

Date: 25/05/2023 GPCB ID: 22986

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10A,
Gandhinagar 382010.

Subject: Half Yearly Environment Clearance Condition's Compliance Report for the period October' 2022 to March' 2023.

Ref: Environment Clearance letter no. SEIAA/GUJ/EC/5(f)/874/2021 dated 17th June, 2021.

### Respected Sir,

We are pleased to submit the Compliance Report (monitoring period October' 2022 to March'2023) as per condition no. 143 mentioned in environmental clearance letter no. SEIAA/GUJ/EC/5(f)/874/2021 dated 17th June, 2021 for our project 'Expansion of Pharmaceutical/Drug, API & API Intermediate manufacturing unit by M/s. Aarti Pharmalabs Limited(Custom Synthesis Division) formerly known as Aarti Industries Limited (Custom Synthesis Division) boated at plot no. 22/C-1&2, Phase-I in GIDC industrial estate, Vapi in Gujarat.'

The compliance report is supported with the required attachments.

Thanking you. Yours Faithfully, For Aarti Pharmalabs Limited (Custom Synthesis Division)

Authorized Signatory

### COPY TO:

. 9-1) The Regional Officer, Gujarat Pollution Control Board, Vapi.

- 2) Email to The Deputy Director General, Forest (Central), Regional Office-Gandhinagar
- 3) Email to The Regional Officer, Central Pollution Control Board, Vadodara.
- 4) Email to SEIAA, Gujarat.
- 5) Uploaded in Parivesh, MoEF&CC portal.

Date: Egics P.C. Board, VAPI.

Compliance Report of Environmental Clearance File No. SEIAA/GUJ/EC/5(f)/874/2021 Dated .17/06/2021 for the period of Oct. 2022 to March. 2023.

**General Conditions** 

Genera	al Conditions	
Sr No	Conditions	Compliance
1	Project proponent (PP) shall strictly abide by the outcome/decision of Hon'ble supreme court of India in civil appeal no. 8478/2020 regarding operation of the Hon'ble NGT orders dated 10/07/2019 & 14/11/2019.	Unit have strictly abide by the outcome/decision of Hon'ble supreme court of India in civil appeal no. 8478/2020 regarding operation of the Hon'ble NGT orders dated 10/07/2019 & 14/11/2019.
2	PP shall comply conditions of any subsequent amendment or expansion or change in product mix, after the 30th March 2021 considered as per the provisions in force at that time as mentioned in the notification vide S.O. 1223 (E) dated 27/03/2020 and S.O. 3636 (E) dated 15/10/2020.	Unit had complied conditions of any subsequent amendment or expansion or change in product mix, after the 30th March 2021 considered as per the provisions in force at that time as mentioned in the notification vide S.O. 1223 (E) dated 27/03/2020 and S.O. 3636 (E) dated 15/10/2020.
3	PP shall carry out proposed project/activities in respect of active pharmaceutical Ingredients (API) as per the amended EIA notification vide S.O. 1223 (E) dated 27/03/2020, S.O. 3636 (E) dated 15/10/2020 and any subsequent amendments.	Unit is agreed to carry out proposed project/activities in respect of active pharmaceutical Ingredients (API) as per the amended EIA notification vide S.O. 1223 (E) dated 27/03/2020, S.O. 3636 (E) dated 15/10/2020 and any subsequent amendments.
4	PP shall submit six monthly compliance report of Environmental clearance without fail and the same shall be critically assessed by the regulatory authority.	Complied. The unit is submitting the half yearly EC compliance regularly. Last EC compliance report submitted on 30/11/2022.
5	Unit shall surrender EC obtained on dated: 20.11.2019	Complied with this EC. Old EC is surrendered by unit.
6	Total number of products manufacturing shall not exceeding twenty five (25) at a given point of time as per the plant capacity shown in plant layout.	Total number of products manufacturing will not exceed twenty five (25) at a given point of time as per the plant capacity shown in plant layout.  CCA Copy is attached as <b>Annexure-I.</b>
7	(a) R & D products shall be of similar chemistry in line with the EIA notification vide S.O. 1223 (E) dated 27/03/2020 and the pollution load shall remain the same as committed.  (b) Project proponent shall not take continuous/commercial production of the R & D materials. Necessary approvals shall be obtained from the concern authorities prior to commercial production of R & D materials.  (c) Unit shall submit relevant details of R & D products like raw materials, its safety measures to the regulatory authority well before R & D activity.  (d) Unit shall submit relevant details of R & D products like different wastes generated (Quantity & Quality) and its management to the regulatory authority within a month of R & D activity.	(a) R & D products have similar chemistry in line with the EIA notification vide s.o. 1223 (E) dated 27/03/2020 and the pollution load is the same as committed. (b) Project proponent has not taken continuous/commercial production of the R & D materials. And if required necessary approvals will be obtained from the concern authorities prior to commercial production of R & D materials. (c) Unit obey the condition related to submit relevant details of R & D products like raw materials, its safety measures to the regulatory authority well before R & D activity. (d) Unit will submit relevant details of R & D products like different wastes generated (Quantity & Quality) and its management to the regulatory authority within a month of R & D activity.

The PP shall develop greenbelt (4777 sq m(18.23%) inside plant premises + 6780 sq m (25.88%) in vapi GIDC area = total 11557.66 sq m) i.e 44.10% of total plot area ) as committed before SEAC. Greenbelt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within three years of operation phase in consultation with GPCB.

Complied. The unit has a green belt of 44.10% of total plot area.

Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapours in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within

Complied. A Closed loop solvent recovery system with adequate condenser system is provided to recover solvent vapours in such a manner that recovery is maximum and recovered solvent is reused in the process within premises.

Leak detection and repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR logbooks shall be maintained.

Leak detection and repair (LDAR) program is being prepared and implemented as per the CPCB guidelines. LDAR logbooks maintained.

### 11

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### Safety & Health

Unit shall obtain all required permissions from the Narcotics Control Bureau for storage and handling of Acetic Anhydride & any such chemicals.

- PP shall obtain PESO permission for the storage and handling of hazardous chemicals.
- PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.
- PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.
- Unit shall functional adopt operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
- PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.
- PP shall install adequate fire hydrant system within premises and separate storage of water for the same shall be ensured by PP.
- PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.
- PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises. Flame proof electrical fittings shall

### Complied.

- Unit has obtained all required permissions from the Narcotics Control Bureau for storage and handling of Acetic Anhydride & any such chemicals.
- The unit has already obtained PESO permission for the storage and handling of hazardous chemicals.
- The unit has already provided Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.
- The unit has already obtained fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.
- The unit has already adopted functional operations/process svstem including automation emergency response to eliminate risk associated with the hazardous processes.
- The unit is regularly carrying out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.
- The unit has already installed adequate fire hydrant system within premises and separate storage of water for the same shall be ensured.
- The unit has already taken all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.

(Custo	m Synthesis Division) ,Plot No.22/C-1&2,Phase-	
	be provided in the plant premises,	i. The unit has already taken all the
	wherever applicable.	necessary steps for human safety within
	k. PP shalf provide double earthling to solvent storage tanks	premises to ensure that no any harm is
	l. Unit shall never store	caused to any worker/employee or labour
	drum/barrels/carboys of	within premises.
	incompatible material/chemical	j. The unit has already provided
	together.	Flame proof electrical fittings in the plant
	m. Unit shall provide effective	premises, wherever applicable. k. The unit has already provide double earthling to solvent storage tanks
	Isolation for Process area and storage of	earthling to solvent storage tanks
	hazardous chemicals.	l. The unit has never store
	<ul> <li>Unit shall provide water sprinkler to the ammonia storage cylinder.</li> </ul>	drum/barrels/carboys of incompatible
	True luice per perte	material/chemical together.
	cool dry separate area, out of direct	m. The unit has already provided
	sunlight.	effective Isolation for Process area and
	p. Unit shall provide safety valve & rupture disc to the Hydrogenation vessel.	storage of hazardous chemicals.
		n. The unit has already provided water
	q. Unit shall provide adequate safety	sprinkler to the ammonia storage cylinder.
	system such as water sprinklers, water	o. The Unit has Store Bromine Bottle
	curtain, foam pouring system etc to restrict	in cool dry separate area, out of direct
	cascade fire emergency in solvent tank farm.	sunlight.
		p. The unit has already provided
		safety valve & rupture disc to the
		Hydrogenation vessel.
		q. The unit has already provided
		adequate safety system such as water
		sprinklers, water curtain, foam pouring
		system etc to restrict cascade fire
10	TT 1: 1 11 1 11 11 11 11 11	emergency in solvent tank farms.
12	Unit shall comply with all the orders passed by	Unit has complied with all the orders passed
	the Hon'ble National Green Tribunal (NGT), New Delhi in, Original Application No	by the Hon'ble National Green Tribunal (NGT), New Delhi in, Original Application No
	1038/2018 dated 10/07/2018.	1038/2018 dated 10/07/2018.
13	Unit shall stand in compliance to Office	Unit will stand in compliance to Office
13	Memorandum (OM) vide Letter No. F. No.	Memorandum (OM) vide Letter No. F. No.
	22-22018 -IA.III (Pt) dated 13/10/2019 I	22-22018 -IA.III (Pt) dated 13/10/2019 I
	regarding Compliance of Hon'ble National	regarding Compliance of Hon'ble National
	Green Tribunal (NGT) order dated 19.08.2019	Green Tribunal (NGT) order dated 19.08.2019
	(Published on 23/08/2019) in Original	(Published on 23/08/2019) in Original
	Application No. 10/07/2018.	Application No. 10/07/2018.
14	No project/activity in contradiction to the	Noted by the unit. No project/activity in
1	orders passed Hon'ble National Green Tribil01	contradiction to the orders passed Hon'ble
	(NGT), New Delhi in Original Application No.	National Green Tribil01 (NGT), New Delhi in
	1038/2018 dated 10/07/2018 shall be carried	Original Application No. 1038/2018 dated
	out else the granted Environment clearance	10/07/2018 will be carried out else the
	shall stand cancelled.	granted Environment clearance shall stand
		cancelled.
15	Close loop solvent recovery system with	A Closed loop solvent recovery system with
	adequate condenser system shall be provided	an adequate condenser system already
	to recover solvent vapors in such a manner	provided to recover solvent vapors in such a
	that recovery shall be maximum and	manner that recovery shall be maximum and
	recovered solvent shall be reuse in the	recovered solvent shall be reused in the
	process within premises. (If there is in-house	process within premises.
<u></u>	solvent recovery and in-house distillation)	
16	Leak Detection and Repair (LDAR) program	Leak Detection and Repair (LDAR) program is
	shall be prepared and implemented as per, the	prepared and implemented as per the GPCB
	GPCB guidelines. LDAR Logbooks shall be	guidelines. LDAR Logbooks are maintained.
	maintained.	

om Synthesis Division) ,Plot No.22/C-1&2,Phase-	1,312 6 vapi,3 ajarat 6 5 6 1 5 6 .
Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before	Complied. The unit is sending the process residues and spent carbon for co- processing only.
Unit shall install CEMS in line to-CPCB directions to all, SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05.02.2014 for effluent discharge and air/emission as per pollution discharge/emission from-respective project and an arrangement shall also be done for reflecting the online monitoring results on the 'company's server, which can be assessable by the GPCB/CPCB on real time basis. [Whichever (Air emission & Effluent discharge) is applicable as per the	Complied. The unit is Zero Liquid Discharge, so the unit have install flow meter and camera at RO permeate and the same is connected with the SPCB/CPCB server.  Continuous Emission Monitoring is not applicable as natural gas is being used as a fuel in boiler.  Copy of the online monitoring system connected to SPCB/CPCB server is attached as <b>Annexure-II</b> .
All measures shall be taken to prevent soil and ground water contamination.	Complied. The unit has provided puccaa flooring within the premises to avoid soil and groundwater contamination.
The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November,2009 shall be complied with.	Complied. The ambient air monitoring of the same is being done every month by NABL/MoEF&CC approved laboratory and the reports of the same is attached as <b>Annexure-III</b> .
National Emission Standards for organic chemical manufacturing industry issued by the Ministry vide G. S. R. No. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	Not Applicable as a unit is manufacturing API and its intermediates.
Unit shall have to adhere to the prevailing 'area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & with the same.	The Unit have adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and carry out the project development in accordance & with the same.
Unit shall provide CCTV camera strategic, locations within premises with web link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).	Complied. CCTV surveillance is available at the unit premises with the 3 months back up data.
Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB recognized auditors.	Noted by the unit. Third party monitoring of the functioning of the EMS along with its efficiency is carried out once in a year through a GPCB recognized auditors.  Report for the same is attached as Annexure-IV.
	Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sending to CHWIF/TSDF sites respectively.  Unit shall install CEMS in line to-CPCB directions to all, SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05.02.2014 for effluent discharge and air/emission as per pollution discharge/emission fromrespective project and an arrangement shall also be done for reflecting the online monitoring results on the 'company's server, which can be assessable by the GPCB/CPCB on real time basis. [Whichever (Air emission & Effluent discharge) is applicable as per the prevailing guidelines of GPCB/CPCB].  All measures shall be taken to prevent soil and ground water contamination.  The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November,2009 shall be complied with.  National Emission Standards for organic chemical manufacturing industry issued by the Ministry vide G. S. R. No. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.  Unit shall have to adhere to the prevailing 'area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & with the same.  Unit shall provide CCTV camera strategic, locations within premises with web link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).  Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB

(Custo	m Synthesis Division) ,Plot No.22/C-1&2,Phase-	<u>I,(</u>	GIDCVapi,C	<b>Jujarat</b>	-396195	5.
A 2	WATER:					
25	Total water requirement for the project shall not exceed 10,366 KLD Unit shall reuse 9913 KLD treated industrial effluent within premises. Hence, fresh water requirement	The average fresh water requirement for the monitoring period is 256 KLD.  Month wise water consumption data given in below table:				D.
	shall not exceed 453 KLD and it shall be met		Montl	ıs		Water
	through GIDC water supply only. Prior permission from concerned authority shall be				Consu	mption (KL)
	obtained for withdrawal of water.		Oct-22	2		7847
			Nov-2	2		7680
			Dec-2	2		7573
			Jan-2	3		7769
			Feb-2	3		7451
			Mar-2	3		7710
26	The industrial effluent generation from the project shall not exceed 353 KLD.		The average effluent generation for monitoring period is 191 KLD.  Month wise Effluent generation data given below table:			D.
		Months			Effluent eration(KL)	
			Oct-22	2		5109
			Nov-2	2		5210
			Dec-2	2		5700
		Ļ	Jan-23			6259
			Feb-2			5628
		L	Mar-2	3		6501
27	Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) low COD and TDS effluent and it shall be manage as below:  High COD and TDS effluent (174 KLD)  108 KLD, High COD and TDS effluent	In s (	Complied. ndustrial E treams. 1) High COD 2) Low COD	and TE	S efflue	
	from the process and 66 KLD RO reject shall be treated in MEE. Out of 146 KLD, MEE condensate, 60 KLD shall be reused within		Months		gh /TDS L)	Low COD/TDS (KL)
	premises and 86 KLD shall be further treated along with low COD effluent. 28 KLD from		Oct-22	21	92	2917
	MEE shall be further treated in ATFD. 13 KLD,		Nov-22	22	27	2983
	ATFD condensate shall be reused within premises.		Dec-22	24	04	3296
	Low COD and TDS effluent (331 KLD)		Jan-23	27	03	3556
	<ul> <li>86 KLD, MEE condensate and 210 KLD, Low COD effluent from process, washing, DM</li> </ul>		Feb-23	23	49	3279
	Plant & Scrubber shall be treated in ETP consist of primary, Secondary & Tertiary		Mar-23	23	81	4120
	treatment units 200 VID treated offwart					

treatment units. 296 KLD treated effluent shall be further treated in RO along with 35 KLD blow down from utilities. 265 KLD, RO permeate shall be reused within premises.

	om Synthesis Division) ,Plot No.22/C-1&2,Phas			<u> </u>	1 / 0		
28	Complete Zero liquid Discharge (ZLD) status			Complied. The unit is zero liquid discharge			
	shall be maintained all the time and there			since 2012. The unit will maintain ZLD even			
		•	connection from the		after the expansion.		
	premis	ses.					DC drainage
					isconnection cert	ificate is	attached as
				_	nnexure-V.		
29		hall feed wastewate			Init have feed was		
		after ensuring conte			nly after ensuring		
	,	OC so as not to ge	0		OD/VOC so as not	_	
	_	ration in order to a			vaporation in ord		
		ts on environment and			mpacts on environr	nent and h	numan health.
30		stic waste water gen			omplied.		
		25 KL/day for propo				omestic	waste water
		be treated in STP.		g	eneration data is gi	<u>ven in bel</u>	ow table:
		ed of through soak				Avg	. Sewage
		d sewage shall			Months	Genera	ation(KLD)
		ning / plantation pur within premises			Oct-22	2	24.10
	on-lan GPCB.	d discharge norms p	prescribed by the		Nov-22	,	23.88
	Grub.				Dec-22	2	23.45
					Jan-23		24.40
					Feb-23		23.00
					Mar-23		23.90
31	During	g monsoon season w	an treated coverge	_	loted by the unit.		
31	_	not be required for	_		lecessary provision	takan hy	the unit
		ning / green belt purp	-	1	iccessary provision	taken by	the unit.
		ling tower. There shal					
		water outside the prei					
32		hall provide buffer w		N	loted by the unit.	Unit has	provide buffer
"-		ate capacity for stora	_	water storage tank of adequate capacity for			
	_	during rainy days	8	storage of treated waste water during rainy			
		3 · J · · J ·		days.			
33	The ur	nit shall provide met	ering facility at the	Complied. The unit have already provided the			
		and outlet of ETP, R	_	meters at inlet and outlet of ETP, RO, MEE and			
		nin records for the sar		maintaining records for the same in logbook.			
34	Proper	logbook of ETP,	RO, MEE & STP,	Complied. Proper logbooks are maintained			
	reuse/	recycle treated /u	intreated effluent	fe	or ETP, RO, MEE , ST	`P.	
		cal consumption in o		1			
		ty & quality of treat					
		nption etc. shall main		1			
	furnished to the GPCB from time to time.						
A3	AIR	1 11	1	_	1 1 1		
35		shall not exceed fue	-		omplied.		1. 1
		s, Thermo pack, DG	sets as mentioned	F	uel Consumption d	ata is give	n as below:
	below		<u> </u>	Fral Communication	- (O -+ 22	to Marrill 202	
	Sr.N	Source of	Type of Fuel	$\Vdash$	Fuel Consumption		
	0 31.N	emission	Type of ruel	$\Vdash$	Natural Gas	1 2	02735 SCM
	"	With Capacity		$\Vdash$	Diesel		5533 Lit
	1	Boiler - 12 TPH	Natural Gas	L	Steam		29374 MT
1		Thermo pack		1			
1	2		Natural Gas	1			
	2	-	Natural Gas				
		(2 Lac kcal/hr)					
	3	(2 Lac kcal/hr) Thermo pack	Natural Gas				
		(2 Lac kcal/hr)					

(Custo	m Synt	Plot N, Plot N	lo.22	/C-1&2,Phase-	I,GIDO	CVapi,Gujarat-396195.	
	5	D.G.Set 320 KVA		Diesel			
	6	D.G.Set 610 KVA		Diesel			
	7	DG Set		Diesel			
		(1000 KVA)		Diesei			
	8	DG Set (1000 KVA)		Diesel			
	9	Steam from M/s.		Charm			
		Nascent Chemicals Industries Ltd		Steam			
0.6	** **	1 11	4 D.C	33.4 C		1. 1	
36		hall provide adequate neration sources as me			Comp	lied.	
37	Unit sl	hall provide adequate	APCM	I with process	Comp	lied.	_
	gas ge	neration sources as m	entio	ned below.	Sr.	Source of emission	Type of
	Sr.	Source of emission	n	Type of	No.		APCM
	No.			emission	1	Stack attached to Block	
	1	Stack attached to Blo	ck -			- I reactor scrubber	
		I reactor scrubber		HCl	2	Stack attached to Block	
	2	Stack attached to Blo	ck -	***		- II reactor scrubber	TT - tr
		II reactor scrubber		HCl	3		Unit has provided two
	3		,	SO2		Stack attached to Block	provided two
		Stack attached to Blo	CK -	HCl		- III reactor scrubber	three/Four/
		III reactor scrubber		HBr NOx	4	Charles the sheet has Disale	Five stage
	4	Stack attached to Blo	clz -	SO2	4	Stack attached to Block	water
	1 4	IV reactor scrubber	CK -	HCl	5	- IV reactor scrubber Stack attached to Block	scrubber
	5	Stack attached to Blo	ck -	HCl	5	- V reactor scrubber	followed by
		V reactor scrubber	CIX	NOx	6	Stack attached to Block	Alkali /
	6	Stack attached to Blo	ck -	HCl		- VI reactor scrubber	Acid/methan
		VI reactor scrubber		NOx	7	Stack attached to Pilot	ol scrubber as per
	7	Stack attached to Pilo	ot	HCl		Plant Scrubber	as per requirement.
		Plant Scrubber	,		8	Stack attached to Block	•
	8	Stack attached to Blo II reactor scrubber	CK -	NH3	9	- II reactor scrubber Stack attached to Block	
	9	Stack attached to Blo	ck -		9	- V reactor scrubber	
		V reactor scrubber	CIN	NH3	10	Stack attached to Block	
	10	Stack attached to Blo	ck -	HCl		- I reactor scrubber	
		I reactor scrubber		псі			
38	The f	fugitive emission in	the	work zone	Comp	lied. The unit is carrying (	out work zone
		nment shall be monit				ve monitoring monthly by	
		conform to the standa				pproved laboratory. Repor	
	the co	ncerned authorities f	rom	time to time.		tached as <b>Annexure-VI</b> .	
	\ \	Directors of indu					
		).Following indicative	_				
	also be	e followed to reduce th	e failı	ure emission.			
	· Inte	ernal roads shall be e	ither	concreted or			
		alted or paved prop					
		tive emission during ve					
	_	rne dust shall be con					
		lers at suitable locatio					
39	_	ar monitoring of		_		lied. The unit is carrying	
		ounds (VOCs) shall be		ed out in the		onment monitoring mont	thly by NABL
	work 2	zone area and ambient	aır.			ved laboratory.	attached
					-	ts of the same are	attached as
					Anne	xure-VI.	

for control of fugitive emission, VOCs, Complied. following step shall be followed: a.Closed handling and charging system is a. Closed handling and charging system shall be provided for chemicals. provided for chemicals. Reflux condenser is provided over Reflux condenser shall be provided Reactors / Vessels. over Reactors / Vessels. c.Pump is provided with mechanical seals to c. Pump shall be provided with mechanical seals prevent leakage. to prevent leakage. Air borne dust at all transfers Air borne dust at all transfers operations/ point has controlled either by operations/ point shall be controlled either spraying water or providing enclose. by spraying water or providing enclose. Solvents management shall be carried out as Solvents management shall be carried out as 41 follow: follow: Measure shall be taken to reduce the Measure has taken to reduce the process vapour emission as far as possible. process vapour emission as far as possible. use of toxic solvents shall be minimum. all use of toxic solvents shall be minimum. all venting equipment shall be have vapour venting equipment shall be have vapour recovery system. recovery system. Reactor shall be connected to adequate Reactor is already connected to chilling system to condensate solvents vapors adequate chilling system to condensate and reduce solvents losses. solvents vapors and reduce solvents losses. Reactor and solvents handling pump Reactor and solvents handling shall have mechanical seal to prevent pump are having mechanical seal to prevent leakages. leakages. The condenser shall be provided with The condenser has to provided with sufficient HTA and residence time so as to sufficient HTA and residence time so as to achieve maximum solvents recovery. achieve maximum solvents recovery. e.Solvents shall be stored in separate space Solvents are being stored in specified with all safety measures. separate space specified with all safety Proper earthling shall be measures. provided in all electrical equipment Proper earthling is provided in all wherever solvents handling is done. electrical equipment wherever solvents Solvents handling and storage area handling is done. shall be flame proof. the solvents storage tank Solvents handling and storage area shall be provided with breather valve to is flame proof. The solvents storage tank is prevent losses. provided with breather valve to prevent losses. 42 Regular monitoring of ground The ambient air monitoring of the same is concentration of PM10, PM2.5, SO2, NOx and being done every month by NABL/ MoEF&CC VOCs shall be carried out in the impact zone approved laboratory and the reports of the and its record shall be maintained. Ambient same are attached as Annexure-III. air quality levels shall not exceeds the standards stipulated by the GPCB.

