વિશીભવાઈ પટેલ. પાસ પપુષ ચોરાળાઈ પટેલ. પટેશમાં છાતીર. Alfanul વિશ્વે વરેરેએ અવદાશાં તતા અને તેઓને કોટલમાં ટાવીરોકાલ કરવા હતું તેઓ વા સ્પાર્થ દિ ધી. વિશ્વ પુષ કરી ગુરૂષા છે. આ લાવા પાસ્ટી સાર કરી ગુરૂષા છે. આ ભાગ પાસ્ટી પાસ પુષ્ઠ કરતો તેઓ વાપ્ય પોર્ચન પુરિત. મેક લાઉન એક પેડાળાર, વરેરે શરીશઓ પણ મારાવે છે



જિલ્લા બાળ પ્રતિભા શોધ સ્પર્ધામાં ઉચાપત કેસમાં ફરાર ડાંગ જિલ્લા કાલીબેલમાં આવે

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પારડીમાં કોમ્પ્યુટરની દુકાનમાંથી ૨૦હજારની ચોરી અંગે નાસિકની મહિલા ટોળકી ઝડપાઈ

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દેશાઇવાડ, વાપી

તેમની ૧૧૧ મી જન્મજંયતિએ અમે તેમના પરિવારના સભ્યો તેમને -અજાત શતુ ! એવા આપ વઠીલો થકી 'ધર્મરાજ' નું વિદુદ વેલવનાર સમાજ સેવા, કુટુંલ વારસસ્વતા, પ્રબળ પુરૂષાર્થ થકી આપનું કર્મ યોગી જીવન અમણા જીવનમાં પષ દર્શક બની શશે.

PUBLIC NOTICE This is to give a notice to the public at large that we are a-employee of M/s. Asian Electronics Ltd. a company and price. Its factory property described hereunder the ing its factory property descrit edule written. As our accounts due wring its sectory property described hereunder the schedule written. As aur accounts dues are not satilized by he sold company we have informed Labour office and Sol-legistered office for recovery of dues and satilement of scound and also filed a suit in the Nashik CSD Court Ch. Init No. 0000060/2016, and the matter is pending before her court.

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PLEASE TAKE NOTE that in view of the st PLEASE LARE NOTE that in two in respect of the soli loaling or transfer or allomation in respect of the soli conperty, we and others residents of ulhease and other pleces of India. We have strong objections against the solic pleces of India. operty in any manner or to create a third p operty in Lawour of the company transfer/hale operty in favour of the third party, so such tra spal and had-in-law. ones or to create a third party in transfer/hale of the sai

DESCRIPTION OF THE PROPERTY

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બાહેર નોટિસ

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ઓર્ગનડોનેશનજાગૃતિસદભાવના

યાત્રીનું બીલીમોરામાં સ્વાગત થયું

વારશ્રી એ ગેન ડોનેશનાદેકદાનો લગ્નનિ માટે દેશમાં સદભાવના લગાએ નીકલ્વા છ જેઓ થોપપુર જાવન્ટસ સુપન્ન સભ્ય હોવાથી ગુજરાન જાવન્ટસ પરિવારોએ પર સારાં અવકાર આપ્યો છે.

હોટાથી ગુજરાત પ્રાયત્સ ધરિયરોમ પર સારે મ્લાકર માળ્યો છે. કિસાન્મયાન વારસી ઇલેડિટ્સિયન છે અને તેઓ તેમના નાવા મોપેક દીલીમંક.૧૦૦ પર ભારતભ્યથક કરી રહ્યા છે તેમ સુરતથી ધીલીપોરા માથન્ટસ ચુપના

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READERS' RATING LA

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Textile traders cheated of goods worth ₹3 crore

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ans: Mahommad All, pert-ner of Lucky Traders, To-lengana, and Allaf Patialal-soof Telengana. Unclassed Tury had has worth Ba Lizz & st3b cerves n Pabruary 2015 and October 2015 from different traders in Soural, including Makeud ismail Raywal. They bad given alfyance choques of Ra 122,0000 they pastuse in hoir acco-unter the state of manufic-ent alances in thoir acco-tion that a state and the state was registered by Mukesh Rabit against Mang alise Tegat bile complaint was registered by Mukesh Rabit against Mang alise Tegat Vajira, Kamlesh Rat-mania, Negendra Pandery and Presignation for percha-sing stating goods worth Ra 12,00,004 from him from Fa-bruary Bo April 2018 and the ary 9 to April 2

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SGCCI submits blueprint on mega

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Rape accused flees from police custody Rajketi A 22-year-old rape accused escaped from poli-custedy from Jamagar civil inspital on privag merrika an hospitalized after be attempted suicide on Thursd According to Jamagar selfes, accused mas identified According to Jamagar selfes, accused mas identified after outry, a resultation of Jamagar. He has beinged with a miker girl trom-und-ball mentita age and affector rapes. The real arcretized and sent to ball in affector rapes.