A 4		D/HAZARDOUS WASTE:	_, © 100_91 11050	2,012	- + up2, - uju1 u0		
43	All the Hazardous/solid waste management shall be taken care as mentioned below.			Complied.			
	Sr. No	Type of Hazardous waste	Qty. (MT/Annum)	Sr. No.	Type of Hazardous waste Disposal	Qty.in MT (Oct-22 to March-23)	
	1	ETP Sludge	2000	1	ETP Sludge	440.28	
	2	MEE Salt	5400	2	MEE Salt	991.00	
	3	Spent Carbon	300	3	Spent Carbon	27.85	
	4	Distillation residue	1043.76	4	Distillation residue	83.69	
	5	Spent Solvent	5682.72	5	Spent Solvent	897.50	
	6	Discarded containers/ bags	290	6	Discarded containers/ bags	24.38	
	7	Used oil	82.00	7	Used oil	5.61	
	8	Spent catalyst	68.64	8	Spent catalyst	14.65	
	9	Phosphoric Acid	3150	9	Phosphoric Acid	0.00	
	10	HCl (30%)	2183	10	HCl (30%)	0.00	
	11	Potassium Bromide	621	11	Potassium Bromide	0.00	
	12	Sodium Bromide	1088	12	Sodium Bromide	0.00	
	13	Hydrogen Bromide	857	13	Hydrogen Bromide	0.00	
	14	Maleic Acid	810	14	Maleic Acid	0.00	
	15	Off specification products	200	15	Off specification products	0.00	
	16	Date Expired Products	1	16	Date Expired Product	0.00	
	17	Spent Hydrochloric Acid -25 %	25200	17	Spent Hydrochloric Acid -25 %	0.00	
	18	Na2SO4 Scrub solution - 5%	1165	18	Na2SO4 Scrub solution – 5%	0.00	
	19	Acetic Acid 60-65%	1383	19	Acetic Acid 60-65%	0.00	
	20	Ammonical Methanol	85	20	Ammonical Methanol	0.00	
	21	Liq. Ammonia	560	21	Liq. Ammonia	0.00	
44	Authorized end-users shall have permission from the concerned authorities under the rule 9 of the hazardous and other waste (management and transboundary movement) rule 2016.			is be other	olied. All the hazardous ving done as per the h waste (manage boundary movement) ru	azardous and ement and	
45	envir proce incine sendi	Unit shall explore the possibilities for environment friendly methods like coprocessing of hazardous waste for disposal of incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.			olied. The unit is send ues and spent carbon fo	or co- processing	
46	The unit shall submit the list of authorized end users of hazardous waste along with the MOU signed with them at least two months in advance prior to the commencement of production. In the absence of the potential buyers of these items, the unit shall restrict the production of the respective items.			-	olied. The unit have al with authorized end use	_	
A 5	ОТН						
47	separ befor	project proponent shall rate fund of Rs.9.00 Lakhs e SEAC.The entire activity CER shall be monited	as committed ties proposed	CER a	has already spent 10.82 activities.  Is of the same have be	en submitted to	
	moni	toring report shall be sul nal office of MoEF&CC as	omitted to the		District collector office. 'has been attached as <b>An</b>		

<u>`</u>	•	1,GDC vapı,Gujarat-396195.
	yearly compliance report and to district	
	collector .The monitoring report shall be	
	posted on the website of the project	
	proponent.	
48	All the environmental protection measures	Noted by the unit.
	and safeguards proposed in the form-1 &	
	PFR submitted by the project proponent and	
	commitments made in their application the	
	shall be strictly adhered to in letter and	
	-	
- D	spirit.	
В	GENERAL CONDITIONS:	
49	Water demand during construction shall be	Noted by the unit.
	reduced by use of curing agents, super	
	plasticizers and other best construction	
	practices.	
50	Project proponents shall ensure that the	Noted by the unit.
	surrounding environment shall not be affected	-
	due to construction activity. Construction	
	materials shall be covered during	
	transportation and regular water sprinkling	
	shall be done in vulnerable areas for	
	controlling fugitive emission.	
51	All required sanitary and hygienic measures	Noted by the unit.
51		Noted by the unit.
	shall be provided before starting the	
	construction activities and to be maintained	
	throughout the construction phase.	
52	First aid box shall be made readily available	Complied. The first aid boxes are made
	in adequate quantity at all the times.	readily available in adequate quantities
		within the premises.
53	The project proponent shall strictly comply	Noted by the unit.
53	The project proponent shall strictly comply with the Building and other construction	Noted by the unit.
53	with the Building and other construction	Noted by the unit.
53	with the Building and other construction works' (Regulation of Employment &	Noted by the unit.
53	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat	Noted by the unit.
53	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent	Noted by the unit.
53	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern	Noted by the unit.
53	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and	Noted by the unit.
	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	
53	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.  Ambient noise levels shall conform to	Complied. The ambient noise level is
	with the Building and other construction works' (Regulation of Employment & Condition of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.  Ambient noise levels shall conform to residential standards both during day and	Complied. The ambient noise level is conforming the standards during day and
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	required dust mitigation measures be notified at the site. (if applicable).	
69	Construction and demolition waste processing and disposal site shall be identified and	Noted by the unit.
- (0	side storage of construction material and waste shall be prohibited.	Note the theory
68	Construction material and waste should be stored only within earmarked area and road	Noted by the unit.
67	Grinding and cutting of building materials in open areas shall be prohibited.	Noted by the unit.
	prominently at the construction site for easy public viewing.	·
66	place.  Dust mitigation measure shall be displayed	Noted by the unit.
65	No excavation of soil shall be carried out without adequate dust mitigation measures in	Noted by the unit.
64	Roads leading to or at construction site must be paved and blacktopped (i.e. – metallic roads).	Noted by the unit.
	material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."	
63	"No loose soil or sand or construction & demolition waste or any other construction	Noted by the unit.
62	"No uncovered vehicles carrying construction material and waste shall be permitted."	Noted by the unit.
	Individual buildings within the project site shall also be provided with barricades.	
61	"Wind – breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided.	Noted by the unit.
	its subsequent amendments from time to time.	
60	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act 1986 and	Not Applicable
- 60	Concrete [RMC] and lead free paints in the project.	N . A . P . 11
	eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix	rioted by the time.
59	effect on neighboring communities.  Project proponent shall ensure use of	Noted by the unit.
	aspects. Disposal of the excavated earth during construction phase shall not create adverse	
	competent authority after taking the necessary precautions for general safety and health	

70	Industry should provide separate dedicated washing area for hand washing/bathing of worker and the waste water generated from the same should be taken into ETP.  The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Complied. Industry has provided a separate dedicated washing area for hand washing/bathing of workers and the wastewater generated from the same is being taken into STP.  Complied. The water meter has been provided and daily records of the same are maintained.
72	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	Noted by the unit. The unit shall continuously strive to reduce, recycle and reuse the treated effluent.
B 2.2	AIR:	
73	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	Not applicable. There is no spray Dryer.
74	Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	Acoustic enclosure is provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.  The monitoring of the same is being done monthly by NABL/MoEF&CC approved laboratory.  Reports of the same is attached as Annexure-VIII.
75	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Stack/Vents (Whichever is applicable) of adequate height is provided as per the prevailing norms for flue gas emission/Process gas emission.  The monitoring of the same is being done monthly by NABL/MoEF&CC approved laboratory.  Reports of the same is attached as Annexure-IX.
76	Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.	Flue gas emission & Process gas emission (If any) is conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. The monitoring of the same is being done every month by NABL approved laboratory.  Reports of the same is attached as Annexure-IX.
77	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	All the reactors / vessels used in the manufacturing process are closed to reduce the fugitive emission.
78	Adequate Air Pollution Control Measures (APCM) shall be provided.	Adequate Air Pollution Control Measures (APCM) is provided.

M/s. Aarti Pharmalabs Ltd. (Custom Synthesis Division)Formerly known as M/s. Aarti Industries Ltd.

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$\overline{}$	in Synthesis Division), Flot No.22/C-1&2,Fliase-	
79	The unit shall adhere to sector specific guidelines/ SOP published by GPCB/CPCB from time to time for effective fugitive emission control. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	The unit is carrying out fugitive emission every month in the plant premises through a NABL approved laboratory.
80	Unit shall take adequate measures to control odor nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odor vulnerable areas etc.	Noted by the unit.
81	Unit shall provide wall to wall carpeting in vehicle movement areas within premises to avoid dusting.	Unit has already covered the vehicle movement area by carpeting.
B 2.3	HAZARDOUS/SOLID WASTE	
82	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / Treatment / storage / disposal of hazardous wastes.	The company is strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time.
83	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Hazardous wastes is dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
84	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	The unit has obtained necessary permission from the nearby TSDF site and CHWIF and records for the same are maintain in hardcopy.
85	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.	Trucks/Tankers used for transportation of hazardous waste is in Accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
86	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	The design of the Trucks/tankers is such that there is no spillage during transportation.
87	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied. The unit is disposing Spent carbon and Process Residue for Co- Processing only.
88	Management of fly ash (if any) shall be as per the fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	Not Applicable. Unit used natural gas as boiler fuel.
89	Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWF, co-processing and end-users having Rule-9 permission.	Unit is disposing hazardous wastes through AIS-140 GPS mounted vehicles for disposal at TSDF/CHWF, co-processing and end-users having Rule-9 permission.

(Custor	n Synthesis Division) ,Plot No.22/C-1&2,Phase-	1,GIDC vapı,Gujarat-396195.
90	The by-products which fall under the purview of the hazardous and other wastes (Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions from the concern authority shall be obtained.  Unit shall submit the list authorized end users	All the by products are being sent to authorized recycler having permission under rule 9 of hazardous and other wastes (Management and Transboundary Movement) Rules 2016.  Complied. The unit has already done the MOU
	of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production. In absence of potential buyers of these items, the unit shall restrict the production of respective item.	with authorized end users.
92	Industry shall dispose its hazardous wastes through co-processing, pre- processing to the extent possible prior its disposal to incineration/ landfill as per provisions of hazardous and other wastes (Management and transboundary movement) Rules, 2016.	Complied. The unit is disposing Spent carbon and Process Residue for Co- Processing only.
B 2.4	SAFETY:	
93	The occupier/manager shall strictly comply the provision under the Factories Act 1948 and the Gujarat Factories Rules 1963.	The occupier/manager is strictly comply the provision under the Factories Act 1948 and the Gujarat Factories Rules 1963.
94	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite on-site and off-site Disaster management plans have to be prepared and implemented.	Complied. The unit have already prepared the on-site and off-site disaster management plans.
95	Main entry and exit shall be separate and clearly marked in the facility.	Broad size single entry and exit is provided with clearly marked in facility.
96	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/emergency vehicle around the premises.	Sufficient peripheral open passage is kept in the margin area for free movement of fire tender/emergency vehicle around the premises.
97	Storage of flammable chemicals shall be sufficiently away from the production area.	Flammable chemicals is storage separately from the production area.
98	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Sufficient number of fire extinguishers is already provided near the plant and storage area.
99	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	All necessary precautionary measures is taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
100	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	All the toxic/hazardous chemicals is stored in optimum quantity and all necessary permissions in this regard is obtained.

Custon	n Synthesis Division) ,Plot No.22/C-1&2,Phase-	1,GIDC vapi,Gujarat-390193.	
101	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.		
102	Only flame proof electrical fittings shall be provided in the plant premises.	Flame proof electrical fittings are provided within the plant premises.	
103	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	Noted by the unit.	
104	All the storage tanks shall be filled with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for hazardous chemicals.	Noted by the unit.	
105	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Handling and charging of the chemicals is done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	
106	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	The unit have already tied up with nearby Hospital to provide immediate medical attention in the case of emergency.	
107	Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Personal Protective Equipment (PPEs) are provided to workers and its usage to ensured and supervised.	
108	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	First Aid Box and required Antidotes for the chemicals used in the unit is made readily available in adequate quantity.	
109	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Noted by the unit.	
110	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	Occupational health surveillance of the company employees as well as for contract workers is being done every six monthly and its records are also maintained.  Medical report of the employees is attached as <b>Annexure-X</b> .	
111	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Transportation of hazardous chemicals is done as per the provisions of the Motor Vehicle Act & Rules.	
112	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	The company has implemented all preventive and mitigation measures suggested in the Risk Assessment Report.	
113	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Compiled. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others are obtained.	
114	Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be maintained.	Pre-employment and routine periodical medical examinations for all employees are undertaken on regular basis. Training to all employees on handling of chemicals is maintained.  Periodic Medical Checkup reports are attached as <b>Annexure-X</b> .	
115	Effective safety precaution shall be taken for chemical storage, process handling and transportation hazard.	Effective safety precautions are taken for chemical storage, process handling and transportation hazard.	

(Custor	stom Synthesis Division) ,Plot No.22/C-1&2,Phase-I,GIDCVapi,Gujarat-396195.				
116	Unit shall prepare and implement SOP for safe operation of the works.	Unit has already prepared and implemented SOP for safe operation of the works.			
117	Comply the statutory provision of safety audit & its compliance report.	Noted by the Unit.			
118	Effective step shall be taken for prevention of fire, explosion & toxic release.	Effective step are taken for prevention of fire explosion & toxic release.			
B 2.5	NOISE	onprosion or come recourse.			
119	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Noted by the unit and report for the same is attached as <b>Annexure VIII</b> .			
B 2.6	CLEANER PRODUCTION AND WASTE MINIMIS	SATION:			
120	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	The unit will undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.			
121	The company shall undertake various waste minimization measures such as, a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h. Recycling of steam condensate. i. Sweeping / mapping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	The company has undertaken various waste minimization measures such as, a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h. Recycling of steam condensate. i. Sweeping / mapping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.			
8 2.7 122	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.	The unit has developed green belt within premises as well as outside the premises as per the CPCB guidelines. And also developed the green belt in GIDC,Vapi.			

	n Synthesis Division) ,Plot No.22/C-1&2,Phase-				
123	Drip irrigation / low-volume, low-angle	Noted by the unit.			
	sprinkler system shall be used for the green				
	belt development within the premises.				
В3	OTHER CONDITION:				
124	Unit shall comply all the applicable standard conditions prescribed in office Memorandum (OM) published by MoEF&CC vide no. f. No. 22-34/2018-IA.III dated 09/08/2018 for pharmaceutical and Chemical industries mentioned at (sr. no. XX).	Unit have comply all the applicable standard conditions prescribed in office Memorandum (OM) published by MoEF&CC vide no. f. No. 22-34/2018-IA.III dated 09/08/2018 for pharmaceutical and Chemical industries mentioned at (sr. no. XX).			
125	The provisions of the solid waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the construction and demolition waste management rules, 2016 and the plastics waste management rules, 2016 shall be followed.	The provisions of the solid waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the construction and demolition waste management rules, 2016 and the plastics waste management rules, 2016 are followed and return file timely for the same.			
126	Rain water harvesting (off-site) shall be undertaken to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre- treatment must be done to remove suspended matter. (Applicable for units consuming ground water > 50 KLD in line with the prevailing guidelines of SPCB).	Complied. The unit has provided the rain water harvesting facilities.			
127	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	Noted by the unit.			
128	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	Noted by the unit.			
129	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	Noted by the unit.			
130	All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	Noted by the unit.			
131	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	Noted by the unit.			
132	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Complied. The unit has provided the one push shut down control system in case of failure of any pollution control system.			
133	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	Noted by the unit.			

(Custon	n Synthesis Division) ,Plot No.22/C-1&2,Phase-	1,GIDCVapi,Gujarat-396195.
134	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater.	Noted by the unit.
135	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied
136	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Noted by the unit. Secondary containment is provided to avoid violation.
137	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted by the unit.
138	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted by the unit.
139	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.	Noted by unit
140	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	Noted by the unit.
141	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Noted by the unit.
142	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied. Advertisement has been given in Gujarati language newspaper and English language newspaper. Copies of the advertisements are attached as Annexure-XI.

(Custor	n Synthesis Division) ,Plot No.22/C-1&2,Phase-	1,GIDCVapi,Gujarat-396195.
143	It shall be mandatory for the project management to submit half yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	Complied. Half yearly EC compliance has been submitted to regulatory authorities.  Last EC Compliance is submitted in November 2022.
144	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted by the unit.
145	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Noted by the unit.
146	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted by the unit.
147	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	Noted by the unit.
148	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted by the unit.
149	This environmental clearance is valid for seven years from the date of issue.	Noted by the unit.
150	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted by the unit.
151	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance canceled.	Noted by the unit.

# Annexure-I CCA Copy

### GUJARAT POLLUTION CONTROL BOARD



PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone (079) 23226295

Fax : (079) 23232156 Website | www.gpcb.gov.in

R.P.A.D.

NO: GPCB/CCA-VSD-1110(6)/ ID | 22986/

TO.

M/S. AARTI PHARMALABS LIMITES (CUSTOM SYNTHESIS DIVISION),

PLOT NO. 22/C-1, PHASE-I, VAPI-396195, TAL: PARDI,

DIST: VALSAD,.

SUB: Transfer of Consolidated Consents & Authorization (CC&A) under the Water Act-

1974, Air Act-1981 & Hazardous and Other Waste Rules-2016

REF: Your request letter dated: 08/10/2022.

S⊯.

The Gujarat Pollution Control Board has granted Consolidated Consents & Authorization (CC&A) vide letter No. GPCB/CCA-VSD-1110(5)/ID-22986/860066 dated. 22 B4 2022 under the provisions of the Water Act-1974, Air Act-1981 & Hazardous and Other Waste Rules-2016, to M/S. AARTI INDUSTRIES LTD (CUSTOM DIV). Since you have changed name of your company and requested to the Board to transfer the said (CC&A) order in your name, the said order is further amended as under

The name of the industry shall be read as M/S. AARTI PHARMALASS LIMITES (CUSTOM SYNTHESIS DIVISION) instead of M/S. AARTI INDUSTRIES LTO (CUSTOM DIV). Now onwards all the representatives to comply with the conditions of the said order & provisions of the Water Act. Air Act & Hazardous and Other Waste Rules shall be of M/S. AARTI PHARMALABS LIMITES (CUSTOM SYNTHESIS DIVISION).

Other all terms & Consolidated Consents & Authorization (CC&A) order No GPCB/CCA-VSD-1110(5)/ID-22988/660066 dated: 22.04.2022 shall remain unchanged

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

Whater .

(M V Patel) Environmental Engineer

Copy to:

 The Regional Officer, G.P.C. Board, Vapi (With request to make necessary change in profile of industry in XGN).

Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation



### **GUJARAT POLLUTION CONTROL BOARD**

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### R.P.A.D.

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

And whereas Board has received CC&A (Renewal And Amendment) applications inward no. 209076 dated: 05/01/2022 & inward no. 199010 dated: 30/06/2021 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesald Acts Consents & Authorization are hereby granted as under

### CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

TO,

M/8: AARTI INDUSTRIES LTD (CUSTOM DIV.).

PLOT NO: 22/C-1, PHASE-1, GIDC ESTATE, VAPI-396195, TAL: PARDI, DIST: VALSAD

Consent Order No.: AWH-117627, Date of Issue: 21/03/2022 and Consent Order

No.: AWH-117628, Date of issue: 21/03/2022

 The consent shall be valid up to 31/12/2026 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity (MT/Month)
1	TV-VII(3S)-3-Amino-2.3,4.5- Tetrahydro-2-oxo-1H-1 Benzazepine-1-acetic acid, Tert butyl ester	2
2	TV-INT(Ethyl, 2-(4- Nitrobenzene Sulphonyl)	2
3	Fly X (2S.3as,7as)-1-[2-[1- (Ethoxycarbonyl)-(S)- Propyl)Octahydroindole-2- Carboxylic Acid	3
4	FLY VIII (Benzyl (2S, 3aS, 7aS) Octahydromo5le-2- carboxylate, Tosylate i salt)	3
5	SAF III Diffunisal 4-(2.4 Diffurophenyl)-Phenol	1
6	MES-II(2-S-Thiuronium ethane sulphonate)	2
7	QN-II(1,2,3,4-Tetrahydro isoquinoline-2-Benzyl Carboxylate PTSA Salt)	2
B	FL-II HCL(1-[2-Amino-1(4- Methoxyphenyl) Ethyl] Cyclohexanol Hydroghloride	20
9	NCS <sup>OV</sup> (11-Piperazin-1-yldibenzo(b.f)(1,4)thiazepine dihydrochloride monohydrate)	5

10	Quetiapine fumarate (Bis[2-[2- [4-(dibenzo [b,f][1,4]thiazepin* 1-yl)piperazin- 1-yl]ethoxy)ethanol](2E)-but-2- enedioate).	2
11	MAP Sulphate	2
12	PEP (Phenylephrine hydrochloride)	4
13	3 FOP-III (2-Amino-3-chloropropionic acid methyl ester	5
14	BC-III (Benzyl (Cis, Endo) - Octahydro Cyclo Penta [B] Pyrrole 2 (S) - Carboxylate Hydrochloride )	7
15	VP-004 (Tert-butyl 4-(6- nitropyridin-3-yt)piperazine-1- carboxylate)	0.2
16	VP-03 (4-Chloro-3-nitro phenol)	0.2
17	VP-013 (Tetrahydropyran-4- one)	0.2
18	VP-008 Stage-III/DIHCL	02
19	VP-006 (1-[[2-(4- Chlorophenyl)-4,4-dimethylcydohexen-1-yl]-methyl]-piperazine)	0.2
20	VP-002 (3-nitro-4-[(tetrahydro2H-pyran-4-ylmethyl)amino] benzenesulfonamide)	02
21	PR-2017-020(4-Amino-2- fluoro-N-methylbenzamide)	0.2
22	ZEN-I (1-(2-methoxyphenoxy)- 2,3 epoxy propane	2
23	ZEN-III [(2,6-Dimethyl phenyl) amino carbonyl methyl] piperazhre	2
24	Ranolazine	2
25	PR-184 (MDC) (2.3.4,6- Tetrakis-O-trimethylsilyl-Dglucono-1,5 lactone)	1
26	PR-184 (THF) (2,3,4,6-TetrakisO-trimethylsilyl-D-glucono-1,5- actone)	<u> </u>
27	PR-88 (2.3,4,6-Tetra-O-BenzylD-Galactopyranose)	2
28	PR-178-V ((S,S)-2,8- Diazabicyclo [4 3 0] nonane)	
29	PR-203 (2-(5-Bromo-2- Methylbenzyl)5(4- Fluorophenyl)Thiophene)	1
30	PR-231 (2-(4-Fluorophenyl)- 5(5-lodo-2-Melhylbenzyl) Thiophene )	1
31	PR-408 (2,2'-anhydro-LThymidine)	<u></u>
32	PR-151 (3-aminomethyl-4,8- dimethylpyndine-2-(1H)-one HCL	1
33	PR-140 (Methyl 3-Amino-5- bromo-2-Methylberizoste)	·
34	VP-011 (1-cysteine S-phenyl-N- ((Phenylmethoxy)carbonyl)- methyl ester)	1
35	PR-209 (2-[2-[3(S)-3]2-(7- chloro-2- quinolinyl)ethenyl]phenyl-3- hydroxypropyl]phenyl]-2- propanol)	10
36	PR-148 V (-fluoro-2-methoxy-5- nitroaniline)	1
37	VP-024 [[-]-[(2-fluoro-6- (trifluoromethyl)phenyl]methyl] -5-iodo-6-methylpyrimidine-2,4- dione)	2
38	PR-219 (1-(8-chloropyrimidin4-yl)-3-(2,8-dichloro-3.5- dimethoxy phenyl)-1-methy/purea)	1
<del>j</del> 9	Montelukast	5_
40	BA-II(5-methyl-N-[4- (trifluoromethyl phenyl]isoxazole-4-carbo camide	2

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PARYAVARAN BHAVAN

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41 VP-019: N- (Benzyloxycarbonyl)-L-Proline	
42 VP-020(3-Chloropyrazine-2-yl) methanamine hydrochloride	
43 VP-023 Benzyl (28)-2-(8- amino-1-bromoimidazo[1,5-a] pyrazin-3- yl)pyrrolidine-1- carboxylate	1
44 PR-419 5-Bromo-1-[2-fluoro-6- (Influoromethyl)benzyl]-6- methylpyrimidine- 2.4(1H,3H)- dion	
45 VP-016 5-[(4-Ethylpiperazine-1-yl) methyl)pyridine-2-amine	- <del>-</del>
46 PR-197 Ethyl 2-chloro - 2- (2- (4-methoxyphenyl) hydrazono)acetate	- <del>- '</del> -
47 PR-204 3-morpholino-1-(4- nitrophenyl)-5.6- dlhydropyridine-2(1H)-one	- 2
48 PR-301 1-(4-aminophenyl)-3- morpholino-5,6-dihydropyndin2(TH)	2
49 PR-402 5.6-Dihydro-3-(4- morpholinyl)-1-(4-(2-oxo-1- piperidinyl) phenyl]-2(1H)- pyridinone	
50 EN-II (Enzalutamide intermediate) 2-{[3- fluoro4(methylcarbamoyl)phenyl)amin o} -2-methyl propanoic acid	<u> </u>
51 (ENZ-IV) Methyl[4-cyano-3- (trifluoromethyl]phenyl] carbamodithicate	1
52 RIV0-3 (S)-4-(4-(5- (Aminomethyl) -2- Oxooxazolidin-3- YI) Phenyl) Morpholin-3-One	2
53 NIL-II Methyl 4-methyl-3- ((4- (pyndin-3-yl)pyrlmidin-2-yl) amino)benzoate	·
54 sole6 (5-Fluoro-2-methyl-1hinden-3-yl) acetic acid	<u> </u>
55 TFPAA (2, 4, 5-Trifluorophenylecetic Acid.)	10
56 PR-2017-021 (1-Methylindale)	2
57   PR-415 (S-amine)	— <sub>2</sub> -
58 VP-D25 3-Bromo-1,3,4.5- tetrahydro-2H-1-benzazeping-2- one	
59 R&D Products and New Development Products/ Pilot Plant Products	0.05
Total	143,5

# 3. <u>CONDITIONS UNDER WATER (PREVENTION AND CONTROL OF POLLUTION) ACT</u> 1874;

3.1 The quantity of total water consumption shall not exceed 10366 KLD (Fresh 463 + Recycle 9913) as per below break up as mentioned in form D submitted for consent application under Water (Prevention and Control of Pollution) Act-1974

a) Industrial: 10316 KLD b) Domestic: 25 KLD a) Gardening: 25 KLD

- 3.2 Generation of the industrial effluent from the manufacturing process and other ancillary industrial operations shall not exceed 9913 KLD.
- Generated effluent shall be recycled back to the process after treatment in ETP, RO, MEE, and ATFD. Hence, there shall be Zero liquid discharge condition.

Page 3 of 11



- 3.4 The quantity of sewage effluent from the industry shall not exceed 25 KLD.
- 3.5 Generated 25 KLD of Domestic wastewater shall be treated in STP and reuse for gardening purpose after achieving following norms:

Parameters	Norms	T
<u>р</u> н	6.5-9.0	
BOD	30 mg/l	
TSS	< 100 mg/l	
Fecal Coliform (MPN/100ml)	< 1000	

- 4. CONDITIONS UNDER THE AIR (PREVENTION AND CONTROL OF POLLUTION)
  ACT 1981:
- 4.1 The following shall be used as fuel:

Şr. No.	Fuel	Quantity
— · <sub>1</sub> —	Natural Gas	32269 SCM/Day
2	Diesel	25680 Lrt/Day
3	Steam from M/s. Nascent Chemicals Industries Ltd.	144 MT/Day

4.2 The flue gas emission through existing stack shall confirm to the following standards:

Sr. ¯ No ,	Stack attached to	Stack Height in meter	APCM	Parameter	Permissible Limit
1	Boller (12 TPH) (Stand By)	30	Adequate stack height with Low NOx Boiler	PM SO <sub>2</sub> NO <sub>4</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm
2	Thermo pack (2 Lac kcal/hr)	30	Adequate stack height		
3	Thermo pack (2 Lac keal/hr)	30	1		!
4	D.G Set (625 KVA)	11			İ
5	D.G. Set (320 KVA)	11	1 Adequate stack		
6	D G. Sel (610 KVA)	11	height & Acoustic		
7	D G. Sel <sup>©</sup> (1000 KVA)	11	_		
8	D.G. Set (1000 KVA)	i — ī1 —	]                ! 1		<u>]</u>

4.3 The process emission through various stacks/vent of read ors, process, vessel shall conform to the following standards.



## **GUJARAT POLLUTION CONTROL BOARD**

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Stack No.	Stack attached to	Steck height (in meter)	APCM	Parameter	Permissible Limit
1	Stack attached to Block - I reactor acrubber	5 m	Two stage Water Scrubber + Alkak Scrubber	HCI	20 mg/Nm³
2	Stack attached to Block - II reactor scrubber	5 m	Two stage Water Scrubber + Alkak Scrubber	HCI	20 mg/Nm³
¢\$	Stack attached to Block - III reactor scrubber	5 m	Three stage Water Scrubber + two stage Alkali Scrubber	SO <sub>2</sub> HCI HBr NO <sub>2</sub>	40 mg/Nm <sup>3</sup> 20 mg/Nm <sup>3</sup> 09 mg/Nm <sup>3</sup> 50 ppm
4	Stack attached to Block - IV reactor scrubber	5 m	Three stage Water Scrubber + two stage Alkali Scrubber	SO <sub>2</sub> HCI	40 mg/Nm² 20 mg/Nm³
5	Stack attached to Block - V reactor scrubber	5 M	Two stage Water Scrubber + Alkali Scrubber	HCI NOx	20 mg/Nm³ 50 ppm
6	Stack attached to Block - VI reactor scrubber	. 5 m	Two stage Water, Scrubber + Alkali Scrubber	HÇI NÖx	20 mg/Nm³ 50 ppm
7	Stack attached to Pilot Plant Scrubber	5 m	Two stage Water Scrubber + Alkali Scrubber	HCI	20 mg/Nm³
8	Stack attached to Block - II reactor scrubber	5 m	Methanol scrubber followed by acid scrubber	NH <sub>3</sub>	40 mg/Nm³
9	Stack attached to Block V reactor scrubber	5 m	Water Scrubber followed by Acid Scrubber	NH <sub>3</sub>	40 mg/Nm <sup>3</sup>
10	Stack attached to Block - I reactor scrubber	5 m	Water Scrubber followed by Acid Scrubber	NH <sub>3</sub>	40 mg/Nm <sup>3</sup>
11	Stack attached to Phosphone and plant	5 m	Water Scrubber + Alkali Scrubber	HCI	20 mg/Nm <sup>3</sup>
12	Stack attached to Block - III reactor scrubber	5 m	Two Water Scrubber + Alkali Scrubber	SO <sub>2</sub> HCI <b>HB</b> r NO <sub>3</sub>	40 mg/Nm <sup>3</sup> 20 mg/Nm <sup>3</sup> 09 mg/Nm <sup>3</sup> 50 ppm

Page 5 of 11

4.4 The Concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following.

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in pg/NM <sup>3</sup>
1.	Sulphur Dioxide (SO <sub>2</sub> )	Annual 24 Hours	50 80
2	Nitrogen Dioxide (NO <sub>2</sub> )	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM <sub>10</sub>	Annual 24 Hours	60 10 <b>0</b>
4.	Particulate Matter (Size less than 2.5 µm) OR PM <sub>2.5</sub>	Annual 24 Hours	40 60
<b>5</b> .	Carbon Monoxide (CO) mg/m <sup>3</sup>	8 Hours 1 Hour	02 04

4.5 All measures for the control of environmental pollutant shall be provided before commencing production.

### 5 GENERAL CONDITIONS:

- 5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
- Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))
- 6.1 Number of authorization: AWH-117627, Date of issue: 21/03/2022 and AWH-117628, Date of issue: 21/03/2022.
- 6.2 Reference of application 209078 dated 05/01/2022 & inward no: 199010 dated: 30/08/2021.
- 6.3 M/S. AARTI (NOUSTRIES LTD (CUSTOM DIV.), is hereby granted an authorization based on then closed signed inspection report for generation, collection, reception, slorage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at PLOT NO: 22/C-1, PHASE-1, GIDC ESTATE, VAPI-396195, TAL: PARDI, DIST: VALSAD.

### **GUJARAT POLLUTION CONTROL BOARD** PARYAVARAN BHAVAN



Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295 : (079) 23232156 Fax

Website : www.gpcb.gov.in

### Details of authorization:

_		l-		<u> </u>			
Sr. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules		Total Qty (TPA)	Authorized mode of disposal or recycling or utilization or co-processing, etc.			
1.	ETP waste	35 3	2000	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.			
2.	MEE Salt	37.3	5300	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.			
3.	Speni Carbon	28.3	300	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites or by sending to Authorized CHWIF sites or by co-processing at cement industries by use of GPS mounted vehicles and XGN manifest system.			
4	Distribution residue	28.1	1043 76	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.			
5.	Spent Solvent	28.6	5682 72	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.			
6.	Discarded containers/ bags	33.1	290	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.			
7.	Used oil	<b>5</b> 1	82	Collection, Storage, Decontamination Transportation, Disposal by selling to registered re-processor by use of GPS mounted vehicles and XGN manifest system.			
8.	Spent catalysi	28.2	68.64	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.			

Page 7 of 11

9	Phosphoric Acid	8 15	3150	Collection, Storage Transportation, Disposal by sending to authorized end users having valid permission under Rule 9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
10.	HCI (30%)	B 15	2183	Collection, Storage, Treatment in in-house ETP, MEE, RO.
11.	Potassium Bromide	B 15	621	Collection, Storage, Transportation, Disposal oy sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
12.	Sodium Bromide	<b>B</b> 15	1086	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
13.	Hydrogen Bromide	B 15	857	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system
14.	Maleic Acid	B 15	810	Collection, Storage, Transportation, Disposal by sending to authorized end users having valid permission under Rule -9 of Hazardous waste management rule, 2016 by use of GPS mounted vehicles and XGN manifest system.
15.	Off specification products	28.3	200	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system.
16.	Date Expired Products	28.5	ï	Collection, Storage, Transportation, Disposal by sending to authorized CHWIF sites or by sending to authorized co-processors by use of GPS mounted vehicles and XGN manifest system
17.	Spent Hydrochloric Acid -25 %	B 2	25200	Collection, Storage, Treatment in in-house ETP, MEE, RO
18.	Na <sub>2</sub> SO <sub>4</sub> Scrub Solution - 5%	B 15	1165	Collection, Storage, Treatment in in-house ETP, MEE, RO.
19.	Acetic Acid 60- 65%	B 15	1383	Collection, Storage ar d in-house recovery.

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### GUJARAT POLLUTION CONTROL BOARD



PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295 Fax : (079) 23232156

Website : www.gpcb.gov.in

	T'.	T		
20	Ammonical Methanol	B 15	85	Collection, Storage, and reuse back in manufacturing process
21.	Liq Ammonia	B 15	560	Collection, Storage, and reuse back in manufacturing process
22.	E-Waste & Electrical Waste		50	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
23.	Insulation/ Thermocol Waste		50	Collection, Storage, Transportation, and Disposal by sending to approved and authorized TSDF sites by use of GPS mounted vehicles and XGN manifest system.
24	Glass Waşte	-		Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system
25	PPE's Waste & Non Recyclable Plastic Waste	-	20	Collection, Storage, Decontamination Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
26.	Batteries Waste	_	200 Nos./Year	Collection, Storage, Transportation, Disposal by selling to authorized Recyclers having all valid permission of SPCB by use of GPS mounted vehicles and XGN manifest system.
27.	Bio Medical Waste	_	1	Collection, Storage, Transportation, Disposal by sending to authorized CBMWIF sites for Incineration by use of GPS mounted vehicles and XGN manifest system.
28	RO Membrane	_ <b>-</b>	20	Collection. Storage, Transportation, and Disposal by sending to approved and authorized TSDF area by use of GPS mounted vehicles and XGN manifest system.

- 5.4 The authorization shall be valid for a penod of 31/12/2026.
- 6.5 The authorization is subject to the following general and specific conditions:
- A. General Conditions under Hazardous and other Wastes (Management and Transboundary Movement) Rules-2016:
- The authorized person shall comply with the provisions of the Environment (Protection).
   Act. 1986, and the rules made there under.

Page 9 of 11

- 2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
- 3 The Board reserves the right to review and/or revoke the consent and/or make variations. in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 4. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 5. Any unauthorized change in personnel, equipment or working conditions as mentioned. in the application by the person authorized shall constitute a treach of his authorization.
- The person authorized shall implement Emergency Response Procedure (ERP) for Б. Which this authorization is being granted considering all site specific possible scenarios. such as spillages, leakages, fire etc. and their possible impacts and also carry out mock. doll in this repard at regular interval of time,
- 7 The person authorized shall comply with the provisions outlined in the Central Pollution. Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty\*
- It is the duty of the authorized person to take prior permission of the State Pollution. 8 Control Board to close down the facility.
- The imported hazardous and other wastes shall be fully insured for transit as well as for 9 any accidental occurrence and its clean-up operation.
- 10. The record of consumption and fale of the imported hazardous and other wastes shall be maintained
- 11. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
- 13 An application for the renewal of an authorization shall be made as laid down under these Rules.
- 14. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to
- 15. Annual return shall be filed by June 30th for the period ensuring 31" March of the year.

### B. Specific Conditions:

- The authorized actual user of hazardous and other wastes shall maintain records of 1. hazardous and other wastes purchased in a passbook issued by the State Pollution.
- only after making the entry into the passbook of the actual user Handing over of the hazardous and other wastes to the authorized actual user shall be

### GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

± (079) 23232156

Website : www.gpcb.gov.in.

- 3. In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
- The occupier of the facility shall comply Standard operating procedure/ guidelines 4 published by MoEF&CC or CPCB or GPCB from time to time.
- 5. Unit shall comply provisions of E-Waste Management Rules-2016

For and on behalf of Gujarat Pollutión Control Board

> (M. V. Patel) Environment Engineer

NO: GPCB/CCA-VSD-1110(5)/ID: 22986/

Date:

issued to:

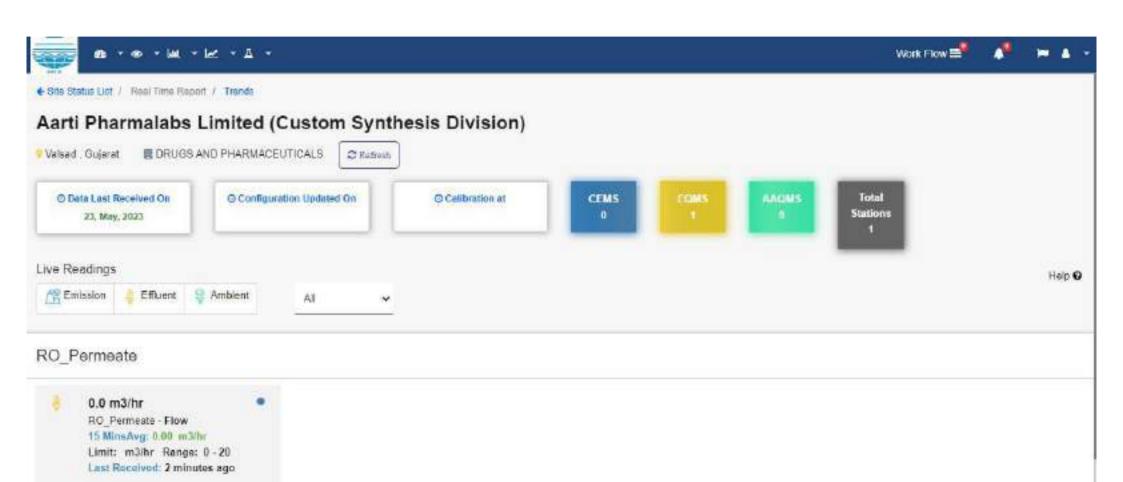
M/S. AARTI INDUSTRIES LTD (CUSTOM DIV.),

PLOT NO: 22/C+1, PHASE-1, GIDC ESTATE, VAPI-396195, TAL: PARDI, DIST: VALSAD

Outsward 40.66067 12210412022

Page 11 of 11

# Annexure-II Online Monitoring System



Camera

CEMS EGMS

### DASHBOARD

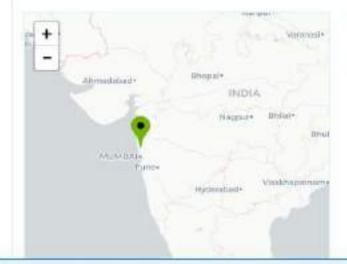
Company Name : Aarti Industries Limited (Custom Synthesis Division) Categoty : Pharma

Location: Plot No., C/22/1, Phase-1, GIDC, Vapi-396195 Ganga Basin:-

Latitude: 20.3538095 Longitude: 72.9152107

Person Name: Mr. DINIL UD Contact No : 9727700671

Email Id : dinit.ud@aarti-industries.com



Station Name : ETP_O	utlet					<b>4</b> 0 <b>8</b> 0 <b>9</b> 0
Record Date	Parameter Name	Unit	Value	Law	High	Status
23-05-2023 17:12	flow	m3/hr	0.00	*	<u>e</u> .	Normal

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ished at cpcb.nic.in

# Annexure-III Ambient Air Monitoring Report



#### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



**Test Report** 

Test Report No: TC588522000007463F Issue Date: 31-10-2022 Format No: QR/7.8/02

Group: Atmospheric Pollution ULR No: TC588522000007463F Discipline: Chemical

Customer's Name & Address: **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By

: Nikunj Vaghasiya

: 20-10-2022

Date of Sampling Sample Received Date : 21-10-2022

Date of Starting of Test : 21-10-2022

Sampling Method **Duration Sampling** 

: WI/AA/A

: 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose

: Ambient Air Analysis

: Sealed

Date of Completion

: 22-10-2022

Sample ID

: 1022/AA07463

	Atmospheric Condition	
Wind Direction	Weather Condition	Temperature ( °C )
NE>SW	Sunny	Max.: 33 Min.: 24

DETAILS OF INSTRUMENT USED FOR MONITORING				
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/R)	EP/HOJ/HC-115/R	201002138	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/S)	EP/HOJ/HC-116/S	200903152	03-05-2022	02-05-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m³	85.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m³	45.5	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO₂)	µg/m³	32.2	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	39.2	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

Sweety Patel (Dy.TM)

ETL222302.

AUTHORISED SIGNATORY Chintan Desai (TM)

( 1 Dyn)

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.

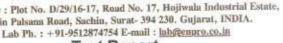
10038 RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EFA. 1986, BY MOSE & CC + NABL ACCREDITED CALIBRATION LABORATORY

\*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR 



#### **Environmental Testing Laboratory**

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





- 5885

Test Report Format No : QR/7.8/02

Issue Date: 31-10-2022 Test Report No: TC588522000007464F

Group: Atmospheric Pollution Discipline: Chemical ULR No: TC588522000007464F

Customer's Name & Address: **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No.

: Sealed

Date of Sampling

: 20-10-2022

Packing / Seal Protocol / Purpose

: Ambient Air Analysis

Date of Starting of Test : 21-10-2022

Sample Received Date : 21-10-2022

Date of Completion : 22-10-2022

Sampling Method

: WI/AA/A

Sample ID

: 1022/AA07464

**Duration Sampling** 

: 24 Hrs.

Atmospheric Condition

Wind Direction	Weather Condition	Temp	perature ( °C )
	86000	Billion . 22	Min.: 24
NE->SW	Sunny	Max.: 33	MIIII Z4

DETAILS OF INSTRUMENT USED FOR MONITORING					
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date	
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023	
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023	

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
057,000,000,000	Particulate Matter (PM10)	μg/m³	78.3	100	IS 5182 (Part-23):2006
	Particulate Matter (PM2.5)	µg/m³	35.0	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	19.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	26.4	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

Test Report



Format No: QR/7.8/02	Test Report No: TC588522000008365F	Issue Date: 06-12-2022	
ULR No : TC588522000008365F	Discipline : Chemical	Group : Atmospheric Pollution	

Aarti Pharmalabs Limited Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Nr. DG Set Area Description of Sample

Sampling By

Date of Sampling

**Duration Sampling** 

: Nikunj Vaghasiya

: 26-11-2022

Sample Received Date : 28-11-2022

Date of Starting of Test : 28-11-2022 Sampling Method

: WI/AA/A

: 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose

: Sealed : Ambient Air Analysis

Date of Completion : 29-11-2022

Sample ID

: 1122/AA08365

Wind Direction	Weather Condition	Temperature ( °C	
NE>SW	Sunny	Max.: 33	Min.: 17

DETAILS OF	INSTRUMENT USED FO	OR MONITORING		
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/R)	EP/HOJ/HC-115/R	201002138	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/S)	EP/HOJ/HC-116/S	200903152	03-05-2022	02-05-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Particulate Matter (PM10)	µg/m³	77.4	100	IS 5182 (Part-23) 2006
111	Particulate Matter (PM2.5)	µg/m³	36.7	60	IS 5182 (Part-24):2019
32.4	Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	20.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	27.2	80	IS 5182 (Part-6):2006
	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL) C. A. Mai

**AUTHORISED SIGNATORY** 

Chintan Desai (TM)

Sweety Patel (Dy.TM)

ETL222302

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



#### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Suchin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



- 5885

**Test Report** 

Issue Date: 06-12-2022 Test Report No: TC588522000008366F Format No: QR/7.8/02 Group: Atmospheric Pollution ULR No: TC588522000008366F Discipline: Chemical

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP

Sampling By

: Nikunj Vaghasiya

Date of Sampling

: 26-11-2022 Sample Received Date : 28-11-2022

Date of Starting of Test : 28-11-2022 Sampling Method Duration Sampling

: WI/AA/A

: 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose

: Ambient Air Analysis

Date of Completion : 29-11-2022

: Sealed

Sample ID

: 1122/AA08366

Atmospheric Condition	a	
Weather Condition	Tempe	rature (°C)
Sunny	Max.: 33	Min.: 17
		Treatment of the contract of t

DETAILS OF	INSTRUMENT USED FO	OR MONITORING		
Instrument Name	ID No	Sr Na	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Particulate Matter (PM10)	µg/m³	72.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m³	28.8	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	13.7	80	IS 5182 (Part-2) 2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	20.1	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL) C. X. possi

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY

Chintan Desai (TM)

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



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### **Test Report**



Format No: QR/7.8/02 Test Report No: TC588522000009018F Issue Date: 24-12-2022 ULR No: TC588522000009018F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By : Prashant Patel

Date of Sampling : 16-12-2022

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Sampling Method **Duration Sampling** 

: WI/AA/A : 24 Hrs.

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

Protocol / Purpose

: Ambient Air Analysis

Date of Completion Sample ID

: 19-12-2022 : 1222/AA09018

Atmospheric Condition	
Weather Condition	Temperature ( °C )
Sunny	Max.: 33 Min.: 19
	Weather Condition

INSTRUMENT USED	FOR MONITORING		
ID No	Sr No	Cal Date	Cal Due Date
EP/HOJ/HC-115/R	== 201002138		01-05-2023
EP/HOJ/HC-116/S	200903152		02-05-2023
	ID No EP/HOJ/HC-115/R	EP/HOJ/HC-115/R 201002138	ID No Sr No Cal Date EP/HOJ/HC-115/R 201002138 02-05-2022

S.NO.		UNIT	RESULT	GPCB LIMIT	METHOD SECTION
1	Particulate Matter (PM10)	µg/m³	-	CONTRACTOR OF CAMPACIA	METHOD REFERENCE
			91.6	100	IS 5182 (Part-23):2006
	Particulate Matter (PM2.5)	μg/m³	49.7	60	IS 5182 (Part-24):2019
3	Sulphur Diaxide (SO₂)	µg/m³	32.2	17 - H 1 - H 25	
4	Nitrogen Dioxide (NO <sub>2</sub> )		1000	80	IS 5182 (Part-2):2001
		µg/m³	39.5	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	
	DI DI DI	7.59.11	DUL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

Sweety Patel (Dy.TM)

ETL222303

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

**AUTHORISED SIGNATORY** 

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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 \*\*\*

\*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1985, BY MOSE & CC \*NABL ACCREDITED CALIBRATION LABORATORY

\*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE B AUDITOR \*ISO 9001 : 2015 \* ISO 14001 : 2015 \* ISO 45001 : 2018



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/02

Test Report No: TC588522000009019F

Issue Date: 24-12-2022

TC588522000009019F

Discipline: Chemical

Group: Atmospheric Pollution

Customer's Name & Address:

Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

Sampling By

: Prashant Patel : 16-12-2022

Packing / Seal

: Sealed

Sample Received Date: 17-12-2022

Protocol / Purpose

: Ambient Air Analysis

Date of Starting of Test : 17-12-2022

Date of Completion

: 19-12-2022

Sampling Method

: WI/AA/A

Sample ID

: 1222/AA09019

**Duration Sampling** 

: 24 Hrs.

Atmospheric Condition

Weather Condition

Temperature (°C)

Wind Direction NE-->SW

Sunny

Max.: 33 Min.: 19

DETAILS OF	INSTRUMENT USED FO	OR MONITORING		
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/S)	EP/HOJ/HC-115/S	201002139	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/T)	EP/HOJ/HC-116/T	200903153	03-05-2022	02-05-2023

#### RESULT TABLE

The state of the s	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	µg/m³	84.6	100	IS 5182 (Part-23):2006
Particulate Matter (PM2.5)	µg/m³	44.3	60	IS 5182 (Part-24):2019
Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	30.4	80	IS 5182 (Part-2):2001
Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	38.8		IS 5182 (Part-6):2006
Carbon Monoxide (as CO)	mg/m³	BDL	-	IS 5182 (Part-10):1999
	Particulate Matter (PM10) Particulate Matter (PM2.5) Sulphur Dioxide (SO <sub>2</sub> ) Nitrogen Dioxide (NO <sub>2</sub> ) Carbon Monoxide (as CO)	Particulate Matter (PM10) µg/m³  Particulate Matter (PM2.5) µg/m³  Sulphur Dioxide (SO₂) µg/m³  Nitrogen Dioxide (NO₂) µg/m³	Particulate Matter (PM10)         μg/m³         84.6           Particulate Matter (PM2.5)         μg/m³         44.3           Sulphur Dioxide (SO₂)         μg/m³         30.4           Nitrogen Dioxide (NO₂)         μg/m³         38.8	Particulate Matter (PM10)         μg/m³         84.6         100           Particulate Matter (PM2.5)         μg/m³         44.3         60           Sulphur Dioxide (SO₂)         μg/m³         30.4         80           Nitrogen Dioxide (NO₂)         μg/m³         38.8         80

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Sweety Patel (Dy.TM)

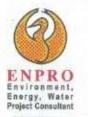
**AUTHORISED SIGNATORY** 

C.A. 00, -1

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.

\*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR \*ISO 9001 : 2015 \*ISO 14001 : 2015 \*ISO 45001 : 2018



#### Environmental Testing Laboratory

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.lu



#### Test Report

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Nr. DG Set Area

Sampling By : Nikunj Vaghasiya

Date of Sampling : 18-01-2023

Sample Received Date : 19-01-2023
Date of Starting of Test : 19-01-2023

Sampling Method : WI/AA/A

Duration Sampling : 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

: Ambient Air Analysis

Protocol / Purpose

Date of Completion

: 20-01-2023

Sample ID

: 0123/AA00489

	Atmospheric Condition	the state of the s
Wind Direction	Weather Condition	Temperature ( °C )
NE>SW	Sunny	Max.: 30 Min.: 17

DETAILS OF	INSTRUMENT USED F	OR MONITORING		
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/B)	EP/HOJ/HC-115/B	150802D032	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/C)	EP/HOJ/HC-116/C	150403D037	30-04-2022	29-04-2023

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m³	88.2	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	μg/m³	46,3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	29.5	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	36.0	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

CHECKED BY Sweety Patel (Dy.TM)

ETL222303

AUTHORISED SIGNATORY Chintan Desai (TM)

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

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



#### **Environmental Testing Laboratory**

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/02 Test Report No: TC588523000000490F Issue Date: 30-01-2023 JIR No: TC5885230000000490F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample

Sampling By : Nikuni Vaghasiya

Date of Sampling : 18-01-2023

Sample Received Date : 19-01-2023 Date of Starting of Test : 19-01-2023

Sampling Method Duration Sampling : WI/AA/A

: 24 Hrs.

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol/Purpose

: Ambient Air Analysis

Date of Completion : 20-01-2023

: Sealed

Sample ID : 0123/AA00490

Wind Direction	141-11-0 1111			
vvina Direction	Weather Condition	Temperature ( °C )		
NE>SW	Sunny	Max.: 30 Min.: 17		

DETAILS OF	INSTRUMENT USED F	OR MONITORING	LOUIS TO THE	
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/C)	EP/HOJ/HC-115/C	150802D033	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/D)	EP/HOJ/HC-116/D	150403D038	30-04-2022	29-04-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Particulate Matter (PM10)	µg/m³	80.1	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	μg/m³	41.3	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	17.9	80	IS 5182 (Part-2):2001
	Nitragen Dioxide (NO <sub>2</sub> )	µg/m³	24.1	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

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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.

Sweety Patel (Dy.TM)



Date of Sampling

**Duration Sampling** 

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

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

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



Format No: QR/7.8/02	Test Report No : TC588523000001424F	Issue Date: 25-02-2023
ULR No: TC588523000001424F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

: 24 Hrs.