ENVIROCHMENTAL CLEARANCES SRF Limited Piot No.: D021, Phase & D020, Dohaj, Sura, Ta: Vagra, Dist.: Bhanuch, Gujarat – 382 130 Piot & I kimo pata a large factor and the subscream Pioto Aussement Auture, Gaine, Past Lend Enternance Pioto Aussement Auture, Gaine, Past Lend Enternance Pioto Carcello, 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 24:00 (1391) Sciul-20 JCC/R), 4(5) (16) A33 2018 and 26) and 16) and 26 Sciul-20 JCC/R), 4(5) (16) A33 2018 and 26 Sciul-20 JCC/R), 4(5) A33 2018 and 26 Sciul-20 JCC/R), 4(5) (16) A33 2018 and 26 Sciul-20 JCC/R), 4(5) (16) A33 2018 and 26 Sciul-20 JCC/R), 4(5) A35 20 Sciul-20 JCC/R),

(ALCHEMIE ORGANIC DIVISION) Plot ne. 163, 123, GIDC Estate, Vapl. Dist.-Valsed, Gu

ENVIRONMENTAL CLEARANCE

ENVIRONMENTAL CESARANCE It is hereby informed that the Ministry of Environment, Forest and Climate Change, New Calif has accurated the Environment Clearance for setting up of the proposed instructioners of pasticide by Max. Acti Instructioners Lal(Addresse Organic Division) at points 802 823, GUC Ealer, Nay, Del Vallad, Quigest - vide Tige no.3-1001/47/2015-IA-III (Ion the date of 281/02018. A coopy of the clearance latter spicole at office of Quigest also be seen at website of the ministry at http://environ.ne. DATE : 17-11-2016

BIGNATURE

M/s. GANESH POLYCHEM LIMITED Piet no. 448 & 409, GIDC Estate, Phase - IL, Vapi, Diat:-Valesd, Gujerel.

ENVIRONMENTAL CLEARANCE

ENVIRONMENTAL CLEARANCE It is hareby informed that the Misiatry of Environment, Forest and Charas, New Dahl has eccarited the Environment Clearance for setting up of the proposed manufacturing of Specially Free chemicals by Mis. General Parychem Limited at join on. 408 & 409, GMC Estate, Phase - II, Vaci, Lisk - Vinsien, Guprat. - vide Fée no. --11011/18/2015-U-II (i)on the date of 28/10/2016. Acony of the clearance tests in placed at office of Gujerat Polition Control Board (Vapi & Gandhingger) and may also the same at websile of the ministry at http://environnc.in. DATE : 17-11-2016

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• The chamber version the characters in Rock Ce was missing big line to the acqual Even music was just electrometary which was a bag let down. We a movie like Roc is the soil which was found in see is easily manybid Alters in the cancept that music needs to be set for for it to flow freely. The film does raises the fact that music has treamendous power. Walk the film for its interne performance, seems domains al was much half • A lot was expected from the ac considering Rock On had every 0 storting from

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READERS' VERDICT

Increase of allong instruction and the second of allong instruction of the second of the weak to be prices. Allowed in the second of the secon

The squeet is a damp setuh. I along assesses Barry disappearies Biory disappearies Biory is quite learning. In fact missio masks and interventing to keep you hooked. Straddink Japose is a complete waters as abo caulden's tack property as supported on the source only if you are a nock mask? fam. Poor and y if you are a nock mask? fam. Poor only if you are a nock mask? fam. Poor only if you are a nock mask? fam. Poor only if you are a nock mask? fam. Poor only if you are a nock mask? fam. Poor only if you are a nock mask? I work fam. support in Acct for is a spool weak. The missic is another in the film, but what is and then in the film is uble exactive of film is able exactly the another mask to be and then the film is able exactly the

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d character make them ways. However, mays. However, mark it's cl

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