Piot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By : Nikunj Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. 17-02-2023 Packing / Seal : Sealed:

Sample Received Date : 18-02-2023
Date of Starting of Test : 18-02-2023

Protocol / Purpose : Ambient Air Analysis

Date of Completion : 21-02-2023

Sampling Method : WI/AA/A

Sample ID : 0223/AA01424

Atmospheric Condition

Wind Direction Weather Condition Temperature (°C)

NE-->SW Sunny Max.: 31 Min.: 19

DETAILS OF	INSTRUMENT USED F	OR MONITORING		
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/B)	EP/HOJ/HC-115/B	150802D032	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/C)	EP/HOJ/HC-116/C	150403D037	30-04-2022	29-04-2023

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m³	85.9	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	μg/m³	43.4	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	25.8	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	32.6	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

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



#### **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



: Ambient Air Analysis

Format No: QR/7.8/02	Test Report No: TC588523000001425F	Issue Date : 25-02-2023
ULR No: TC588523000001425F	Discipline : Chemical	Group : Atmospheric Pollution

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Protocol / Purpose

Description of Sample : Nr. ETP

Date of Sampling

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No. : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023

Date of Starting of Test : 18-02-2023 Date of Completion

: 21-02-2023 Sampling Method : WI/AA/A Sample ID : 0223/AA01425 **Duration Sampling** : 24 Hrs.

	Atmospheric Condition		
Wind Direction	Weather Condition	Temperature ( °	C)
NE>SW	Sunny	Max.: 31 Min.:	19

DETAILS OF	INSTRUMENT USED F	OR MONITORING		
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/C)	EP/HOJ/HC-115/C	150802D033	29-04-2022	28-04-2023
Respirable Dust Sampler (EP/HOJ/HC-116/D)	EP/HOJ/HC-116/D	150403D038	30-04-2022	29-04-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m³	76.5	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m³	35.9	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	20.0	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	μg/m³	28.5	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

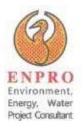
ENPRO Enviro Tech and Engineers Pvt. Ltd.(ETL)

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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



#### **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



T	C.	- 5	8	8	5	

Format No: QR/7.8/02	Test Report No : TC588523000002535F	Issue Date : 31-03-2023
ULR No : TC588523000002535F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. DG Set Area

Sampling By : Prashant Patel

Prashant Patel Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023 Packing / Seal : Sealed Sample Received Date : 24-03-2023 Protocol / Purpose : Ambier

Sample Received Date : 24-03-2023 Protocol / Purpose : Ambient Air Analysis
Date of Starting of Test : 24-03-2023 Date of Completion : 25-03-2023
Sampling Method : WI/AA/A Sample ID : 0323/AA02535

Duration Sampling : 24 Hrs.

	Atmospheric Condition	SCALE THEORY	1000 100
Wind Direction	Weather Condition	Temp	perature (°C)
NE>SW	Sunny	Max.: 35	Min.: 23

DETAILS OF	INSTRUMENT USED F	OR MONITORING	C-110 630	
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/N)	EP/HOJ/HC-115/N	190202U002	02-05-2022	01-05-2023
Respirable Dust Sampler (ÉP/HOJ/HC-116/O)	EP/HOJ/HC-116/0	190303U030	03-05-2022	02-05-2023

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	µg/m³	93.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	µg/m³	51.4	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO₂)	µg/m³	23.0	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	30.2	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

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AUTHORISED SIGNATORY Chintan Desai (TM)

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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

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



74754 <b>E-mail :</b> lab@enpr <b>st Report</b>	o.co.in	TC - 5885
TC588523000002536E	Jeeus Date : 34 03 3	022

Format No: QR/7.8/02	Test Report No : TC588523000002536F	Issue Date: 31-03-2023
ULR No: TC588523000002536F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Nr. ETP Outlet Tank ST-01

Sampling By : Prashant Patel

Prashant Patel Qty / Nos of Sample : 1 / 1 No. 23-03-2023 Packing / Seal : Sealed:

Date of Sampling : 23-03-2023 Packing / Seal : Sealed
Sample Received Date : 24-03-2023 Protocol / Purpose : Ambient Air Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 25-03-2023 Sampling Method : WI/AA/A Sample ID : 0323/AA02536

Duration Sampling : 24 Hrs.

	Atmospheric Condition	
Wind Direction	Weather Condition	Temperature ( °C )
NE>SW	Sunny	Max.: 35 Min.: 23

DETAILS OF	INSTRUMENT USED F	OR MONITORING		(C-10-15-11-
Instrument Name	ID No	Sr No	Cal Date	Cal Due Date
Ambient Fine Dust Sampler (EP/HOJ/HC-115/O)	EP/HOJ/HC-115/O	-161002049	02-05-2022	01-05-2023
Respirable Dust Sampler (EP/HOJ/HC-116/P)	EP/HOJ/HC-116/P	150403D003	03-05-2022	02-05-2023

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Particulate Matter (PM10)	μg/m³	85.6	100	IS 5182 (Part-23):2006
2	Particulate Matter (PM2.5)	μg/m³	44.9	60	IS 5182 (Part-24):2019
3	Sulphur Dioxide (SO₂)	µg/m³	15.3	80	IS 5182 (Part-2):2001
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m³	22.7	80	IS 5182 (Part-6):2006
5	Carbon Monoxide (as CO)	mg/m³	BDL	2.0	IS 5182 (Part-10):1999

Note: BDL:- Below Detectable Limit ( CO<0.2 mg/m3)

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

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

Sweety Patel (Dy.TM)

# Annexure-IV Third Party Monitoring Of The Functioning Of The EMS Along With Its Efficiency



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20-21, 2rd Floor, Surat-Navsan Main Road, Near Dena Bank, Bhestan Char Rasta, Bhestan, Surat-395023, (Guiarat) INDIA

#### TEST REPORT AMBIENT AIR ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No.	: TC862622000000573F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No.	: ECS/2022/700
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date	: 24/09/2022
Tal: Pardi, Dist: Valsad,	Report Page	: 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		AT	ATMOSPHERIC POLLUTION		
Date of Sampling	1	15/09/2022 to 16/09/2022	Sample Lab ID		11	AA-22-143	
Sampling By	1	ECS Team	Protocol (Purpose)		1	Routine Monitoring	
Sampling Time	1	09:25 Onwards	Date of Starting of	Test	1	17/09/2022	
Sampling Method	1	IS:5182	Date of Completion of Test		1 ±	19/09/2022	
Duration of Sampling (Hrs)	1	24 Hours	Test Method/Parameter		15	As Per Result Table	
Sample Received Date & Time	1	17/09/2022 & 09:30	Description of Location		1	Near Electric Panel Room	
Temperature (°C)	100	28	Category of Area / Zone		2	Industrial	
Humidity (%)	1	69			Т	01 no. of PM1c filter paper, 01	
Wind Speed (Km/Hr)	+	16,2	Quantity/ No. of Sample		2	no. of PM <sub>2</sub> , filter paper & 02 bottles of gaseous samples of SO <sub>2</sub> & NO <sub>3</sub>	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Respirable Particulate Matter (PM <sub>m</sub> )	µg/m' ^	66.46	100.00	IS:5182 (Part-23), 2006 (Reaffirmed 2017)
2	Fine Particulate Matter (PM <sub>25</sub> )	µg/m²	45.74	60.00	18:5182 (Part-24), 2019
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	18.70	80.00	IS:5182 (Part-2), 2001 (Reaffirmed 2017)
4	Nitrogen Oxides (NO <sub>0</sub> )	μg/m <sup>7</sup>	19.15	80.00	IS:5182 (Part-6), 2006 (Reaffirmed 2017)

NOTE: - This report is subjected to the terms & conditions mentioned overleaf.

#### FOR ECO-CLEAN CONSULTING SERVICES

W.G. SHAIKH (AETHORIZED SIGNATORY)





C-8626



7575070770 info@ecoc 9825407200 www.ecoc

info@ecocleancs.com www.ecocleancs.com

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

#### TEST REPORT AMBIENT AIR ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000574F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/701
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		AT	TMOSPHERIC POLLUTION		
Date of Sampling	2	15/09/2022 to 16/09/2022	Sample Lab ID		1:	AA-22-144	
Sampling By	1	ECS Team	Protocol (Purpose)		13	Routine Monitoring	
Sampling Time	1	09:30 Onwards	Date of Starting of	Test	1	17/09/2022	
Sampling Method	20	1S:5182	Date of Completion of Test		1	19/09/2022	
Duration of Sampling (Hrs)	1	24 Hours	Test Method/Parameter		1	As Per Result Table	
Sample Received Date & Time	0	17/09/2022 & 09:30	Description of Location		1	Near MEE Plant	
Temperature (°C)	1	28	Category of Area / Zone		1	Industrial	
Humidity (%)	0	69	Quantity/ No. of Sample		T	01 no. of PM <sub>10</sub> filter paper, 01	
Wind Speed (Km/Hr)		16.2			i.	no. of PM <sub>2.5</sub> filter paper & 02 bottles of gaseous samples of SO <sub>2</sub> & NO <sub>5</sub>	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Respirable Particulate Matter (PM <sub>in</sub> )	µg/m³	72.05	100.00	1S:5182 (Part-23), 2006 (Reaffirmed 2017)
2	Fine Particulate Matter (PM <sub>2-5</sub> )	μg/m³	41.49	60.00	IS:5182 (Part-24), 2019
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m³	14.52	80.00	IS:5182 (Part-2), 2001 (Reaffirmed 2017)
4	Nitrogen Oxides (NO <sub>60</sub>	µg/m³	9,93	80.00	IS:5182 (Part-6), 2006 (Reaffirmed 2017)

NOTE: - This report is subjected to the terms & conditions mentioned overleaf.

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(SP)

TC-8626

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000575F
M/s. Aarti Industries Ltd. (Custom Dīv)	Test Report No. ; ECS/2022/702
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	1	15/09/2022	Sample Lab ID	14	ST-22-231	
Sampling By	13	ECS Team	Protocol (Purpose)	- 14	Routine Monitoring	
Sampling Time	1	09:55 Onwards	Date of Starting of Test		17/09/2022	
Duration of Sampling	41	40 Minutes	Date of Completion of	est :	19/09/2022	
Sample Received Date & Time	13	17/09/2022 & 09:30	Test Method/Parameter	1	As Per Result Table	
Packing/ Sealed	1:	Packing				
Description of Sampling	=	Stack attached to D.G. Set (625 KVA)	Quantity/ No. of Sample	E 3	I no. of thimble, I bottle of gaseous sample & I Flask.	

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1.	Air Pollution Control System (APCM)	Adequate Stack Height			
2	Stack Height (Mtr) and Diameter (Mtr)	11 and 0.25			
3	Temperature of Flue Gas (°C)	122			
4	Velocity of flue gas (m/s)	8.03			
5	Type of Fuel Used	Diesel			

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Particular Matter (PM)	mg/Nm <sup>3</sup>	24.45	150,00	1S 11255 (Part-1)1985 (Reaffirmed 2014)
2	Sulphur Dioxide (5O <sub>2</sub> )	ppm	8.25	100.00	IS 11255 (Part-2)1985 (Reaffirmed 2014)
3:	Nitrogen Oxides (NO <sub>c</sub> )	ppm	15.70	50.00	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/703
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION	
Date of Sampling	:	15/09/2022	Sample Lah ID	11	ST-22-232
Sampling By	1	ECS Team	Protocol (Purpose)	1 1	Routine Monitoring
Sampling Time	1	13:10 Onwards	Date of Starting of Test		20/09/2022
Duration of Sampling	1	15 Minutes	Date of Completion of T	est :	20/09/2022
Sample Received Date & Time	4	17/09/2022 & 09:30	Test Method/Parameter	1	As Per Result Table
Packing/ Sealed	1	Packing			
Description of Sampling	1	Vent of Stack attached to Block-II Reactor Scrubber	Quantity/ No. of Sample	4	I bottle of gaseous sample

DESCRI	DESCRIPTION OF STACK/VENT:					
Sr. No.						
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber				
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height				
3	Temperature of Flue Gas (°C)	32				
4	Velocity of flue gas (m/s)					
5	Type of Fuel Used	100				

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCI	mg/Nm <sup>3</sup>	10.78	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000576F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/704
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date ; 24/09/2022
Tal: Pardi, Dist: Vaisad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID	1 5	ST-22-233
Sampling By	+	ECS Team	Protocol (Purpose)	- 1	Routine Monitoring
Sampling Time	4	13:40 Onwards	Date of Starting of Test		17/09/2022
Duration of Sampling	4	15 Minutes	Date of Completion of Te	st :	20/09/2022
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	- 1	As Per Result Table
Packing/ Sealed	1	Packing			
Description of Sampling :		Vent of Stack attached to Block-III Reactor Scrubber	Quantity/ No. of Sample	=	2 bottle of gaseous samples

DESCRI	DESCRIPTION OF STACK/VENT:					
Sr. No.	Ch. Aline					
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber				
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height				
3	Temperature of Flue Gas (°C)	32				
4	Velocity of flue gas (m/s)					
5	Type of Fuel Used	H				

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
19	Sulphur Dioxide (SO <sub>3</sub> )	mg/Nm³	9.66	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)
2.	Nitrogen Oxides (NO <sub>2</sub> )	ppm	6.43	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/704a
Plot no:- 22/C-1, Phase-1, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal; Pardi, Dist; Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID	. 4	ST-22-233
Sampling By		ECS Team	Protocol (Purpose)	1	Routine Monitoring
Sampling Time	1	13:40 Onwards	Date of Starting of Test	1	17/09/2022
Duration of Sampling	4.	15 Minutes	Date of Completion of To	25%	20/09/2022
Sample Received Date & Time	18	17/09/2022 & 09:30	Test Method/Parameter	13	As Per Result Table
Packing/ Sealed	0	Packing			
Description of Sampling	:	Vent of Stack attached to Block-III Reactor Scrubber	Quantity/ No. of Sample	đ	2 bottle of gaseous sample

Sr. No.		
Ţ	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alicali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
.4	Velocity of flue gas (m/s)	+-
5 "	Type of Fuel Used	÷4.

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCl	mg/Nm <sup>3</sup>	5.18	20	Titrimetric Method
2	HBr	mg/Nm <sup>3</sup>	BDL (DL:0.5)	09	Colorimetric Method

Remarks: \*BDL= Below Detection Limit, \*\*DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000577F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/705
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist; Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID		ST-22-234
Sampling By	1	ECS Team	Protocol (Purpose)		Routine Monitoring
Sampling Time	2	14:15 Onwards	Date of Starting of Test	t :	17/09/2022
Duration of Sampling	1	15 Minutes	Date of Completion of	Test	20/09/2022
Sample Received Date & Time	13:	17/09/2022 & 09:30	Test Method/Parameter		As Per Result Table
Packing/ Sealed	1	Packing	- Ottomore con a		
Description of Sampling	:	Vent of Stack attached to Block-IV Reactor Scrubber	Quantity/ No. of Sample	e :	l bottle of gaseous sample

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber + Two Stage Alkali Scrubber			
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height			
3	Temperature of Flue Gas (°C)	32			
4	Velocity of flue gas (m/s)	H			
5	Type of Fuel Used	H.			

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	12.99	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:		
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/705a	
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022	
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1	

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID	12	ST-22-234	
Sampling By	1	ECS Team	Protocol (Purpose)		Routine Monitoring	
Sampling Time		14:15 Onwards	Date of Starting of Test	- 1	17/09/2022	
Duration of Sampling	1	15 Minutes Dute of Completion of Test		est I	20/09/2022	
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	1	As Per Result Table	
Packing/ Sealed	1	Packing	100			
Description of Sampling :		Vent of Stack attached to Block-IV Reactor Scrubber	Quantity/ No. of Sample	3 1 4	I bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1	Air Pollution Control System (APCM)	Three Stage Water Scrubber - Two Stage Alkali Scrubber			
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height			
3	Temperature of Flue Gas (°C)	32			
4	Velocity of flue gas (m/s)	Her. 1997			
5	Type of Fuel Used				

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCI	mg/Nm <sup>3</sup>	5.22	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000578F
M/s. Aurti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/706
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICALT	ESTING.	ATMOSPHERIC POLLUTION		
Date of Sampling :		15/09/2022 Sample Lab ID		: ST-		ST-22-235
Sampling By	10	ECS Team	Protocol (Purpose)		1	Routine Monitoring
Sampling Time	1	14:50 Onwards	Date of Starting of Test			20/09/2022
Duration of Sampling	1	15 Minutes	Date of Completion of Test		i	20/09/2022
Sample Received Date & Time	1.5	17/09/2022 & 09:30 Test Method/Parameter		ï	As Per Result Table	
Packing/ Scaled	1	Packing				
Description of Samuling Vent of		Vent of Stack attached to Block-V Reactor Scrubber			‡	I bottle of gaseous sample

DESCR	DESCRIPTION OF STACK/VENT;						
Sr. No.	110000000000000000000000000000000000000						
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber					
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height					
3	Temperature of Flue Gas (°C)	34					
4	Velocity of flue gas (m/s)						
5	Type of Fuel Used						

RE	SUL	ΤТ	AB	ĿЕ

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Nitrogen Oxides (NO <sub>4</sub> )	ppm	6.81	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/706a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION		
Date of Sampling :		15/09/2022 Sample Lab ID			1	ST-22-235
Sampling By	1	ECS Team	Protocol (Purpose)		:	Routine Monitoring
Sampling Time	1	14:50 Onwards	Date of Starting of Tes	d.	:	20/09/2022
Duration of Sampling	:	15 Minutes	Date of Completion of	Test	:	20/09/2022
Sample Received Date & Time	10	17/09/2022 & 09:30	Test Method/Paramete	r	:	As Per Result Table
Packing/ Sealed	1	Packing				
Description of Sampling :		Vent of Stack attached to Quantity/ No. of Block-V Reactor Scrubber		le	4	I bottle of gaseous sample

DESCRI	DESCRIPTION OF STACK/VENT:						
Sr. No.							
T	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber					
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height					
3	Temperature of Flue Gas (°C)	34					
.4	Velocity of flue gas (m/s)						
5	Type of Fuel Used	+-					

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCI	mg/Nm <sup>3</sup>	10.76	20.	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000579F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/707
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			ATMOSPHERIC POLLUTION		
Date of Sampling :		15/09/2022 Sample Lab ID			1	ST-22-236	
Sampling By	130	ECS Team	Protocol (Purpose)		65	Routine Monitoring	
Sampling Time	133	15:20 Onwards	Date of Starting of Te	st	1	20/09/2022	
Duration of Sampling	3	15 Minutes	Date of Completion of Test		4	20/09/2022	
Sample Received Date & Time	135	17/09/2022 & 09:30	Test Method/Paramete	er.	1	As Per Result Table	
Packing/ Sealed	15	Packing:					
Description of Sampling . Vent		Vent of Stack attached to Block-VI Reactor Scrubber	Quantity/ No. of Sample		1	1 bottle of gaseous sample	

DESCRIPTION OF STACK/VENT:						
Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber					
Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height					
Temperature of Flue Gas (°C)	33					
Velocity of flue gas (m/s)						
Type of Fuel Used	94,					
	Air Pollution Control System (APCM) Stack Height (Mtr) and Diameter (Mtr) Temperature of Flue Gas (°C) Velocity of flue gas (m/s)					

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD .
- (	Nitrogen Oxides (NO <sub>4</sub> )	ppm	5.91	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/707a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Purdi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			ATMOSPHERIC POLLUTION		
Date of Sampling	1	15/09/2022	Sample Lab ID		12	ST-22-236	
Sampling By		ECS Team	Protocol (Purpose)		14	Routine Monitoring	
Sampling Time	12	15:20 Onwards	Date of Starting of To	est	1	20/09/2022	
Duration of Sampling	1	15 Minutes	Date of Completion of	of Test	1	20/09/2022	
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Paramet	er	1	As Per Result Table	
Packing/ Sealed		Packing	1 - 1 - 1 - 1 - 1				
Description of Sampling :		Vent of Stack attached to Quantity/ No. of S Block-VI Reactor Scrubber		ple	1	I bottle of gaseous sample	

Sr. No.		
- 1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	-
5	Type of Fuel Used	Θ.

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HC1	mg/Nm <sup>3</sup>	5.22	- 20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:		
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/708	
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022	
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1	

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			ATMOSPHERIC POLLUTION		
Date of Sampling	4	15/09/2022	Sample Lab ID		4	ST-22-237	
Sampling By	13	ECS Team	Protocol (Purpose)		4	Routine Monitoring	
Sampling Time	1	15:50 Onwards	Date of Starting of Tes	st	7	20/09/2022	
Duration of Sampling	18	15 Minutes	Date of Completion of	Test	1	20/09/2022	
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Paramete	it.		As Per Result Table	
Packing/ Sealed :		Packing				The second second	
Description of Sampling	:	Vent of Stack attached to Pilat Plant Scrubber	Quantity/ No. of Samp	de	I	I bottle of gaseous sample	

DESCRI	PTION OF STACK/VENT:	
Sr. No.		
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	33
4	Velocity of flue gas (m/s)	
5	Type of Fuel Used	H.

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HC1	mg/Nm³	10,77	20	Titrimetric Method

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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END OF TEST REPORT.



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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/709
Plot not- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tul: Pardi, Dist; Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	13	15/09/2022	Sample Lab ID	- 14	ST-22-238	
Sampling By	1	ECS Team	Protocol (Purpose)	- 3	Routine Monitoring	
Sampling Time	13	16:15 Onwards	Date of Starting of Test		20/09/2022	
Duration of Sampling	1	15 Minutes	Date of Completion of To	251 1	20/09/2022	
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	12	As Per Result Table	
Packing/ Sealed	100	Packing				
Description of Sampling	3	Vent of Stack attached to Block-V Reactor Scrubber	Quantity/ No. of Sample	1	I bottle of gaseous sample	

DESCRI	ESCRIPTION OF STACK/VENT:					
Sr. No.						
T	Air Pollution Control System (APCM)	Water Scrubber followed by Acid Scrubber				
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height				
3.	Temperature of Flue Gas (°C)	33				
4.	Velocity of flue gas (m/s)					
5	Type of Fuel Used					

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	NH3 (Ammonia)	mg/Nm <sup>3</sup>	BDL (DL: < 2)	40	IS: 11255 (Part-5) - 1999

Remarks: \*BDL= Below Detection Limit, \*\*DL-Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/710
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		ATMOSPHERIC POLLETION		
Date of Sampling : 15/09/2022 Sample L.		Sample Lab ID			: ST-22-239	
Sampling By	÷	ECS Team	Protocol (Purpose)		4	Routine Monitoring
Sampling Time	1	16:45 Onwards	Date of Starting of Test		1	20/09/2022
Duration of Sampling	-	15 Minutes	Date of Completion of Test		1	20/09/2022
Sample Received Date & Time	13	17/09/2022 & 09:30	Test Method/Parameter		1	As Per Result Table
Packing/ Sealed	1	Packing			П	8 2 7 7
Description of Sampling	:‡:	Vent of Stack attached to Block-I Reactor Scrubber	Quantity/ No. of Sar	uple	1	1 bottle of gaseous sample

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1	Air Pollution Control System (APCM)	Water Scrubber + Acid Scrubber			
2	Stack Height (Mir) and Diameter (Mtr)	5 Mtr Height			
3	Temperature of Flue Gas (°C)	33			
4	Velocity of flue gas (m/s)	**			
5	Type of Fuel Used	÷.			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	NH3 (Ammonia)	mg/Nm <sup>3</sup>	BDL (DL:< 2)	40	IS: 11255 (Part-5) - 1999

Remarks: \*BDL= Below Detection Limit, \*\*DL-Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:			
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/711		
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022		
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1		

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID	- 4	ST-22-240
Sampling By	H	ECS Team	Protocol (Purpose)	- 1	Routine Monitoring
Sampling Time	1	17:20 Onwards	Date of Starting of Test		20/09/2022
Duration of Sampling	1	15 Minutes	Date of Completion of T	csi :	20/09/2022
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	- 1	As Per Result Tuble
Packing/ Sealed	1	Packing			12
Description of Sampling	4	Vent of Stack attached to Phosphoric Acid Plant	Quantity/ No. of Sample	9   6	I bottle of gaseous sample

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1	Air Pollution Control System (APCM)	Water Scrubber + Alkali Scrubber			
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height			
3	Temperature of Flue Gas (°C)	32			
4	Velocity of flue gas (m/s)				
5	Type of Fuel Used	the contract of the contract o			

RESULT TABLE PERMISSIBLE TEST SR. TEST METHOD UNIT RESULT LIMIT PARAMETER NO. Titrimetric Method 20 5.22 HCI mg/Nm<sup>2</sup> 1

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No :T	C862622000000580F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : E	CS/2022/712
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 2	4/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1	of I

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		ATMOSPHERIC POLLUTION	
Date of Sampling	1	15/09/2022	Sample Lab ID	1	ST-22-241
Sampling By	H	ECS Team	Protocol (Purpose)	3	Routine Monitoring
Sampling Time	1	17:50 Onwards	Date of Starting of Test	1	17/09/2022
Duration of Sampling	II	15 Minutes	Date of Completion of Te	SI C	20/09/2022
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	1 5	As Per Result Table
Packing/ Sealed	4	Packing	Parlance Par		- S - S - S - S
Description of Sampling	1	Vent of Stack attached to Block-II Reactor Scrubber	Quantity/ No. of Sample	=	2 bottle of gaseous samples

DESCRIPTION OF STACK/VENT:					
Sr. No.					
1	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alicali Scrubber			
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height			
3	Temperature of Flue Gas ("C)	32			
4	Velocity of flue gas (nvs)	-			
5	Type of Fuel Used	. H			

RESULT TABLE

SR. NO:	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	13.29	40	IS 11255 (Part-2)1985 (Reaffirmed 2014)
2	Nitrogen Oxides (NO <sub>x</sub> )	ppm	7.30	50	IS:11255 (Part-7)2005 (Reaffirmed 2017)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES





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

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#### TEST REPORT STACK ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/712a
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL T	ESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	te of Sampling : 15/09/2022 Sample Lab ID		- 2	ST-22-241		
Sampling By	1	ECS Team	Protocol (Purpose)	- 1	Routine Monitoring	
Sampling Time	:	17:50 Onwards	Date of Starting of Test		17/09/2022	
Duration of Sampling	1	15 Minutes	Date of Completion of T	est :	20/09/2022	
Sample Received Date & Time	1	17/09/2022 & 09:30	Test Method/Parameter	13	As Per Result Table	
Packing/ Sealed	1	Packing			2800 B 11	
Description of Sampling	:	Vent of Stack attached to Block-II Reactor Scrubber	Quantity/ No. of Sample	#	2 bottle of gaseous sample	

Sr. No.		
t	Air Pollution Control System (APCM)	Two Stage Water Scrubber + Alkali Scrubber
2	Stack Height (Mtr) and Diameter (Mtr)	5 Mtr Height
3	Temperature of Flue Gas (°C)	32
4	Velocity of flue gas (m/s)	
.5	Type of Fuel Used	44

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSIBLE LIMIT	TEST METHOD
1	HCI	mg/Nm <sup>3</sup>	5.34	20	Titrimetric Method
2	HBr	mg/Nm <sup>3</sup>	BDL (DL:0.5)	09	Colorimetric Method

Remarks: \*BDL= Below Detection Limit, \*\*DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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#### TEST RPORT WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000581F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. ; ECS/2022/713
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			POLLUTION & ENVIRONMENT		
Date of Sampling	pling : 15/09/2022 Sample Lab ID		: 15/09/2022 Sample Lab ID		15/09/2022 Sample Lab ID		WA-22-177
Sampling By	1	ECS Team	Protocol (Purpose)	8	Routine Monitoring		
Sample Received Date	1	17/09/2022	Date of Starting of Test	100	17/09/2022		
Quantity/No. of Sample	1	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	i	23/09/2022		
Packing/Sealed	-	Sealed	Test Method/ Parameter	- 1	As Per Result Table		
Description of Sample		Waste Water - Concentrated Steam					

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD	
1	рH	pH Unit	8.43	IS:3025 (Part - 11):1983 (Reaffirmed 2017)	
2	Temperature	°C	29	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017	
3	Color	Pt.co.sc	200	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017	
4	Total Suspended Solids	mg/L	221.20	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017	
5	Oil & Grease	mg/L	8,25	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method: 2017	
6	Phenolic Compound	mg/L	2.03	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017	
7	Sulphide	mg/L	3.02	APHA (23rd Ed.) 4500 S2- F Stundard Method (4-187) Iodometric Method: 2017	
8	Ammonical Nitrogen	mg/L	386.40	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4- 114,115,116) Titrimetric Method: 2017	
9	Hexavalent Chromium	mg/L	0.12	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method: 2017	
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	14000.20	IS:3025 (P-44)1993 (3 days at 27°C): 2014	
11	Chemical Oxygen Demand	mg/L	78000.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Op Keflux Method: 2017	
12	Chloride	mg/L	19325.92	APHA (23rd Ed.) 4500CI-B Standard Method (4-7) Argentometric Method: 2017	
13	Sulphate	mg/L	7482.60	APHA (23rd Ed.) 4500 SO4-E Standard Method (4- 199) Turbidimetric Method: 2017	

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CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000581F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. ; ECS/2022/713
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal; Pardi, Dist; Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			POLLUTION & ENVIRONMENT	
Date of Sampling : 15/09/2022 Sample Lab ID		30	WA-22-177			
Sampling By	130	ECS Team	Protocol (Purpose)	1.	Routine Monitoring	
Sample Received Date	3.	17/09/2022	Date of Starting of Test	- 1	17/09/2022	
Quantity/No. of Sumple	1	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	8	23/09/2022	
Packing/Sealed	1	Sealed	Test Method/ Parameter	- 1	As Per Result Table	
Description of Sample	12	Waste Water - Concentrated Steam				

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/L	70890.60	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

NOIE:-This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES





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

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#### TEST RPORT WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000582F
M/s. Aurti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/714
Plot-no:- 22/C-1, Phase-1, GIDC Estate Vapi - 396195,	Issue Date ; 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			POLLUTION & ENVIRONMENT	
Date of Sampling : 15/09/2022		Sample Lab ID	1	WA-22-178		
Sampling By	3.	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sample Received Date	8	17/09/2022	Date of Starting of Test	1	17/09/2022	
Quantity/No. of Sample	1	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	1	23/09/2022	
Packing/Sealed	- 2	Sealed	Test Method Parameter		As Per Result Table	
Description of Sample	1	Waste Water - Dilute Steam				

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD		
15	pH	pH Unit	5.83	IS:3025 (Part - 11):1983 (Reaffirmed 2017)		
2 .	Temperature	°C	28	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017		
3,	Color	Pt.co.sc	10	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017		
4	Total Suspended Solids	mg/L	25.20	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017		
5	Oil & Grease	mg/L	3.55	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method : 2017		
6	Phenolic Compound	mg/L	1.06	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017		
7	Sulphide	mg/L	BDL (DL:0.04)	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017		
8	Ammonical Nitrogen	mg/L	151.20	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4- 114,115,116) Titrimetric Method: 2017		
9	Hexavalent Chromium	mg/L	0.05	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method: 2017		
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	1850.20	IS:3025 (P-44)1993 (3 days at 27°C): 2014		
311	Chemical Oxygen Demand	mg/L	7800.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Op Reflux Method; 2017		
12	Chloride	mg/L	1015.43	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75 Argentometric Method: 2017		
1,3	Sulphate	mg/L	282.68	APHA (23rd Ed.) 4500 SO4-E Standard Method (4- 199) Turbidimetric Method: 2017		



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CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000582F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/714
Plot not- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist; Valsad.	Report Page (s) : 2 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING		POLLUTION & ENVIRONMENT		
Date of Sampling	1:	15/09/2022	Sample Lab ID	i i	WA-22-178	
Sampling By	2	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sample Received Date	40	17/09/2022	Date of Starting of Test		17/09/2022	
Quantity/No. of Sample	ŧ	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	2	23/09/2022	
Packing/Sealed	- 1	Scaled	Test Method/Parameter	12	As Per Result Table	
Description of Sample	1	Waste Water - Dilute Steam				

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD		
14	Total Dissolved Solids	mg/L	2316.20	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017		

Remarks: \*BDL=Below Detection Limit, \*\*DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES





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# TEST RPORT WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No. : TC862622000000583F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/715
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 2

DESCRIPTION OF SAMI	SCRIPTION OF SAMPLE: CHEMICAL TES		CAL TESTING	TESTING POLLUTION & ENVIR		
Date of Sampling	1	15/09/2022	Sample Lab ID	1	WA-22-179	
Sampling By	18	ECS Team	Protocol (Purpose)	. 1	Routine Monitoring	
Sample Received Date	1	17/09/2022	Date of Starting of Test	1.5	17/09/2022	
Quantity/No. of Sample	ŧ	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test		23/09/2022	
Packing/Sealed	1.	Sealed	Test Method/ Parameter		As Per Result Table	
Description of Sample	1	Waste Water - After A	Waste Water - After Aeration feed to MEE			

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
10.	pH	pH Unit	7.13	IS:3025 (Part - 11):1983 (Reaffirmed 2017)
2 -	Temperature	°C	28	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017
3	Color	Pt.co.sc	10	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method: 2017
4	Total Suspended Solids	mg/L	84.40	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017
5	Oil & Grease	mg/L	2.80	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method ; 2017
6	Phenolic Compound	mg/L	0.68	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method; 2017
7	Sulphide	mg/L	1.16	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017
8	Ammonical Nitrogen	mg/L	96.88	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4- 114,115,116) Titrimetric Method: 2017
9	Hexavalent Chromium	mg/L	0.09	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-7) Colorimetric Method: 2017
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	316.87	1S:3025 (P-44)1993 (3 days at 27°C): 2014
Ϊİ	Chemical Oxygen Demand	mg/L	1360.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Oper Eeflux Method; 2017
12	Chloride	mg/L	2292.91	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75 Argentometric Method: 2017
13	Sulphate	mg/L	231.13	APHA (23rd Ed.) 4500 SO4-E Standard Method (4- 199) Turbidimetric Method: 2017

# **ECO-CLEAN**Consulting Services

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GPCB Approved Schedule-II Environmental Auditor

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CUSTOMER'S NAME AND ADDRESS:	LILR No.	: TC862622000000583F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No.	: ECS/2022/715
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195.	Issue Date	: 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s)	: 2 of 2

DESCRIPTION OF SAMPLE:		CHEMICAL TESTING			POLLUTION & ENVIRONMENT		
Date of Sampling	-	15/09/2022	Sample Lab ID	11	: WA-22-179		
Sampling By		ECS Team	Protocol (Purpose)	15	Routine Monitoring		
Sample Received Date	1	17/09/2022	Date of Starting of Test	1	17/09/2022		
Quantity/No. of Sample	ŧ	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	1	23/09/2022		
Packing/Sealed	1	Sealed	Test Method/Parameter	1.5	As Per Result Table		
Description of Sample	1:	Waste Water - After Aeration feed to MEE					

RESULT TABLE

SR. NO.	TEST PARAMETER	TEST PARAMETER UNIT RESULT		TEST METHOD
14	Total Dissolved Solids	mg/L	5179.20	APHA (23rd Ed.) 2540-C Standard Method (2-69): 2017

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

TC-8626

M. G. SHAIKH (AUTHORIZED SIGNATORY)

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



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# TEST RPORT WASTE WATER ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	ULR No.	: TC862622000000584F	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No.	ECS/2022/716	
Plot no:- 22/C-1, Phase-1, GIDC Estate Vapi - 396195,	Issue Date	: 24/09/2022	
Tal: Pardi, Dist: Valsad.	Report Page (s)	: 1 of 2	

DESCRIPTION OF SAMI	DESCRIPTION OF SAMPLE: CHEMICAL		CAL TESTING	POLLUTION & ENVIRONME		
Date of Sampling	:	15/09/2022	Sample Lab ID	1	WA-22-180	
Sampling By	1.2	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sample Received Date	1.0	17/09/2022	Date of Starting of Test	1	17/09/2022	
Quantity/No. of Sample	1	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	1	23/09/2022	
Packing/Sealed	-	Sealed	Test Method/ Parameter	4.	As Per Result Table	
Description of Sample	- 4	Waste Water - R.O Per	Waste Water - R.O Permeate Re-use			

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD	
10	pH	pH Unit	7.02	IS:3025 (Part - 11):1983 (Reaffirmed 2017)	
2	Temperature	°c	27	APHA (23rd Ed.) 2550-B Standard Method (2-74): 2017	
3	Color	Pt.co.sc	<2	APHA (23rd Ed.) 2120- C Standard Method (2-7) Spectrometric Single Wavelength Method; 2017	
4	Total Suspended Solids	mg/L	BDL (DL:0.2)	APHA (23rd Ed.) 2540-D Standard Method (2-70): 2017	
5	Oil & Grease	mg/L	BDL (DL:0.1)	APHA(23rd Ed.) 5520 B Standard Method (5-42) Liquid-Liquid Partition Gravimetric Method: 2017	
6	Phenolic Conspound	mg/L	0.04	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method: 2017	
7	Sulphide	mg/L	BDL (DL:0.04)	APHA (23rd Ed.) 4500 S2- F Standard Method (4-187) Iodometric Method: 2017	
8	Ammonical Nitrogen	mg/L	7.84	APHA(23rd Ed.) 4500NH3-B & C Standard Method(4- 114,115,116) Titrimetric Method: 2017	
9	Hexavalent Chromium	mg/L	BDL (DL:0.0015)	APHA (23rd Ed.) 3500 Cr-B Standard Method (3-71) Colorimetric Method; 2017	
10	Biochemical Oxygen Demand (3 days @ 27°C)	mg/L	< 5.00	IS:3025 (P-44)1993 (3 days at 27°C): 2014	
11	Chemical Oxygen Demand	mg/L	30.00	APHA (23rd Ed.) 5220-B Standard Method (5-18) Op Reflux Method: 2017	
12	Chloride	mg/L	48.67	APHA (23rd Ed.) 4500Cl-B Standard Method (4-75) Argentometric Method: 2017	
13	Sulphate	mg/L	24,61	APHA (23rd Ed.) 4500 SO4-E Standard Method (4- 199) Turbidimetric Method: 2017	

# **ECO-CLEAN**Consulting Services

Laboratory Testing GPCB Approved Schedule-II Environmental Auditor 7575070770 9825407200 info@ecocleancs.com www.ecocleancs.com

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

CUSTOMER'S NAME AND ADDRESS:	ULR No.	: TC862622000000584F	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No.	: ECS/2022/716	
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date	: 24/09/2022	
Tal: Pardi, Dist: Valsad.	Report Page (s)	: 2 of 2	

DESCRIPTION OF SAMI	PLE:	CHEMICAL TESTING		POLLUTION & ENVIRONMENT		
Date of Sampling	- 3	15/09/2022	Sample Lab ID	11	WA-22-180	
Sampling By	1.0	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sample Received Date	1	17/09/2022	Date of Starting of Test	1	17/09/2022	
Quantity/No. of Sample	14	1 Carboy of 2 Liter + 1 Carboy of 1 Liter	Date of Completion of Test	8	23/09/2022	
Packing/Sealed	1	Sealed	Test Method/ Parameter		As Per Result Table	
Description of Sample	1	Waste Water - R.O Per	Waste Water - R.O Permeate Re-use			

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
14	Total Dissolved Solids	mg/L	216.40	APHA (23rd Ed.) 2540-C Standard Method (2-69) 2017

Remarks: \*BDL= Below Detection Limit, \*\*DL=Detection Limit

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

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TC-8626

(AUTHORIZED SIGNATORY)

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



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#### TEST REPORT NOISE MONITORING REPORT

CUSTOMER'S NAME & ADDRESS:	ULR No. : TC862622000000585F
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/717
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195.	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page (s) : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL TI	ESTING	ATMOSPHERIC POLLUTION		
Date of Monitoring	1 1	15/09/2022	Sample Lab ID	18	NO-22-61	
Monitoring By	- 1	ECS Team	Protocol (Purpose)	- 3	Routine Monitoring	
Monitoring Time	1	11:20 to 12:55 (Day Time) & 22:10 to 23:45 (Night Time)	No. of Location(s)	(2)	10	
Category of Area / Zone	1.5	Industrial	Type of Sampling	1	Source	
Sampling Method	13	IS/ISO 8528 (Part-10):1998	Calculation Method	36	As Per CPCB Guidelines:2015	

RESULT TABLE

		NOISE LEV	EL IN dB (A)	PERMISSIBLE LIMIT dB (A)								
		Day Time	Night Time	Industrial		Commercial		Residential		Silent		
SR. NO	LOCATION(S)	(D.T.) (06:00 Hrs to 22:00 Hrs)	(N.T.) (22:00 Hrs to 06:00 Hrs)	D.T.	N.T.	D.T.	N.T.	DT	NT	DT	NT	
		, Leq	Leq									
1	Near Main Gate	68.1	66.1						-			
2	Near Admin Office	67.3	65,2									
3	Near Electric Panel Room	71.7	68.3									
4	Near Block 5 & 6	73.5	68.6									
5	Near M.E.E Plant	74.3	69.4	75	70	65	55	55	45	50	40	
6	Near SRP Plant	72.3	68.5		100	1						
7	Near Block 3 & 4	73.4	68.9									
8	Near Block-1	73.2	68.3									
9.	Near Thermo pack	74.6	69,6									
10	Near ETP	71.5	68.2	1								

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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TC-8626



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# TEST REPORT WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/718
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL	TESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	1	15/09/2022	Sample Lab ID	1	WP-22-35	
Sampling By	TE.	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sampling Time	T	13:00 Onwards	Date of Starting of Test		19/09/2022	
Sampling Method	1	IS Methods	Date of Completion of	let :	19/09/2022	
Duration of Sampling (Hrs)	T	2 Hours & 1 Minutes	Test Method/Parameter	1	As Per Result Table	
Sample Received Date & Time	1:	17/09/2022 & 09:30	Description of Location		Block-1 Ground Floor	
Temperature (°C)		31	Category of Area / Zon	0 1	Industrial	
Humidity (%)	1	67	Quantity/ No. of Sample		01 no. of Filter Paper	
Wind Speed (Km/Hr)	1	16.3			or no. or rater raper	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSBILE LIMIT	TEST METHOD
1	Particulate Matter (PM)	μg/m³	27,74	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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(AUTHORIZED SIGNATORY)

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# TEST REPORT WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/719
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL	TESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	1:	16/09/2022	Sample Lab ID	1 2	WP-22-36	
Sampling By	1	ECS Team	Protocol (Purpose)	1.0	Routine Monitoring	
Sampling Time	1:	10:00 Onwards	Date of Starting of Test	1.5	19/09/2022	
Sampling Method	11	IS Methods	Date of Completion of Te	st - 1	19/09/2022	
Duration of Sampling (Hrs)	1:	2 Hours	Test Method/Parameter		As Per Result Table	
Sample Received Date & Time	1:	17/09/2022 & 09:30	Description of Location	- 1	Block-II Ground Floor	
Temperature (°C)	1	29	Category of Area / Zone		Industrial	
Humidity (%)	1	68	Photosia / No. of Princip		01	
Wind Speed (Km/Hr)	1	16.2	Quantity/ No. of Sample		01 no. of Filter Paper.	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSBILE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m²	56.07	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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# TEST REPORT WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/720
Plot no:- 22/C-1, Phase-1, GIDC Estate Vapi - 396195,	Issue Date ; 24/09/2022
Tal: Pardi, Dist; Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL	TESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	1.	16/09/2022	Sample Lab 1D	1	WP-22-37	
Sampling By	.1.	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sampling Time	T	12:20 Onwards	Date of Starting of Test	- 1	19/09/2022	
Sampling Method	1	IS Methods	Date of Completion of Test		19/09/2022	
Duration of Sampling (Hrs)	0	2 Hours & 2 Minutes	Test Method/Parameter		As Per Result Table	
Sample Received Date & Time	1	17/09/2022 & 09:30	Description of Location		Block-IV Ground Floor	
Temperature (°C)	1	30	Category of Area / Zone		Industrial	
Humidity (%)	Y	67				
Wind Speed (Km/Hr)	(4)	16.2	Quantity/ No. of Sample	1.7	01 no. of Filter Paper	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSBILE LIMIT	TEST METHOD
1	Particulate Matter (PM)	µg/m²	27.53	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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# TEST REPORT WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/721
Plot no: - 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist: Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL	TESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	1	16/09/2022	Sample Lab ID	- 1	WP-22-38	
Sampling By	1	ECS Team	Protocol (Purpose)		Routing Monitoring	
Sampling Time	4	14:30 Onwards	Date of Starting of Test		19/09/2022	
Sampling Method	1	1S Methods	Date of Completion of To	est :	19/09/2022	
Duration of Sampling (Hrs)	3	2 Hours & 3 Minutes	Test Method/Parameter	1	As Per Result Table	
Sample Received Date & Time	1	17/09/2022 & 09:30	Description of Location	1	Block-V Ground Floor	
Temperature (°C)	:	32	Category of Area / Zone		Industrial	
Humidity (%)	1	67	Occasion/No of Seconds	100	01 no. of Filter Paper	
Wind Speed (Km/Hr)	1	16.1	Quantity/ No. of Sample		OT HO. OI FILET Puper	

#### RESULT TABLE

SR. NO.	TEST PARAMETER UNIT		RESULT	PERMISSBILE LIMIT	TEST METHOD		
1	Particulate Matter (PM)	μg/m³	27,29	100,00	As Per ICMA- Using Handy Sampler (APM-821)		

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

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END OF TEST REPORT.....



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# TEST REPORT WORK PLACE ANALYSIS REPORT

CUSTOMER'S NAME AND ADDRESS:	
M/s. Aarti Industries Ltd. (Custom Div)	Test Report No. : ECS/2022/722
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi - 396195,	Issue Date : 24/09/2022
Tal: Pardi, Dist; Valsad.	Report Page : 1 of 1

DESCRIPTION OF SAMPLE:		CHEMICAL	TESTING	ATMOSPHERIC POLLUTION		
Date of Sampling	13	16/09/2022	Sample Lab ID	- 1	WP-22-39	
Sampling By	1.5	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Sampling Time	1	16:40 Onwards	Date of Starting of Test		19/09/2022	
Sampling Method	14	IS Methods	Date of Completion of Tes	t :	19/09/2022	
Duration of Sampling (Hrs)	1	2 Hours & 1 Minutes	Test Method/Parameter	4	As Per Result Table	
Sample Received Date & Time	1	17/09/2022 & 09:30	Description of Location	- 1:	Block-VI Ground Floor	
Temperature (°C)	1	33	Category of Area / Zone	4	Industrial	
Humidity (%)	1	67	Overella / No. of Seconds	- 0	01 no. of Filter Paper	
Wind Speed (Km/Hr)	4	16.4	Quantity/ No. of Sample	tpie.	O'I his of Fifter Paper	

#### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULT	PERMISSBILE LIMIT	TEST METHOD
1	Particulate Matter (PM)	μg/m³	55.48	100.00	As Per ICMA- Using Handy Sampler (APM-821)

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

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



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#### TEST REPORT VOC LEVEL MONITORING REPORT

CUSTOMER'S NAME AND ADDRESS:	Test Report No. : ECS/2022/723
M/s. Aarti Industries Ltd. (Custom Div)	Issue Date : 24/09/2022
Plot no:- 22/C-1, Phase-I, GIDC Estate Vapi = 396195,	Report Page (s) 1 of 1
Tal: Pardi, Dist: Valsad.	

DESCRIPTION OF SAMPLE:		CHEMIC	ATMOSPHERIC POLLUTION			
Date of Monitoring	3	16/09/2022	Sample Lab ID	13	VO-22-33	
Monitoring By	7.	ECS Team	Protocol (Purpose)	1	Routine Monitoring	
Monitoring Time	- 3	09:50 Onwards	No. of Stations	1	05	
Duration of Sampling	1.1	30 Minutes each	Category of Area / Zone	1	Industrial	

#### RESULT TABLE

SR. NO.	LOCATION	LOCATION UNIT V		TEST METHOD		
1	Block-l Ground Floor	ppm	7			
2	Block-II Ground Floor	ppm	5			
3	Block-IV Ground Floor	ppm	10	Electronic Instrument		
4 .	Block-V Ground Floor	ppm	9	with PID Sensor		
5	Block-VI Ground Floor	ppm	11			

NOTE:- This report is subjected to the terms & conditions mentioned overleaf.

FOR ECO-CLEAN CONSULTING SERVICES

M. G. SHAIKH

(AUTHORIZED SIGNATORY)

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

# Annexure-V Drainage disconnection certificate

# GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION

NO/GIDC/DEE/DRN/VPI/ G2G
office of the Dy. Ex. Engineer(Drainage)
GIDC/Vapi.

Dt- 23/7/12

# CERTIFICATE FOR DISCONNECTION OF DRAINAGE CONNECTION

This is to certify that the drainage connection of M/S Arti
Industries limited Plot No.22/C/1 & 2 is disconnected on dtd 23/07/2012
on request of party.

Dy. Executive Engineer (DRG)

G.I.D.C. Vapi.

# Annexure-VI Work Place Monitoring Report

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

 Name of the Department / Plant: Aarti Pharmalabs Limited. Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials — <u>Acetone, Methanol</u>, by-products: <u>—</u> and finished products: <u>ZN-VII</u> involving in the process.

 Particulars of sampling: Block-3 (FDP-II & FDP III), Sampling Duration: 8 Hrs.(09:15 AM to 05:15 PM) Date: 19 / 10 / 22

	ISSUE DATE REF. NO.	31 / 10 / 22 EP/AILCS/1022/WP01				
Airborne Contamination	TWA concen-	Number of workers	Signatu	Nama (in		

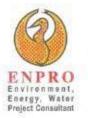
					Airborne ntamination	1	TWA concen-		of workers		Signatu	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	exposed at the location being monitor ed	Rema rks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acet	Benzene Sampler	01	65	65	250 ppm (TLV)	SOP No WI/AA/14- 01	3		Sylve Co.	PRASHANT PATEL
02.		Meth anol	Sr. No.: 141-DTH- 2018	01	25	25	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	0.80	1,1,000	edy o	13332
01.		Acet	Benzene Sampler	01	33	33	250 ppm (TLV)	SOP No,- WI/AA/14- 01			0	PRASHANT
02.	First Floor	Meth anol	Sr. No.: 140-DTH- 2018	01	17	17	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	3		Pakale.	PATEL
	T	T	1		1	I see	250 ppm					
01.	Second	Acet		01	9.0	9.0	(TLV)					
02.	Floor	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-				
03.	Second Floor (Near Pthionile Chloride Addition	thion yl Chlo ride	Sampler Sr. No.: 0911	01	N.T	N.T	1 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	i	_	bayere	PRASHANT PATEL

Note: N.T. -Not Traceable

Area)

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

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

3. Particulars of sampling: Block -2,

Date: 19 / 10 / 22

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

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP02

					Airborne ntamination	ı	TWA concen-		Number of workers		Signatu	
Sr. No	Location/ Operation Mentioned	Operation cont instrument Number	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)		
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Meth -anol		01	12	12	200 ppm (TLV)	SOP No WI/AA/14-			6	PRASHANT
02.	Ground Floor	Ethy -I Acet- ate	Handy Sampler Sr. No.: 74	01	10	10	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	3		baryle	PATEL
01.		Meth -anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-			8	PRASHANT
02.	First Floor	Ethy -l Acet- ate	Sampler Sr. No.: 0911	01	N.T.	N.T.	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	5	***	bours b'	PATEL

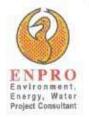
Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd

C. 1 . 050 Authorized Signatory

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

ETL222302.



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited. Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

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

Date: 19 / 10 / 22 Sampling Duration: 8 hrs.(05:25 PM to 01:25 AM) 3. Particulars of sampling: SRP Plant,

ISSUE DATE	31/10/22	
REF. NO.	EP/A1LCS/1022/WP03	_

					Airborne ntamination		TWA concen-		Number of workers		Signat	
Sr. No	Location/ ified Sampling Operation cont instrument Mentioned amin used ant	Number of samples	Range (Result) ppm	Avera ge ppm	(As per OHS Regulatio -n Section 5.48)	Reference method	at the location being monitor ed	Rema rks	of person taking sample s	Name (in block Letter)		
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Ethy -l Acet- ate	Handy	01	69	69	150 ppm (TLV)	SOP No W1/AA/14-		1	C. K.	PRASHANT
02.	Ground Floor	Meth -anol	Sampler Sr. No.: 74	01	50	50	200 ppm (TLV)	Ref: IS- 5182 - P-11:2006	3		Goxol &	PATEL
03.		Acet- one		01	39	39	250 ppm (TLV)					
01.		Ethy -l Acet- ate	Handy	01	20	20	150 ppm (TLV)	SOP No WI/AA/14-			, and a second	PRASHANT
02.	First Floor	Meth -anol	Sampler Sr. No.: 0911	01	17	17	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	5	HTC	Sayof a	PATEL
03.		Acet-		01	11	11	250 ppm (TLV)	F-11:2000				

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

10044 RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MOEF & CC + MABIL ACCREDITED CALIBRATION LABORATORY - SPCB APPROVED SHCEDULE II AUDITOR \*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR \*ISO 9001 : 2019 \*ISO 14001 : 2015 \*ISO 45001 : 2018

ETL222302



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enoro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Acetone & Methanol, by-products: - and finished products: ZN V & Zn VII involving in the process.

3. Particulars of sampling: Block-4, Date: 19 / 10 / 22 Sampling Duration: 8 hrs. .(05:25 PM to 01:25 AM)

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP04

					Airborne ntamination		TWA concen-		Number of workers		Signat	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	exposed at the location being monitor ed	rks n s	of person taking sample s	Name (in block Letter)
_	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet-	Personal Sampler Model:	01	42	42	250 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S-	2			
02.	Floor	Meth -anol	PEM-PAS 1 Sr. No.: 3414	01	44	44	200 ppm (TLV)	5182 P-11:2006				
01.		Acet- one	Personal Sampler	01	10	10	250 ppm (TLV)	SOP No WI/AA/14- 01				
02.	First Floor	Meth -anol	Model: PEM-PAS 1(L) Sr. No.: 1013	01	N.T.	N.T.	200 ppm (TLV)	Ref: 18- 5182 P-11:2006	2		(N)	NIKUNJ
01.		Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	4			VAGHASIYA
02.	Second Floor	Meth		01	N.T.	N.T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006				
01.	Third	Acet-	Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/I4- 01	1			
02.	Floor	Meth	2010	01	N.T.	N.T.	200 ppm (TLV)	Ref: 18- 5182 P-11:2006		Castes		

Note: N.T.-Not Traceable

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**Authorized Signatory** 

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hujiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

# FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials 

 by-products: 

 and finished products: 

 involving in the process.

3. Particulars of sampling: MEE Plant,

Date: 20 / 10 / 22 Sampling Duration: 8 hrs.(09:05 AM to 05:05 PM)

ISSUE DATE	31 / 10 / 22	
REF. NO.	EP/AILCS/1022/WP05	

			-5 -1111	C	Airborne ontamination		TWA concen-		Number of workers		Signatu re	DESIREMATE DE LA CONTRACTOR DE LA CONTRA
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Ethy- l Acet- ate	Personal Sampler Model:	01	14	14	150 ppm (TLV)	SOP No WI/AA/14-				
02.	Ground Floor	Aceto	PEM-PAS I(L) Sr. No.:	01	8.0	8.0	250 ppm (TLV)	Ref: 1S- 5182 P-11:2006	1	-		8
03.		Meth anol	1013	01	19	19	200 ppm (TLV)	F-11;2000				
01.		Ethy- 1 Acet- ate	Personal Sampler	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182			(N)	NIKUNJ
02.	First Floor	Aceto ne	Model: PEM-PAS 1 Sr. No.:	01	11	11	250 ppm (TLV)		4	-	M	VAGHASIYA
03.		Meth anol	3414	01	6.0	6.0	200 ppm (TLV)	P-11:2006				
01.		Ethy- 1 Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006				
02.	Second Floor	Aceto	Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)		3	***		
03.		Meth anol	EN-BS-01	01	NT	NT	200 ppm (TLV)					

Note: N.T. - Not Traceable.

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# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@eupro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials 

 by-products: 

and finished products: MES-II involving in the process.

3. Particulars of sampling: Block-5,

Date: 20 / 10 / 22

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

ISSUE DATE	31 / 10 / 22	_
REF. NO.	EP/AILCS/1022/WP06	_

		1160.0000719		C	Airborne ontamination		TWA concen-		Number of workers		Signatu re	
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulatio- n Section 5.48)	Reference method	exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
i e	2	3	4	5	6	7	8	9	10	11	12	13
01.	2	Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No				
02.	First	Amm	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	5			
03.	Floor	Tolue ne	DTH-2018	01	13.6	13.6	20 ppm (TLV)	5182 P-11:2006				
04.		Meth		01	12	12	200 ppm (TLV)				4	
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No				
02.	Second	Amm	Handy Sampler Sr. No.:	01	7.6	7.6	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	3	5000	Sold Sold Sold Sold Sold Sold Sold Sold	PRASHAN PATEL
03.	Floor	Tolue ne	0911	01	NT	NT	20 ppm (TLV)	5182 P-11:2006				
04.		Meth		01	14	14	200 ppm (TLV)				10	
01.		Aceto nitril e	6	01	NT	NT	20 ppm (TLV)	SOP No				
02.	Third	Amm	Handy Sampler	01	6.1	6.1	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	4	***		
03.	Floor	Toluc	C- No. 74	01	NT	NT	20 ppm (TLV)	5182 P-11:2006				
04.		Meth		01	NT	NT	200 ppm (TLV)				1	D 4 F

Note: NT- Not Traceable

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

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# **Environmental Testing Laboratory**

Laberatory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@capro.co.lu

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

I. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

3. Particulars of sampling: Pilot Plant,

Date: 20 / 10 / 22

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

ISSUE DATE	31 / 10 / 22	
REF. NO.	EP/AILCS/1022/WP07	

		2294 001		Co	Airborne intamination		TWA concen-		Number of workers		Signatur	177
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation section 5.48)		exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	-	Aceto nitril e	Personal	01	NT	NT	20 ppm (TLV)	SOP No				
02.	First	Tolue ne	Sampler Model: PEM-PAS	01	5.0	5.0	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	3	_		
03.	Floor	Meth anol	1(L) Sr. No.:	01	30	30	200 ppm (TLV)	5182 P-11:2006	5.5			
04.		Chlor ofor m	1013	01	NT	NT	2 ppm (TLV)					
01.		Aceto nitril		01	NT	NT	20 ppm (TLV)					
02.	Second	Tolue ne	Personal Sampler Model:	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01	4		8	PRASHANT PATEL
03.	Floor	Meth anol	PEM-PAS 1 Sr. No.: 3414	01	10	10	200 ppm (TLV)	Ref: IS- 5182 P-11:2006			Della Pr. R. A.	PATEL
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)					
01.		Aceto nitril		01	NT	NT	20 ppm (TLV)					
02.	Third	Tolue ne	Benzene Sampler	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01				
03.	Floor	Meth	Sr. No.: 141- DTH-2018	01	NT	NT	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	5.	_		
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)					

Note: NT- Not Traceable

ETL222302.

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

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# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Pulsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: jab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -Phosphoric Acid, Bromine, HCL, Ammonia by-products: - and finished products: -

3. Particulars of sampling: - Date: 20 / 10 / 22 Sampling Duration: 8 hrs. (05:20 PM to 01:20 AM)

ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP08

					Airborne ntamination	1	TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NT	NT	I mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11;2006	3			
02.	Bromine Storage Area	Bro mine	Handy Sampler Sr. No.: 0911	01	0.062	0.062	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	팔	-	(A)	NIKUNJ
03.	Near HCl Tank	HCI	Handy Sampler Sr. No.: 0411	01	1.1	1.1	5 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	4	( <del></del> )	JIP.	VAGHASIYA
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	7.7	7.7	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	-		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

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\*IQC-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR

\*ISO 9001 : 2015 \*150 45001 : 2018 \*150 45001 : 2018

ETL222302 -

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials <u>by-products</u>: Bromine,MTBE,Toluene,Methanol,Acetone,Ethyl Acetate\_ and finished products: <u>FL-II</u> involving in the process.

3. Particulars of sampling: Block-6

Date: 21 / 16 / 22

Sampling Duration: 8 hrs.(09:00 AM to 05:00 PM)

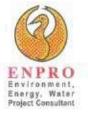
ISSUE DATE	31 / 10 / 22
REF. NO.	EP/AILCS/1022/WP09

				Co	Airborne ontamination		TWA concen-		Number of workers		Signatur	
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulatio- n Section 5.48)	Reference method	exposed at the location being monitore d	Remar ks	e of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Brom ine		01	0.024	0.024	0.1 ppm (TLV)					
02.	First ne		Personal	01	NT	NT	50 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006				
03.		Tolue ne	Sampler Model: PEM-PAS	01	NT	NT	20 ppm (TLV)		****			
04		Meth	1(L) Sr. No.:	-01	NT	NT	200 ppm (TLV)				Parelpa	-
05.		Aceto	1013	01	NT	NT	250 ppm (TLV)					
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)					PRASHANT PATEL
01.		Brom ine		01	0.017	0.017	0.1 ppm (TLV)					15551110111
02.		MTB E	Personal	01	NT	NT	50 ppm (TLV)	SOP No			50	
03.	Second	Tolue ne	Sampler Model:	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	2			
04.	Floor	Meth	PEM-PAS 1 Sr. No.: 3414	01	NT	NT	200 ppm (TLV)	5182 P-11:2006				
05.		Aceto	3414	01	NT	NT	250 ppm (TLV)		D		and Engine	
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)	50 ppm				

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

**Authorized Signatory** 



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujurat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: FL-II involving in the process.

3. Particulars of sampling: Block-6

Date: 21 / 10 / 22

Sampling Duration: 8 hrs. . (09:00 AM to 05:00 PM)

ISSUE DATE	31 / 10 / 22	
REF. NO.	EP/AILCS/1022/WP10	

				Co	Airborne ontamination		TWA concen-	Reference method	Number of workers exposed at the location being monitore d		Signatur	23
Sr. No.	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulatio- n Section 5.48)			Remar ks	e of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.	2	Brom ine	Benzene Sampler Sr. No.: 141-	01	NT	NT	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS-			P. A.	
02.		MTB E		01	NT	NT	50 ppm (TLV)		3			
03.	Third	Tolue ne		01	NT	NT	20 ppm (TLV)			3115		PRASHANT PATEL
04.	Floor	Meth	DTH-2018	01	NT	NT	200 ppm (TLV)	5182 P-11:2006			Cold	
05.		Aceto	Aceto 01 NT NT 250 ppm									
06.			NT	150 ppm (TLV)								

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

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ETL222302

# Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

06/12/22

EP/AILCS/1122/WP01

2. Raw materials -- Acetone, Methanol, by-products: -- and finished products: ZN- VII involving in the process.

 Particulars of sampling: Block-3 (FDP-II & FDP III), Date: 24 / 11 / 22 Sampling Duration: 8 Hrs.(09:05 AM to 05:05 PM)

REF. NO.

ISSUE DATE

		VEHEN 7/61		Co	Airborne entamination	n	TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet one	Benzene Sampler Sr. No.:	01	60	60	250 ppm (TLV)	SOP No WI/AA/14- 01	1		0	NIKUNJ
02.	Floor	Meth anol	141-DTH- 2018	01	30	30	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	*		46	VAGHASIYA
01.		Acet	Sampler Sr. No.:	01	39	39	250 ppm (TLV)	SOP No WI/AA/14- 01				
02.	First Floor	Meth anol		01	10	10	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	5	3 <del>411</del> 5	(A)	NIKUNJ VAGHASIVA
01.	Second	Acet		01	13	13	250 ppm (TLV)					
02.	Second Floor (Near	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-		83	(1)	
03.		thion yl Chlo ride	Sampler Sr. No.: 0911	01	N.T	N.T	I ppm (TLV)	WI/AA/14 81 Ref: IS- 5182 P-11:2006	3		qu-	NIKUNJ VAGHASIYA

Note: N.T.-Not Traceable

ETL222302

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C-1.000 Authorized Signatory

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

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



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

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

3. Particulars of sampling: Block -2,

Date: 24 / 11 / 22

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

ISSUE DATE	06 / 12 / 22
REF. NO.	EP/AILCS/1122/WP02

				55000	Airborne ntamination	1	TWA concen-		Number of		Signatu	Name (in block Letter)
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking samples	
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Meth -anol	-anol	Handy	01	20	20	200 ppm (TLV)	SOP No WI/AA/14-			400	
02.	Ground Floor	Ethy -I Acet- ate	Sampler Sr. No.: 74	01	7.0	7.0	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	1	HMM	Bright U.	PRASHANT PATEL
01.		Meth -anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-				
02.	First Floor	Samples	01	N.T.	N.T.	150 ppm (TLV)		3	W 0.00	Qual P	PRASHANT PATEL	

Note: N.T.-Not Traceable

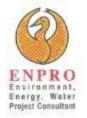
ENPRO Enviro Tech and Engineers Pvt. Lt

Authorized Signatory

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

10924

ETL222302



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 236. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- Raw materials <u>Methanol, Ethyl Acetate & Acetone</u>, by-products: <u>--</u> and finished products: <u>Solvent Distillation</u> involving the process.
- 3. Particulars of sampling: SRP Plant , Date: 24 / 11 / 22 Sampling Duration: 8 hrs.(05:20 PM to 01:20 AM)

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP03	

		Ident		Co	Airborne ntamination	n	TWA concen-		Number of		Signat	Name (in block Letter)
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample	
1	2	3	4	5	6	7	8	9	10	1.1	12	13
01.	Ground Floor N	Ethy -l Acet- ate Handy	Handy	01	75	75	150 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006			6	NIKUNJ VAGHASIYA
02.		Meth -anol	Sampler Sr. No.: 74	01	53	53	200 ppm (TLV)		1	(****)	All	
03.		Acet- one		01	33	33	250 ppm (TLV)					
		Ethy										
01.	First Floor	-l Acet- ate	Handy	01	23	23	10 P P P P P P P P P P P P P P P P P P P	SOP No WI/AA/14-				
02.		Meth -anol	Sampler Sr. No.: 0911	01	11	11	200 ppm (TLV)	01 Ref: IS- 5182	3	1225	(1)	NIKUNJ VAGHASIYA
03.		A	Acet- one		01	8.0	8.0	250 ppm (TLV)	P-11:2006			

ENPRO Enviro Tech and Engineers Pvt. Ltd

Authorized Signatory



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: hb@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Acetone & Methanol, by-products: - and finished products: ZN V & Zn VII involving in the process.

Particulars of sampling: Block-4, Date: 24/11/22 Sampling Duration: 8 hrs. . (05:20 PM to 01:20 AM)

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP04	

				Co	Airborne ntaminatio	n	TWA concen-		Number of		Signat	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	ore of person taking sample	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet- one	Personal Sampler Model:	01	37	37	250 ppm (TLV)	SOP No WI/AA/14- 01	3			
02.	Floor	Meth -anol	PEM-PAS 1 Sr. No.: 3414	01	40	40	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	3			
01.	E261900 1	Acet- one	Personal Sampler Model:	01	17	17	250 ppm (TLV)	SOP No WI/AA/14-				
02.	First Floor	Meth -anol	PEM-PAS I(L) Sr. No.: 1013	01	N.T.	N.T.	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	4	1000		
01.	Second	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01			CARLE STATE	PRASHANT PATEL
02.	Floor	Meth -anol	Sr. No.: 141-DTH- 2018	01	N.T.	N,T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	31			
01.	Third	Acet- one	Benzene Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	12			
02.	Floor	Meth -anol	140-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	2	ence."		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

ETL222302.

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 236. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: MEE Plant,

Date: 25 / 11 / 22 Sampling Duration: 8 hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP05	

		Identi		C	Airborne ontamination		TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mins nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Ethy-   Acet- ate	Personal Sampler Model:	01	11	11	150 ppm (TLV)	SOP No WI/AA/14-	7201		017:	135
02.	Ground Floor	Aceto ne	PEM-PAS 1(L) Sr. No.:	01	13	13	250 ppm (TLV)	01 Ref: IS- 5182	4	1500		
03.		Meth anol	1013	01	12	12	200 ppm (TLV)	P-11:2006				
01.		Ethy- I Acet- ate	Personal Sampler	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-				
02.	First Floor	Aceto ne	Model: PEM-PAS 1 Sr. No.:	01	9.0	9.0	250 ppm (TLV)	01 Ref: 1S- 5182	100	-	£	PRASHANT PATEL
03.		Meth anol	3414	10	8.0	8.0	200 ppm (TLV)	P-11:2006			STATE OF THE STATE	
01.	S	Ethy- 1 Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-		<del>221</del>		
02.	Second Floor	Aceto ne	Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	250 ppm (TLV)	01 Ref: IS- 5182	4			
63.		Meth anol	E11-D3-01	01	NT	NT	200 ppm (TLV)	P-11:2006				

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

10927



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: and finished products: MES-II involving in the process.

3. Particulars of sampling: Block-5,

Date: 25 / 11 / 22

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

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP06	

		Identi		c	Airborne ontamination	ı	TWA concen-		Number of		Signatu				
Sr. No	Location/ Operation Mentioned	eration conta	Operation conta Acutioned mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)		
1	2	3	4	5	6	7	8	9	10	11	12	13			
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No							
02.	First Floor	Amm onia	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	W1/AA/14- 01 Ref: IS- 5182 P-11:2006	Ē	1999		ń			
03.		Tolue ne	DTH-2018	01	10.4	10.4	20 ppm (TLV)		5182						
04.		Meth anol		01	16	16	200 ppm (TLV)	SOP No WI/AA/14- 01							
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)								
02.	Second Floor	Amm onia	Handy Sampler Sr. No.:	01	9.1	9.1	25 ppm (TLV)		2			NIKUNJ			
03.		Tolue ne	0911	01	NT	NT	20 ppm (TLV)	Ref: IS- 5182 P-11:2006	57-5	1555		VAGHASIYA			
04.		Meth anol		01	12	12	200 ppm (TLV)								
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)								
02.	Third Floor	Amm onia	Handy Sampler	01	2.9	2.9	25 ppm (TLV)	SOP No WI/AA/14- 01							
03.	THOO	Tolue ne	Sr. No.: 74	01	NT	NT	20 ppm (TLV)	Ref: IS- 5182 P-11:2006	6	****					
94.		Meth anol		01	NT	NT	200 ppm	MANUSCONS PARK							

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

ETL222302



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: Pilot Plant,

Date: 25 / 11 / 22

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

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP07	

							REF. NO.		EP/AILCS/	1122/WP	07	
		Identi		C	Airborne ontamination		TWA concen-		Number		Signatur	
Sr. No	No Operation conta Mentioned mina nt	peration/ fied peration conta entioned mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1:	2	3	4	5	6	7	8	9	10	11	12	13
θ1.		Aceto nitril e	Personal	01	NT	NT	20 ppm (TLV)					
02.	First Floor	Tolue ne	Sampler Model: PEM-PAS	01	8.0	8.0	20 ppm (TLV)	SOP No WI/AA/14- 01	5			
03.	F100C	Meth anol	1(L) Sr. No.: 1013	01	34	34	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	.5	and a		
04.		Chlor ofor m	1015	01	NT	NT	2 ppm (TLV)	11111000				
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)					
02.	Second	Tolue ne	Personal Sampler Model:	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01	9		(N)_	
03.	Floor	Meth anol	PEM-PAS 1 Sr. No.; 3414	01	14	14	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006		222	4.10	NIKUNI VAGHASIYA
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)	1114000				
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)					
02,	Third	Tolue ne	Benzene Sampler	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/I4-				
03.	Floor	Third Floor Meth Si	Sr. No.: 141- DTH-2018	01	NT	NT	200 ppm (TLV)	01 Ref: IS- 5182	4	( <del></del> )		
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)	P-11:2006				

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

# ENPRO Environment, Energy, Wator Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 236, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials -Phosphoric Acid, Bromine, HCL, Ammonia by-products: = and finished products: =
- 3. Particulars of sampling: Date: 25 / 11 / 22 Sampling Duration: 8 hrs. (05:10 PM to 01:10 AM)

ISSUE DATE	06 / 12 / 22	
REF. NO.	EP/AILCS/1122/WP08	

		Table		10.00	Airborne ntaminatio	n	TWA concen-		Number of		Signatu				
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)			
1	2	3	4	5	6	7	8	9	10	11	12	13			
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NE	NT	I mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	I			110		100	31102
02.	Bromine Storage Area	Bro mine	Handy Sampler Sr. No.: 0911	01	0.059	0.059	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	, <u>a</u>	Jan Jan Jan Jan Jan Jan Jan Jan Jan Jan	8				
03.	Near HCl Tank	HCI	Handy Sampler Sr. No.; 0411	01	1.5	1.5	5 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	3		Shap.	O'NO.	O'NOR'	ONO!	PRASHANT PATEL
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	5.9	5,9	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	3	-					

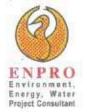
Note: N.T.-Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

ETL222302



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials <u>\_</u> by-products: **Bromine,MTBE,Toluene,Methanol,Acetone,Ethyl Acetate\_** and finished products: <u>FL-II</u> involving in process.

3. Particulars of sampling: Block-6

Date:26 / 11 / 22

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

ISSUE DATE	06/12/22	
REF. NO.	EP/AILCS/1122/WP09	

		Identi		C	Airborne ontamination	a	TWA concen-		Number of		Signatur	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur c of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	П	12	13
01.		Brom ine		01	0.027	0.027	0.1 ppm (TLV)					
92.		MTB E	Personal Sampler	01	NT	NT	50 ppm (TLV)	SOP No				
03.	First Floor	Tolue ne	Model: PEM-PAS	01	NT	NT.	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	3	-		
04.		Meth anol	1(L) Sr. No.: 1013	01	NT	NT	200 ppm (TLV)	5182 P-11:2006				
05.	ı	Aceto	1013	10	NT	NT	250 ppm (TLV)					
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)				6	NIKUNJ
01.		Brom ine		01	0.013	0.013	0.1 ppm (TLV)				00	VAGHASIYA
92.		MTB E	Personal	01	NT	NT	50 ppm (TLV)	SOP No				
03.	Second Floor	Tolue ne	Sampler Model: PEM-PAS 1	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01				
04.	A Pont	Meth anol	Sr. No.: 3414	10	NT	NT	200 ppm (TLV)	Ref: IS- 5182	4	***		
05.	1	Aceto ne	1 State	01	NT	NT	250 ppm (TLV)	P-11:2006				
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

10931



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: FL-II involving in process.

3. Particulars of sampling:Block-6

Date: 26 / 11 / 22

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

ISSUE DATE	06/12/22	
REF. NO.	EP/AILCS/1122/WP10	

		Identi		C	Airborne ontamination	lour -	TWA concen-		Number of		Signatur	
Sr. No.	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Brom ine		D1	NT	NT	0.1 ppm (TLV)					
02.		MTB E		01	NT	NT	50 ppm (TLV)	SOP No				
03.	Third Tolue ne		01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	2		.8	PRASHANT PATEL	
04.	3-0,000		DTH-2018	01	NT	NT	200 ppm (TLV)	5182 P-11:2006		1000	CHONE	PATEL
05.		Aceto ne		01	NT	NT	250 ppm (TLV)	1 7 1 7 2 0 0 0			h.	
06.	Train a		01	NT	NT	150 ppm (TLV)						

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

C-A-Ayol Authorized Signatory

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

ETL222302

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



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- Acetone, Methanol, by-products: - and finished products: ZN-VII involving in the process.

 Particulars of sampling: Block-3 (FDP-II & FDP III), Date: 14/12/22 Sampling Duration: 8 Hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	24/12/22					
REF. NO.	EP/AILCS/1222/WP01					

	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Airborne Contamination			TWA concen-		Number		79220 177	
Sr. No				Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	Signatu re of person taking samples	Name (in block Letter)
T	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor Meth	200000000	Benzene Sampler Sr. No.:	01	55	55	250 ppm (TLV)	SOP No WI/AA/14- 01	SOP No WI/AA/14- 01 Ref: IS- 5182		ParelPA	PRASHANT PATEL
02.		1000000	141-DTH- 2018	01	20	20	200 ppm (TLV)					
West 1		Acet										
01.		one	Sampler Sampler	01	30	30	250 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	1785		Brale. D	PRASHANT PATEL
02.	First Floor	First Floor Meth anol	140-DTH	01	14	14	200 ppm (TLV)		1	-		
25.		Acet				-	000000					
01.	Second	one		01	5.0	5.0	250 ppm (TLV)					
02.	Second Floor (Near Pthionile Chloride Addition Area)	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No				
03.		thion yl Chlo ride	Sampler Sr. No.: 0911	01	N.T	N.T	l ppm (TLV)	WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	0	Brok Br	PRASHANT PATEL

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



# **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials -- Ethyl Acetate, Methanol, by-products: and finished products: FL-II HCl & SAF-I involving in
- 3. Particulars of sampling: Block -2, Date: 14/12/22

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

ISSUE DATE	24/12/22	
REF. NO.	EP/AILCS/1222/WP02	

	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Airborne Contamination			TWA concen-		Number of				
Sr. No				Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)	
I	2	3	4	5	6	7	8	9	10	11	12	13	
01.	Crownd	Meth -anol	-anol		01	15	15	200 ppm (TLV)	SOP No WI/AA/14-	10.92	80818	-59	
02.	Ground Floor	Ethy -l Acet- ate	hy Sampler I Sr. No.: 74 et-	01	13	13	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	4.	100000	(V)	NIKUNJ VAGHASIYA	
3 9				111111111111111111111111111111111111111			55-12-97				-25 Aug.		
01.		Acet- ate	CALIFORNIA CONTROL OF THE CONTROL OF	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-		X		- w	
02.	-l Acet-		01	N.T.	N.T.	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	1	=	02	NIKUNJ VAGRASIYA		

Note: N.T.-Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd

Authorized Signatory



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, TNDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

24/12/22

2. Raw materials - Methanol, Ethyl Acetate & Acetone, by-products: - and finished products: Solvent Distillation involving the process.

ISSUE DATE

DEE NO

3. Particulars of sampling: SRP Plant , Date: 14 / 12 / 22 Sampling Duration: 8 hrs.(05:35 PM to 01:35 AM)

						- 1	REF. NO.		EP/AILCS	5/1222/W	/P03	
			1	Co	Airborne ntaminatio	n	TWA concen-		Number		Signat	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5,48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample s	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	. 11	12	13
01.	Ground	Ethy -l Acet- ate	Handy	01	72	72	150 ppm (TLV)	SOP No WI/AA/14-				
02.	Floor	Meth -anol	Sampler Sr. No.: 74	01	47	47	200 ppm (TLV)	01 Ref: IS- 5182	5	55 d t 1	Cataly Di	PRASHANT
03.		Acet- one		01	36	36	250 ppm (TLV)	P-11:2006	SW SUBSECUTION		QX'	
01.		Ethy -l Acet- ate	Handy	01	17	17	150 ppm (TLV)	SOP No WI/AA/14-	THE STATE OF		-02-10-10-10-10-10-10-10-10-10-10-10-10-10-	(e)
02,	First Floor	Meth -anol	Sampler Sr. No.: 0911	01	15	15	200 ppm (TLV)	01 Ref: IS- 5182	1	750	18.00	PRASHANT PATEL

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**Authorized Signatory** 

P-11:2006

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

6.0

250 ppm

(TLV)

ETL222303

03.

Acet-

one

01

6.0



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Acetone & Methanol, by-products: - and finished products: ZN V & Zn VII involving in the process.

3. Particulars of sampling: Block-4, Date: 14/12/22 Sampling Duration: 8 hrs. .(05:35 PM to 01:35 AM)

ISSUE DATE	24/12/22	
REF. NO.	EP/AILCS/1222/WP04	

		Ident		Co	Airborne ntamination	n	TWA concen-		Number of		Signat	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample s	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet- one	Personal Sampler Model:	01	40	40	250 ppm (TLV)	SOP No WI/AA/14- 01		/A1	550	15
02.	Floor	Meth -anol	PEM-PAS 1 Sr. No.: 3414	01	46	46	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	5	-	F-0_1	
01.		Acet- one	Personal Sampler Model:	01	13	13	250 ppm (TLV)	SOP No WI/AA/14-	1.11.7			
02.	First Floor	Meth -anol	PEM-PAS 1(L) Sr. No.: 1013	_01	N.T.	N.T.	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	- 1			
01.	Second	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	Tree ro			NIKUNJ VAGHASIYA
02.	Floor	Meth -anol	Sr. No.: 141-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	3	570	0	
01.	Third	Acet- one	Benzene Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01				
02.	Floor	Meth -anol	140-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	5	-		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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

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## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@empro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: = involving in the process.

3. Particulars of sampling: MEE Plant,

Date: 15 / 12 / 22 Sampling Duration: 8 hrs.(09:15 AM to 05:15 PM)

ISSUE DATE	24/12/22	
REF. NO.	EP/AILCS/1222/WP05	

		Identi		c	Airborne ontamination		TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation Description (As per OHS Regulation (As per (As per (A)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	- 6	7	8	9	10	- 11	12	13
01.	Ground	Ethy- 1 Acet- ate	Personal Sampler Model:	01	9.0	9.0	150 ppm (TLV)	SOP No WI/AA/14-		A self	K (65) (e	13
02.	Floor	Aceto ne	PEM-PAS 1(L) Sr. No.:	01	10	10	250 ppm (TLV)	01 Ref: IS- 5182	2	***		
03.		Meth anol	1013	01	15	15	200 ppm (TLV)	P-11:2006				
01.		Ethy- l Acet- ate	Personal Sampler	01	N.T.	N.T.	150 ppra (TLV)	SOP No WI/AA/14-	MIES ICHE LUS	38 8877	0	
02.	First Floor	Aceto	Model: PEM-PAS 1 Sr. No.:	01	13	13	250 ppm (TLV)	01 Ref: 1S- 5182	3/		ML.	NIKUNJ VAGHASIYA
03.		Meth anol	3414	01	10	10	200 ppm (TLV)	P-11:2006				
01.		Ethy- 1 Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-			×	
02.	Second Floor	Aceto	Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	250 ppm (TLV)	01 Ref: IS- 5182	1	=		
03.		Meth anol	EAT-DO-01	01	NT	NT	200 ppm (TLV)	P-11:2006				

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

**Authorized Signatory** 



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: MES-II involving in the process.

3. Particulars of sampling: Block-5,

Date: 15 / 12 / 22

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

ISSUE DATE	24 / 12 / 22
REF. NO.	EP/AILCS/1222/WP06

		Identi		C	Airborne ontamination	į.	TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation B Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No	organ man			
02.	First Floor	Amm onia	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	3			
03.		Tolue ne	DTH-2018	10	7.3	7.3	20 ppm (TLV)	5182 P-11:2006	1 2			
04.		Meth anol	<u> </u>	01	10	10	200 ppm (TLV)		in taken		-	
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	U constraint	-0.11-	((things		
02.	Second Floor	Amm onia	Handy Sampler Sr. No.:	01	11.5	11.5	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS-	i i			PRASHANT
03.		Tolue ne	0911	01	NT	NT	20 ppm (TLV)	5182 P-11:2006			O'Aloro	PATEL
04.		Meth anol		01	16	16	200 ppm (TLV)	-Y216 - 11			070	
01.		Aceto nitril c		01	NT	NT	20 ppm (TLV)				6	
02.	Third	Amm onia	Handy Sampler	01	4.5	4.5	25 ppm (TLV)	SOP No WI/AA/14- 01	3			
03.	Floor	Tolue ne	Sr. No.: 74	01	NT	NT	20 ppm (TLV)	Ref: IS- 5182 P-11:2006	3			
04.	NT N T	Meth anol		01	NT	NT	200 ppm (TLV)	557 FE 1961			İ	

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: hh@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: Pilot Plant,

Date: 15/12/22

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

ISSUE DATE	24/12/22	
REF. NO.	EP/AILCS/1222/WP07	

						I.	REF. NO.		EP/AILCS/	1222/WP	07	
		Ī		С	Airborne ontamination		TWA concen-		Number		61	
Sr. No	Location/ Operation Mentioned	Identi fied conta mina at	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur e of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Aceto nitril	Personal	01	NT	NT	20 ppm (TLV)		070.43			
02.	First Floor	Tolue ne	Sampler Model: PEM-PAS	01	11	11	20 ppm (TLV)	SOP No WI/AA/14- 01		121		
03.	Fluor	Meth anol	1(L) Sr. No.; 1013	01	25	25	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	2	- Since		
04.		Chlor ofor m	LUIS	01	NT	NT	2 ppm (TLV)	1 1112000			1(-1-	
01.		Aceto nitril e	OU	01	NT	NT.	20 ppm (TLV)		William Second		Economics Economics	25(6) 2.070
02.	Second	Tolue ne	Personal Sampler Model:	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01	160		(	0.0000000000000000000000000000000000000
03.	Floor	Meth anol	PEM-PAS 1 Sr. No.: 3414	01	17	17	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	3		Part Co. A.	PRASHANT PATEL
94.		Chlor ofor m		01	NT	NT	2 ppm (TLV)				20	
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	100				
02.	Third	Tolue ne	Benzene Sampler	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01				
03.	Floor	Meth anol	Sr. No.: 141- DTH-2018	01	NT	NT	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	1	#	-	
04.		Chlor ofor m	###8# T	01	NT	NT	2 ppm (TLV)	F-11:2006				

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -Phosphorie Acid, Bromine, HCL, Ammonia by-products: = and finished products: =

3. Particulars of sampling: - Date: 15 / 12 / 22 Sampling Duration: 8 hrs. (05:15 PM to 01:15 AM)

ISSUE DATE	24 / 12 / 22	
REF. NO.	EP/AILCS/1222/WP08	

		Ideas		Co	Airborne ntaminatio	n	TWA concen-		Number of		01	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	Signatu re of person taking samples	Name (in block Letter)
	2	3	4	5	6	7	. 8	9	10	11	12	13
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	*		
02.	Bromine Storage Area	Bro mine	Handy Sampter Sr. No.: 0911	01	0.051	0.051	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	100000 100000 100000	in the second	(A)	NIKUNJ
03.	Near HCl Tank	нсі	Handy Sampler Sr. No.: 0411	01	1.0	1.0	5 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	1,-10,- 11,-10,-11,-11,-11,-11,-11,-11,-11,-11,-		The second second	VAGHASIYA
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	4.7	4.7	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	-		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials <u>-</u> by-products: **Bromine,MTBE,Toluene,Methanol,Acetone,Ethyl Acetate\_** and finished products: <u>FL-II</u> involving in process.

3. Particulars of sampling: Block-6

Date: 16 / 12 / 22

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

ISSUE DATE	24/12/22
REF. NO.	EP/AILCS/1222/WP09

		Identi		C	Airborne ontamination	7 -	TWA concen-		Number of		Di-	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	nta instrument nused of (Result) amples (As per OHS mei nused of (Result) amples ppm Regulation (Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur e of person taking samples	Name (in block Letter)				
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Brom ine		01	0.021	0.021	0.1 ppm (TLV)	ART VI	12579	46	Alger	
02.		MTB E	Personal Sampler	01	NT	NT	50 ppm (TLV)	SOP No				
03.	First Floor	Tolue ne	Model: PEM-PAS	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS- 5182 P-11:2006	5	_	-	
04.		Meth anoi	I(L) Sr. No.: 1013	01	NT	NT	200 ppm (TLV)		TYPE COMMO		1000	
05.		Aceto	AC MIT	01	NT	NT	250 ppm (TLV)		(#	0 Hu		
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)		DERAY.		H DANNE	PRASHANT
01.		Brom ine		01	0.019	0.019	0.1 ppm (TLV)		100	1 1	8	PATEL
02.		MTB E	Personal	01	NT	NT	50 ppm (TLV)	SOP No			100 P. S. S. S. S. S. S. S. S. S. S. S. S. S.	
03.	Second Floor	Tolue ne	Sampler Model: PEM-PAS 1	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01	3		4	
04.		Meth anoi	Sr. No.: 3414	01	NT	NT	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	99%	1000		
05.		Aceto ne		01	NT	NT	250 ppm (TLV)	P-11:2006				
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

**Authorized Signatory** 

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



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: FL-II involving in process.

3. Particulars of sampling: Block-6

Date: 16 / 12 / 22

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

ISSUE DATE	24 / 12 / 22	
REF. NO.	EP/AILCS/1222/WP10	

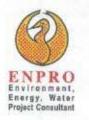
		Identi	-	C	Airborne ontamination		TWA concen-		Number		Signatur	
No. Open	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation II Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Brom ine		01	NT	NT	0.1 ppm (TLV)		1154	e eribeu	u = se	
02.		MTB E		01	NT	NT	50 ppm (TLV)	SOP No	-			
03.	Third Floor	Tolue ne	Benzene Sampler Sr. No.: 141-	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	1		(NI)	NIKUNJ VAGHASIYA
04.		Meth anol	DTH-2018	91	NT	NT	200 ppm (TLV)	5182 P-11:2006	1065		4	YAGHASIYA
05.		Aceto ne	Historian confidence	- 01	NT	NT	250 ppm (TLV)	1-11.2006		3000000	Ši.	
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)		140	20	1	ITWIN

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



#### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gularat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e)

1. Name of the Department / Plant; Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials — <u>Acetone</u>, <u>Methanol</u>, by-products: <u>—</u> and finished products: <u>ZN-VII</u> involving in the process.

 Particulars of sampling: Block-3 (FDP-H & FDP III). Date: 16 / 01 / 23 Sampling Duration: 8 Hrs. (09:10 AM to 05:10 PM)

ISSUE DATE	30 / 01 / 23
REE NO	EDIAH CEMMANNA

							REF, NO.		EP/AILCS	/0123/W	P01	
		12950		Ce	Airborne ntamination	1	TWA concen-	111111111111111111111111111111111111111	Number		-	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	Signatu re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
ui.	Ground	Acet one	Benzene Sampler Sr. No.:	01	62	62	250 ppm (TLV)	SOP No WI/AA/14- 01			(A)	NIKI NI
02.	Floor	Meth anol	141-DTH- 2018	01	34	34	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	4		400	YAGRASIYA
01.		Acet one	Benzene Sampler	01	36	36	250 ppm (TLV)	SOP No WI/AA/14-		N/ CTU		A. T.
112.	First Floor	Meth anol	Sr. No.: 140-DTH- 2018	01	19	19	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	3	No.	(fu)	VAGHASIVA
					1142			1112000	- Will 3	3115	CENTRAL DE	
0.057	Second	Acet one		01	8.0	8.0	250 ppm (TLV)	III GARBES	1 31 x			
02.	Floor	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-		A STATE		
03.	Second Floor (Near Pthionile Chloride Addition Area)	thion yl Chlo ride	Sampler Sr. No.: 0911	01	N:F	N.T	I ppm (TLV)	01 Ref: IS- 5182 P-11:2006			AL.	NIKUNJ VAGRASIVA

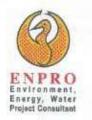
Note: N.T. Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

1000001 Authorized Signatory

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

3205



## **Environmental Testing Laboratory**

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat-394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials Ethyl Acetate, Methanol, by-products: and finished products: FL-II HCl & SAF-I involving in the process.
- 3. Particulars of sampling: Block -2. Date: 16 / 01 / 23 Sampling Duration: 8 Hrs.(09:10 AM to 05:10 PM)

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP02

		R		Co	Airhorne ntamination	1	TWA concen-		Number of		Classics	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
017		Meth -anol	Handy	01	18	18	200 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	C-9, 1984		*	20
02.	Ground Floor	Ethy Sampler -1 Sr. No.: 74 Acetate	Sampler	01	09	09	150 ppm (TLV)		2		Par land	PRASHANT PATEL
				Cell Income Integral		feed and the second	The State of the S			in-out	un was rain years	1000
01.		Meth -anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-	1 100		A	
02.	First Floor	Ethy -l Acet- ate	Sampler Sr. No.: 0911	01	N.T.	N.T.	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	4	<u> </u>	Poly	PRASHANT PATEL

Note: N.T. -Not Traceable

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(1/1000)

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### **Environmental Testing Laboratory**

Laboratory : Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist, - Valsad.

- 2. Raw materials Methanol, Ethyl Acetate & Acetone, by-products: and finished products: Solvent Distillation involving the process.
- 3. Particulars of sampling: SRP Plant. Date: 16 / 01 / 23 Sampling Duration: 8 hrs.(05:10 PM to 01:10 AM)

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP03

				Ce	Airborne ontamination	1	TWA concen-		Number of		Signat	Name (in block Letter)
Sr. No	. Location/ ified Operation con Mentioned ami	Ident ified cont amin ant	ified Sampling cont instrument used ant	Number of samples	Range (Result) ppm	Avera ge ppm	(As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample s	
1	2	3	4	5	6 .	7	8	-9	10	11	12	13
01.	Ground	Ethy -l Acet- ate	Handy	01	65	65	150 ppm (TLV)	SOP No WI/AA/14- 01	100 - Tomas			
02.	Floor	Meth -anol	Sampler Sr. No.: 74	01	51	51	200 ppm (TLV)	Ref: IS- 5182	3		2	VAGHASIVA
03,		Acet- one		01	30	30	250 ppm (TLV)	P-11:2006				
		Ethy				The Minutes	AV THE BA		A N - SAMULE ON		100 1100	
01.		-l Acet- ate	Handy	01	21	21	150 ppm (TLV)	SOP No WI/AA/14-			137	
02.	First Floor	Meth -anol	Sampler Sr. No.: 0911	01	19	19	200 ppm (TLV)	01 Ref: 18- 5182	4	144	12	NIKUNI + NAGHASIYA
03.		Acet- one		01	10	10	250 ppm (TLV)	P-11:2006		1= = 1		

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



### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Acetone & Methanol, by-products: - and finished products: ZN V & Zn VII involving in the process.

3. Particulars of sampling: Block-4, Date: 16 / 01 / 23 Sampling Duration: 8 hrs. .(05:10 PM to 01:10 AM)

ISSUE DATE	30 / 01 / 23					
REF. NO.	EP/AILCS/0123/WP04					

				Co	Airborne ontamination	n	TWA concen-		Number of		Signat	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	rument Number Range Avera (As per Refere	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample	Name (in block Letter)			
16	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet- one	Personal Sampler Model:	01	35	35	250 ppm (TLV)	SOP No WI/AA/14- 01			VV - 1/2	
02.	Floor	Meth -anol	PEM-PAS I Sr. No.: 3414	01	43	43.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006				
01.		Acet- one	Personal Sampler Model:	10	16	16	250 ppm (TLV)	SOP No WI/AA/14-			751 - 1-A	
02.	First Floor	Meth -anol	PEM-PAS I(L) Sr. No.: 1013	01	N.T.	N.T.	200 ppm (TLV)	01 Ref: 18- 5182 P-11:2006	3		*	
01.	Second	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01		San San	Sold	PRASHANT PATEL
02.	Floor	Meth -anol	Sr. No.: 141-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: 18- 5182 P-11:2006	5	-		
01.	Third	Acet- one	Benzene Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	3	de Paring		
02,	Floor	Meth -anol	140-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	3		n ne	

Note: N.T.-Not Traceable

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### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

Particulars of sampling: MEE Plant , Date: 17 / 01 / 23 Sampling Duration: 8 hrs. (09:20 AM to 05:20 PM)

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP05

		Identi		c	Airborne ontamination		TWA concen-	1	Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulatio- u Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Ethy- l Acet- ate	Personal Sampler Model:	91 55 1 19 V.H	13	-13	150 ppm (TLV)	SOP No WI/AA/14-			班 1 報	Mar. He
02.	Floor	Aceto ne	PEM-PAS 1(L) Sr. No.:	01	7.0	7.0	250 ppm (TLV)	01 Ref: 1S- 5182	i.			
03.		Meth anol	1013	10	20	20	260 ppm (TLV)	P-11:2006		CE III	agin es	
er.		Ethy- I Acet- ate	Personal Sampler	10	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-			Ø	
02.	First Floor	Aceto ne	Model: PEM-PAS I Sr. No.:	01	15	15	250 ppm (TLV)	01 Ref: IS- 5182	5	Val WETANS	9	PRASHANT PATEL
03.		Meth anol	3414	01	5.0	5.0	200 ppm (TLV)	P-11:2006		Sigle	00	
01.		Ethy- 1 Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-			1,000 E	
02.	Second Floor	Aceto ne	Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)	01 Ref: 1S- 5182	3		00 =	
63.		Meth anol	EN-BS-01	01	NT	NT	200 ppm (TLV)	P-11:2006			(Barrer)	

Note: N.T. - Not Traceable.

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## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 238. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: MES-H involving in the process.

3. Particulars of sampling: Block-5,

Date: 17 / 01 / 23

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

ISSUE DATE	30 / 01 / 23	20
REF. NO.	EP/AILCS/0123/WP06	

		Identi		c	Airborne ontamination	-	TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
+	2	3	4	5	6	7	8	9	10	11	12	13
01.		Aceto nitril e		01	NT	NT	20 ppm (11,V)	SOP No	60.77			
02.	First Floor	Amm onia	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	2	-	\$6.00° 10°	
03.		Tolue ne	DTH-2018	01	12.7	12.7	20 ppm (TLV)	5182 P-11:2006	20		5-112	
04.		Meth anoi	ELW W	01	13	13	200 ppm (11.V)	N. F.			100	
(11.		Aceto nitrii e		- 01	NT	NT	20 ppm (TLV)	SOP No			er en	
02.	Second Floor	Amm onia	Handy Sampler Sr. No.:	01	6.3	6.3	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	5			NHA NA
03.		Tolue ne	0911	01	NT	NT	20 ppm (TLV)	5182 P-11:2006		. (	N	VAGHASIYA
04.		Meth anol		01	10	10	200 ppm (TLV)					
04.		Aceto nitril e		01	NT	NT	20 ppm (TLV)			Sia, No.	W)W	
02,	Third	Amm onia	Handy Sampler	01	6.5	6.5	25 ppm (TLV)	SOP No WI/AA/14- 01		Ste		
03,	Floor	Tolue ne	Sr. No.; 74	01	NT	NT	20 ppm (TLV)	Ref: 18- 5182 P-11:2006	2			
64.		Meth anol		- \ 01 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NT	NT	- 200 ppm (TLV)	-XLIX				

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: Pilot Plant,

Date: 17 / 01 / 23

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

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP07

		Identi		C	Airborne ontamination		TWA concen-	Why	Number of		Signatur	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result)	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.		Aceto nitril e	Personal	01	NT	NT	20 ppm (TLV)	-375			01, (°SC)	our el elle
02.	First Floor	Tolue ne	Sampler Model: PEM-PAS	01	6.0	6.0	20 ppm (TLV)	SOP No WI/AA/14- 01	A		e III	
03.	F HADE	Merh anol	1(t.) Sr. No.; 1013	01	20	20	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	2/4/11	2500	- 154	
04,		Chlor ofor m	1013	01	NT	NT	2 ppm (TLV)					
01,		Aceto nitril e		01	NT	NT	20 ppm (TLV)	Solited.				
02,	Second	Tolne ne	Personal Sampler Model:	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2		A COLD	NIKINA
63.	Floor	Meth anol	PEM-PAS I Sr. No.: 3414	01	11	11	200 ppm (TLV)					VAGHASIVA
04.		Chlor ofor m		01	NT	NT	2 ppm (ILV)				(A)	
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)			ly si		
02.	Third	Tolue ne	Benzene Sampler	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 81				
03,	Floor	Meth Sr. N	Sr. No.: 141- DTH-2018	- 101	NT	NT ·	200 ppm - (TLV)	Ref: IS- 5182 P-11:2006	.3	7	w Hg	
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

3199



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230; Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@cnpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Phosphoric Acid, Bromine, HCL, Ammonia by-products: = and finished products: =

3. Particulars of sampling: - Date: 17 / 01 / 23 Sampling Duration: 8 hrs. (05:05 PM to 01:05 AM)

ISSUE DATE	30 / 01 / 23
REF. NO.	EP/AILCS/0123/WP08

		Terrory		Co	Airborne intamination	n'	TWA concen-		Number of		Clause	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1.	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: 18- 5182 P-11:2006	112	(	(b.+116.ii	SEKI E
02.	Bromine Storage Area	Bro mine	Handy Sampler Sr. No.: 0911	01	0.064	0.064	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006			A	
03.	Near HCl Tank	HCI	Handy Sampler Sr. No.: 0411	01	1.3	1.3	5 ppm (TLV)	SOP No W1/AA/14 01 Ref: IS- 5182 P-11:2006	2		Pale	PRASHANT PATEL
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	6.8	6.8	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	I	-	no di second	

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (c).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi-396195, Dist. - Valsad.

Raw materials 

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

3. Particulars of sampling: Block-6

Date: 18/01/23

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

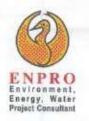
ISSUE DATE	30 / 01 / 23	
REF. NO.	EP/AH.CS/0123/WP09	

		Identi		c	Airborne ontamination		TWA concen-		Number of		Signatur	
Sr. No	Location/ Operation Mentioned	cation/ fied eration conta	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.		Brom inc		01	0.024	0.024	0.1 ppm (TLV)					
02.		MTB E	Personal Sampler	01	NT	NT	50 ppm (TLV)	SOP No		7 7	× 1	SECULIAR SEC
13.	First Floor	Tolue ne	Model: PEM-PAS	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	2		t and the	
14.		Meth anol	I(L) Sr. No.: 1013	01	NT	NT	200 ppm (TLV)	5182 P-11:2006				
15.		Aceto ne	1013	- 01	NT	NT	250 ppm (TLV)	The week				
06.		Ethyl Aceta fe		01	NT	NT	150 ppm (TLV)					NIKUNJ
04.		Brom ine		01	0.015	0.015	0.1 ppm (TLV)			x 9 112	11	VAGHASIYA
12,		MTB E.	Personal	01	NT	NT	50 ppm (TLV)	SOP No			0	_
0.3.	Second Floor	Tolue ne	Sampler Model: PEM-PAS 1	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01	10	222		
04.	1,100	Meth anol	Sr. No.: 3414	01	NT	NT	200 ppm (TLV)	Ref: IS- 5182			N 20	
05.		Aceto ne		91	NT	NT	250 ppm (TLV)	P-11:2006		9 35 1		
06.		Ethyl Aceta te	F 44	- 01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traccable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@engro.co.in

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: <u>FL-II</u> involving in process.

Particulars of sampling; Block-6

Date: 18 / 01 / 23

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

ISSUE DATE	30 / 01 / 23
REF, NO.	EP/AILCS/0123/WP10

		Identi		C	Airborne ontamination		TWA concen-		Number of		Signatur	
Sr. No.	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	c of person taking sumples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.		Brom ine		01	NT	NT	0.1 ppm (TLV)	No.		1		
02,		MTB E		01	NT	NT	50 ppm (TLV)	SOP No		# # W	=1-62	
03.	Third Floor	Tolue ne	Benzene Sampler Sr. No.: 141-	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: 18-	4	-	9	PRASHAN1 PATEL
04.		Meth anol	DTH-2018	01	NT	NT	200 ppm (TLV)	5182 P-11:2006		-V2-2011-2/11	1	CV-PARTY
05,		Aceto		01	NT	NT	250 ppm (TLV)	2218000			Son	
06.		Ethyl Aceta të	ME NO	01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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

# Environment. Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -- Acetone, Methanol, by-products: - and finished products: ZN- VII involving in the process.

3. Particulars of sampling: Block-3 (FDP-II & FDP III), Date: 15 / 02 / 23 Sampling Duration: 8 Hrs.(09:20 AM to 05:20 PM)

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP01

				Co	Airborne ntaminatio		TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	-11	12	13
01.	Ground	Acet one	Benzene Sampler Sr. No.:	01	66	66	250 ppm (TLV)	SOP No WI/AA/14- 01		5-117-2	0	PRASHANT
02.	Floor	Meth anol	141-DTH- 2018	01	23	23	200 ppm (TLV)	Ref: 18- 5182 P-11:2006	¥		ParelP. A	PATEL
01.		Acet one	Benzene Sampler	10	33	33	250 ppm (TLV)	SOP No WI/AA/14-			~	
02.	First Floor	Meth anol	Sr. No.: 140-DTH- 2018	01	11	11	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	2		Perfelt A.	PRASHANT PATEL
01.	Second	Acet		01	11.0	11.0	250 ppm (TLV)					
02.	Floor	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No				
03.	Second Floor (Near Pthionile Chloride Addition Area)	thion yi Chlo ride	Sampler Sr. No.; 9911 Vi Chlo	01	N.T	N.T	l ppm (TLV)	WI/AA/14- 01 Ref: IS- 5182 P-11:2006	4		Portelles	PRASHANT PATEL

Note: N.T. -Not Traceable

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

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

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials -- Ethyl Acetate, Methanol, by-products: = and finished products: FL-II HCl & SAF-I involving in the process.
- 3. Particulars of sampling: Block -2, Date: 15 / 02 / 23 Sampling Duration: 8 Hrs.(09:20 AM to 05:20 PM)

ISSUE DATE	25/02/23
REF. NO.	EP/AILCS/0223/WP02

	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used		Airborne ntamination	1	TWA concen-	. 2	Number of		Signatu	
Sr. No				Number of samples	Range (Result) ppm	Avera ge ppm	(As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re	Name (in block Letter)
1	2	.3	4	5	6	7	8	9	10	11	12	13
01.	100	Meth -anol Handy	Handy	01	22	22	200 ppm (TLV)	SOP No WI/AA/14-				NIKUNJ VAGHASIYA
02.	Ground Floor	Ethy -I Acet- ate	Sampler Sr. No.: 74	01	11	11	150 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	1	7	(1)	
01.		Meth -anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-			$\sim$	
02.	First Floor	Ethy -l Acet- ate	Sampler Sr. No.: 0911	01	N.T.	N.T.	150 ppm (TLV)	01 Ref: IS- 5182	2	120	M	NIKUNJ VAGHASIYA

Note: N.T. -Not Traceable

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# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials Methanol, Ethyl Acetate & Acetone, by-products: and finished products: Solvent Distillation involving in the process.
- 3. Particulars of sampling: SRP Plant, Date: 15 / 02 / 23 Sampling Duration: 8 hrs.(05:25 PM to 01:25 AM)

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP03

		44		Co	Airborne ontaminatio	n	TWA concen-		Number		Signat		
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	(As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	ure of person taking sample s	Name (in block Letter)	
1	2	3	4	5	6	7	8	9	10	11	12	13	
01.	Ground	Ground Floor Meth -anol Sr. No.: 74	Acet- ate Handy		01	70	70	150 ppm (TLV)	SOP No WI/AA/14- 01				
02.	110000000000000000000000000000000000000		01	43	43	200 ppm (TLV)	Ref: IS- 5182	4	***	Estel P. P.	PRASHANT PATEL		
03.		Acet- one		01	38	38	250 ppm (TLV)	P-11:2006			fa		
		Deba.							200		11		
01.		Ethy -l Acet- .ate	Handy	01	19	19	150 ppm (TLV)	SOP No WI/AA/14-					
02.	First Floor	Meth -anol	Sampler Sr. No.: 0911	01	13	13	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	2	22	bayerby	PRASHANT PATEL	
03.		Acet- one		01	07	07	250 ppm (TLV)				Ko		

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## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Acetone & Methanol, by-products: - and finished products: ZN V & Zn VII involving in the process.

Particulars of sampling: Block-4, Date: 15 / 02 / 23 Sampling Duration: 8 hrs. .( 05:25 PM to 01:25 AM)

ISSUE DATE	25/02/23	
REF. NO.	EP/AILCS/0223/WP04	

		Ident		Co	Airborne ntamination	n	TWA concen-		Number of		Signat	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample s	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground Floor	Acet- one	Personal Sampler Model: PEM-PAS 1	01	43	43	250 ppm (TLV)	SOP No,- WI/AA/14- 01				13
02.	1001	Meth -anol	Sr. No.: 3414	01	48	48	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	4	i i i i i i i i i i i i i i i i i i i		
01.	Acet- one	one Sampler		01	11	11	250 ppm (TLV)	SOP No WI/AA/14-				
02.	First Floor	Meth -anol	th PEM-PAS	01	N.T.	N.T.	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	2	-	la.	
01.	Second	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14-			Dr	NIKUNJ VAGHASIVA
02.	Floor	Meth -anol	Sr. No.: 141-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	2	1000		
01.	Third	Acet- one	Benzene Sampler Sr. No.:	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	771			
02.	Floor	Meth -anol	140-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	1			

Note: N.T.-Not Traceable

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C. Q. Ocou. Authorized Signatory

# ENPRO Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: MEE Plant,

Date: 16 / 02 / 23 Sampling Duration: 8 hrs.(09:05 AM to 05:05 PM)

ISSUE DATE	25/02/23	
REF. NO.	EP/AILCS/0223/WP05	

		Identi		c	Airborne ontamination		TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation Section 5.48)	Reference method	workers exposed at the location being monitore	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Ethy- l Acet- ate	Personal Sampler Model:	01	7.0	7.0	150 ppm (TLV)	SOP No,- WI/AA/14-				13
02.	Floor	Floor Aceto	PEM-PAS 1(L) Sr. No.;	01	12	12	250 ppm (TLV)	01 Ref: IS- 5182	3	( <del>****</del>		
03.	1000	Meth anol	1013	01	17	17	200 ppm (TLV)	P-11:2006				
01.		Ethy- l Acet- ate	Personal Sampler	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-			0	
02.	First Floor	Aceto PEN	ne Sr. No.:	01	10	10	250 ppm (TLV)	01 Ref: IS- 5182	2	1.000	TA	NIKUNJ VAGHASIYA
03.		Meth anol	3414	01	13	13	200 ppm (TLV)	P-11:2006				
01.	2000	Ethy- I Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-				
02.	Second Floor Re	100000000000000000000000000000000000000	Sampler Sr. No.: EN-BS-01	01	N.T.	N.T.	250 ppm (TLV)	01 Ref: IS- 5182	2	1000		
03.		Meth anol	EN-105-01	01	NT	NT	200 ppm (TLV)	P-11:2006				

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: = and finished products: MES-H involving in the process.

3. Particulars of sampling: Block-5,

Date: 16 / 02 / 23

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

ISSUE DATE	25 / 02 / 23	
REF. NO.	EP/AILCS/0223/WP06	

		Identi		C	Airborne ontamination		TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	ration conta tioned mina nt	conta instrument mina used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01,		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No				
02.	First Floor	Anım onia	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	1			
03.	ne	1,000	DTH-2018	01	9.6	9.6	20 ppm (TLV)					
04.		Meth anol		01	17	17	200 ppm (TLV)					
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006				B
02.	Second Floor	Amm onia	nia Sampler Sr. No.: due 0911	01	8.8	8.8	25 ppm (TLV)		3	, <del>,,,,</del> ,	Ø,	PRASHANT
03.		Toluc ne		01	NT	NT	20 ppm (TLV)		40		Edgl. R.	PATEL
04.		Meth anol		01	13	13	200 ppm (TLV)				60	
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)			2		
02.	Third onia Floor	Amm onia	Handy Sampler	01	3.1	3.1	25 ppm (TLV)	SOP No WI/AA/I4- 01	**	20000		
03.		Toluc ne	Sr. No.: 74	01	NT	NT	20 ppm (TLV)	Ref: IS- 5182 P-11:2006	1			
04.	BUTTER BY A 194	Meth anol		01	NT	NT	200 ppm (TLV)	1000				

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

# Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

Lab Ph.: +91-95128 74754 E-mail: lab@enpro.co.in FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials  $\pm$  by-products:  $\pm$  and finished products:  $\pm$  involving in the process.

3. Particulars of sampling: Pilot Plant,

Date: 16 / 02 / 23

Sampling Duration: 8 hrs.(05:25 PM to 01:25 AM)

ISSUE DATE	25 / 02 / 23	
REF. NO.	EP/AILCS/0223/WP07	

		Identi		С	Airborne ontamination		TWA concen-		Number of		eu.		
Sr. No	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur e of person taking samples	Name (in block Letter)	
1	2	3	4	5	6	7	8	9	10	11	12	13	
01.		Aceto nitril e	Personal	01	NT	NT	20 ppm (TLV)				- 17	13	
02.	First ne Floor Meth	Sampler Model: PEM-PAS	01	9.0	9.0	20 ppm (TLV)	SOP No WI/AA/14- 91	, ,					
03.	71001	Meth anol Chlor ofor m	1(L) Sr. No.: 1013	10	35	35	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	1 8	1000			
04.			1013	01	NT	NT	2 ppm (TLV)	1-11.2000	-				
01.		Aceto nitril c		01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01					
02.	Second	Floor Meth PEM-PAS 1 Sr. No.:	Sampler Model:	01	NT	NT	20 ppm (TLV)						
03.	rioor		Meth	Meth		01	13	13	200 ppm (TLV)	Ref: IS- 5182	4		Colof. P.
04.		Chlor ofor m	=1	10	NT	NT	2 ppm (TLV)	P-11:2006			Corp		
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)						
02.	Third Floor	Tolue ne	Benzene Sampler	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14-					
03.		Meth anol	Sr. No.: 141- DTH-2018	01	NT	NT	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	5				
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)	1-11:2000					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

# Environment. Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

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

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials -Phosphoric Acid, Bromine, HCL, Ammonia by-products: = and finished products: =

3. Particulars of sampling: - Date: 16 / 02 / 23 Sampling Duration: 8 hrs. (05:25 PM to 01:25 AM)

ISSUE DATE	25/02/23	
REF. NO.	EP/AH.CS/0223/WP08	

		Ident		Co	Airborne ntaminatio	n	TWA concen-		Number of		Signatur	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	Signatu re of person taking samples	Name (in block Letter)
1	2	3	4.	5	6	7	8	9	10	11	12	13
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2			X.O
02.	Bromine Storage Area	Bro mine	Handy Sampler Sr. No.: 0911	01	0.055	0.055	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2002	****	(D)	
03.	Near HCl Tank	нсі	Handy Sampler Sr. No.: 9411	01	1.6	1.6	5 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	4	-		NIKUNJ VAGHASIYA
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	5.2	5.2	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	2	-		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

O.R. DOG . Authorized Signatory

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

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# Environment, Energy, Water Project Consultant

# **ENPRO Enviro Tech and Engineers Pvt. Ltd.**

## **Environmental Testing Laboratory**

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

Lab Ph.: +91-95128 74750846461 Slab@enpro.co.in

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate - and finished products: FL-H involving in t

3. Particulars of sampling: Block-6

Date: 17/02/23

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

ISSUE DATE	25 / 02 / 23	
REF. NO.	EP/AILCS/0223/WP09	

				C	Airborne ontamination	1	TWA concen-		Number			
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur e of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Brom ine		01	0.026	0.026	0.1 ppm (TLV)		750		- 12	13
02.	First Floor	MTB E	Personal Sampler Model: PEM-PAS th Ol Sr. No.: 1013	01	NT	NT	50 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	4	-		
03.		Tolue ne		01	NT	NT	20 ppm (TLV)					
04.		Meth anol		10	NT	NT	200 ppm (TLV)		-			
05.		Aceto ne Ethyl		01	NT	NT	250 ppm (TLV)					
06.		Aceta		01	NT	NT	150 ppm (TLV)				6	
01.		Brom ine		01	0.011	0.011	0.1 ppm (TLV)				Coyof & B.	PRASHANT PATEL
02.		MTB E	Personal	01	NT	NT	50 ppm (TLV)	SOP No			Son	
03.	Second Floor	Tolue ne	Sampler Model: PEM-PAS 1	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01	2			
04.		Meth anol	Sr. No.: 3414	01	NT	NT	200 ppm Ref: I 5182	Ref: IS- 5182	2	1400		
05.		Aceto ne		01	NT	NT	250 ppm (TLV)	P-11:2006				
06.		Ethyl Aceta te		01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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

#### FORM NO. 37

(Prescribed under Rule 12-B)
Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad,

 Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: FL-II involving in t process.

Particulars of sampling: Block-6

Date: 17/02/23

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

ISSUE DATE	25 / 02 / 23
REF. NO.	EP/AILCS/0223/WP10

		Identi		c	Airborne ontamination	9	TWA concen-		Number of			
Sr. No.	Location/ Operation Mentioned	fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	Signatur e of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	M	Brom ine	MTB E	01	NT	NT	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS-		77	R	20
02.		MTB E		01	NT	NT	50 ppm (TLV)		2			
03.	Third Floor	Tolue ne	Sampler Sr. No.: 141-	01	NT	NT	20 ppm (TLV)					NIKUNA
04.	Pioor	Meth anol	DTH-2018	01	NT	NT	200 ppm (TLV)	5182 P-11:2006			-	VAGHASIYA
05.		Aceto ne	-	01	NT	NT	250 ppm (TLV)	1-11.2000				
06,		ne Ethyi		01	NT	NT	150 ppm (TLV)					

Note: NT- Not Traceable

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#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials — <u>Acetone, Methanol</u>, by-products: <u>—</u> and finished products: <u>ZN-VII</u> involving in the process.

Particulars of sampling: Block-3 (FDP-II & FDP III), Date: 21 / 03 / 23
 Sampling Duration: 8 Hrs.(09:05 AM to 05:05 PM)

ISSUE DATE 31 / 03 / 23
REF. NO. EP/AILCS/0323/WP01

						1	REF. NO.		EP/AILCS	/0343/ VY	101	
				Lanca C	Airborne ntaminatio	n	TWA concen-		Number of		Signatu	
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Ground	Acet	Benzene Sampler Sr. No.:	01	58	58	250 ppm (TLV)	SOP No WE/AA/14- 01		8205	pr	ARJUN
02.	Floor	Meth anol	141-DTH- 2018	01	29	29	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	3		41.	NIKAM
01.		Acet	Benzene - Sampler	01	28	28	250 ppm (TLV)	SOP No WI/AA/14-			4	
02.	First Floor	Meth anol	Sr. No.: 140-DTH- 2018	01	15	15	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	4		A	NIKAM
01.	Second	Acet one		01	15.0	15.0	250 ppm (TLV)					
02.	Floor	Meth anol	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-	- 10			
03.	Second Floor (Near Pthionile Chloride Addition Area)	thion yl Chlo ride	Sampler Sr. No.: 0911	01	N.T	N.T	l ppm (TLV)	91 Ref: 18- 5182 P-11:2006	3		AL.	ARJUN

Note: N.T. -Not Traceable

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

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

FTI 222304



## **Environmental Testing Laboratory**

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#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials -- Ethyl Acetate, Methanol, by-products: and finished products: FL-II HCl & SAF-I involving in the process.
- 3. Particulars of sampling: Block -2, Date: 21 / 03 / 23 Sampling Duration: 8 Hrs.( 09:05 AM to 05:05 PM)

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP02

					Airborne ntamination	1	TWA concen- tration (As per OHS Regulatio -n Section 5.48)	Reference method	Number of workers exposed at the location being monitor ed		Signatu	Name (in block Letter)
Sr. No	Location/ Operation Mentioned	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm				Rema rks	re of person taking samples	
1	2	3	4	5	6	7	8	9	10	11	12	13
01.		Meth -anol	Handy	01	10	10	200 ppm (TLV)	SOP No WE/AA/14- 01 Ref: 1S- 5182 P-11:2006		- ·5	Ac.	PRASHANT PATEL
02.	Ground Floor	Ethy -l Acet- ate	Ethy Sampler -I Sr. No.: 74 Acet-	01	6.0	6.0	150 ppm (TLV)		3	-	Rada	
01.		Meth	Handy	01	N.T.	N.T.	200 ppm (TLV)	SOP No WI/AA/14-			AQ.	No. of the Control of
02.	First Floor	First Floor Ethy Sam	Sampler Sr. No.: 0911	01	N.T.	N.T.	150 ppm (TLV)	01 Ref: 1S- 5182 P-11:2006	1 = 1	100	699 Au	PRASHANT PATEL

Note: N.T. -Not Traceable

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+RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MOEF & CC -NABL ACCREDITED CALIBRATION LABORATORY

OCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION -GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR

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



## **Environmental Testing Laboratory**

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#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

- 2. Raw materials Methanol, Ethyl Acetate & Acetone, by-products: and finished products: Solvent Distillation involving in the process.
- Particulars of sampling: SRP Plant , Date: 21 / 03 / 23 Sampling Duration: 8 hrs.(05:15 PM to 01:15 AM)

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP03

				Co	Airborne intamination	1	TWA concen-	9.0	Number of	W.	Signat	Name (in block Letter)
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample	
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Curred	Ethy -1 Acet- ate	Handy	01	60	60	150 ppm (TLV)	SOP No WI/AA/14- 01		P.//	0.0	
02.	Ground Floor	Steen Moth	Sampler Sr. No.: 74	01	55	55	200 ppm (TLV)	Ref: IS- 5182 - P-11:2006	2		HV	ARJUN NIKAM
03.		Acet- one		01	25	25	250 ppm (TLV)		7 - 19			
		Ethi	1	-	-	1					1	- 8
01.		Ethy -l Acet- ate	Handy	01	15	15	150 ppm (TLV)	SOP No WI/AA/14-			Λ.	
02.	First Floor	Meth -anol	Sampler Sr. No.: 0911	01	10	10	200 ppm (TLV) Ref: 1S- 5182 P-11:2006	Ref: 1S- 5182	5	In	ARJUN NIKAM	
03.		Acet- one		01	09	09						

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**Authorized Signatory** 



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#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials - <u>Acetone & Methanol</u>, by-products: <u>--</u> and finished products: <u>ZN V & Zn VII</u> involving in the process.

3. Particulars of sampling: Block-4, Date: 21 / 03 / 23 Sampling Duration: 8 hrs. .(05:15 PM to 01:15 AM)

ISSUE DATE	31 / 03 / 23	
REF. NO.	EP/AILCS/0323/WP04	

		1020240457		0.00	Airborne ntamination	1	TWA concen-		Number of		Signat	
Sr. No	o Operation	ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	of person taking sample 5	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	- 11	12	13
01.	Ground	Acet- one	Personal Sampler Model:	01	47	47	250 ppm (TLV)	SOP No WI/AA/14- 01	2	11 <u>(1</u> 1	200	
02.	Floor	Meth -anol	PEM-PAS 1 Sr. No.: 3414	01	52	52	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	£	23/135		
01.	2,902 10	Acet- one	Personal Sampler Model:	01	14	14	250 ppm (TLV)	SOP No WI/AA/14-		-	))! III,IIE	
02.	First Floor	Meth -anol	PEM-PAS I(L) Sr. No.: 1013	01	N.T.	N.T.	200 ppm (TLV)	01 Ref: IS- 5182 P-11:2006	5	e e <del>stre</del> s	A0.	
01.	Second	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01	ì		Patel P.A	PATEL.
02.	Floor	Meth -anol	Sr. No.: 141-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006	1		i i al alga	
01.	Third	Acet- one	Benzene Sampler	01	N.T.	N.T.	250 ppm (TLV)	SOP No WI/AA/14- 01				
02.	Floor Meth	Sr. No.: 140-DTH- 2018	01	N.T.	N.T.	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	4	-			

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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

OCI-MABET ACCREDITED EIA CONSULTANT ORGANIZATION -GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR

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



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FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

3. Particulars of sampling: MEE Plant,

Date: 22 / 03 / 23 Sampling Duration: 8 hrs.(09:25 AM to 05:25 PM)

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP05

		7.1		C	Airborne ontamination		TWA concen-	1.7	Number of		Signatu	
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	(As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)  13  PRASHANT PATEL
1	2	3	4	5	6	7	8	9	10	11	12	13
61.	See Wo	Ethy- 1 Acet- ate	Personal Sampler Model:	01	10	10	150 ppm (TLV)	SOP No WI/AA/14-		4		
02.	Ground Floor	Aceto ne	PEM-PAS I(L) Sr. No.:	01	15	15	250 ppm (TLV)	01 Ref: IS- 5182	5		2/5 199	
03.		Meth anol	1013	01	10	10	200 ppm (TLV)	P-11:2006				
01.		Ethy- 1 Acet- ate	Personal Sampler	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-	:Paul		a A	
02.	First Floor	Aceto ne	Model: PEM-PAS 1 Sr. No.:	01	7.0	7.0	250 ppm (TLV)	01 Ref: IS- 5182	E E		Rdd P.A	PRASHANT PATEL
03.		Meth anol	3414	01	8.0	8.0	200 ppm (TLV)	P-11:2006				
01.		Ethy- 1 Acet- ate	Benzene	01	N.T.	N.T.	150 ppm (TLV)	SOP No WI/AA/14-	407 10	1	T. T. W.	
02.	Second Floor	Aceto ne	Sampler Sr. No.: EN-BS-01	- 01	N.T.	N.T.	250 ppm (TLV)	01 Ref: IS- 5182	5	- 1	100	
03.		Meth anol	EN-D3-01	10	NT	NT	200 ppm (TLV)	P-11:2006				

Note: N.T. - Not Traceable.

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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



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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: MES-II involving in the process.

3. Particulars of sampling: Block-5,

Date: 22 / 03 / 23

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

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP06

		Identi		C	Airborne ontamination		TWA concen-	- 1.5	Number of		Signatu							
Sr. No	Location/ Operation Mentioned	Location/ fied Operation conta	eation/ fied eration conta- ntioned mina	tion/ fied ation conta ioned mina	peration/ fied peration conta- lentioned mina	Location/ fied Operation conta Mentioned mina	Location/ fied Operation conta Mentioned mina	ocation/ fied Operation conta Ientioned mina	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13						
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No	4/1 - 540									
02.	First Floor	Amm onia	Benzene Sampler Sr. No.: 140-	01	NT	NT	25 ppm (TLV)	WI/AA/14- 01 Ref: IS-	4		or is							
03,		Tolue ne	DTH-2018	-01	15.3	15.3	20 ppm (TLV)	5182 P-11:2006	-, -									
04.		Meth anol		01	11	11	200 ppm (TLV)	70.38	45 54									
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)	SOP No										
02.	Second Floor		Handy Sampler Sr. No.:	01	13.7	13.7	25 ppm (Ti.V)	WI/AA/14- 01 Ref: IS-	2		Mi	ARJUN NIKAM						
03.		Tolue ne	0911	01	NT	NT	20 ppm (TLV)	5182 P-11:2006			W	NIKAN						
04.		Meth anol	70	01	18	18	200 ppm (TLV)											
01,		Aceto nitril e		01	NT	NT	20 ppm (TLV)	CODY										
02.	Third	Amm onia	Handy Sampler	01	5.8	5.8	25 ppm (TLV)	SOP No WI/AA/14- 01	3	1920	At the							
03.	Floor	Tolue ne	Sr. No.: 74	01	NT	NT	20 ppm (TLV)	Ref: IS- 5182 P-11:2006			- 100							
04,	10.500	Meth anol		01	NT	NT	200 ppm (TLV)											

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

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



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FORM NO. 37

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Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - by-products: - and finished products: - involving in the process.

3. Particulars of sampling: Pilot Plant,

Date: 22 / 03 / 23

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

ISSUE DATE	31 / 03 / 23	
REF. NO.	EP/AILCS/0323/WP07	

				C	Airborne ontamination		TWA concen-		Number of		Signatur		
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation n Section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	of person taking samples	Name (in block Letter)	
1	2	3	4	5	6	7	8	9	10	- 11	12	13	
01.		Aceto nitril e	Personal	01	NT	NT	20 ppm (TLV)	H					
02.	First	Totue ne	Sampler Model: PEM-PAS	01	13	13	20 ppm (TLV)	SOP No WI/AA/14- 01	3		W 1 180		
03.	Floor	Meth anol	I(L) Sr. No.: 1013	01	28	28	200 ppm (TLV)	Ref: 1S- 5182 P-11:2006					
04.		Chlor ofor m		01	NT	NT	2 ppm (TLV)		DW-12 110012				
01.		Aceto nitrii e		01	NT	NT	20 ppm (TLV)				- 84		
02.	Second	Tolue ne	LA SERIEST	Personal Sampler Model:	01	NT	NT	20 ppm (TLV)	SOP No WI/AA/14- 01		9853	Or	ARJUN
03.	Floor	Meth anol	PEM-PAS I Sr. No.: 3414	01	16	16	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	10.1	226	1		
04.		Chlor ofor m	2000	01	NT	NT	2 ppm (TLV)						
01.		Aceto nitril e		01	NT	NT	20 ppm (TLV)		L III N				
02.	Third	Tofue ne	Benzene Sampler	01 NT	NT	NT.	20 ppm (TLV)	SOP No WI/AA/14- 01	creation.				
03.	Change	Floor Meth Sr. No.:	Sr. No.: 141- DTH-2018	01	NT	NT	200 ppm (TLV)	Ref: IS- 5182 P-11:2006	2	2775			
04.				01	NT	NT	2 ppm (TLV)	. 1112000			100		

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory



## **Environmental Testing Laboratory**

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials - Phosphoric Acid, Bromine, HCL, Ammonia by-products: - and finished products: -

Particulars of sampling: - Date: 22 / 03 / 23 Sampling Duration: 8 hrs. (05:10 PM to 01:10 AM)

ISSUE DATE	31/03/23
REF. NO.	EP/ATLCS/0323/WP08

		922 53			Airborne ntamination	1	TWA concen-	- N 9 E3	Number of		Signatu	
Sr. No	Location/ Operation Mentioned	Ident ified cont amin ant	Sampling instrument used	Number of samples	Range (Result) ppm	Avera ge ppm	tration (As per OHS Regulatio -n Section 5.48)	Reference method	workers exposed at the location being monitor ed	Rema rks	re of person taking samples	Name (in block Letter)
1	2	3	4	5	6	7	8	9	10	11	12	13
01.	Phosphori c Acid Reactor Plant	Phos phor ic Acid	Handy Sampler Sr. No.: 74	01	NT	NT	1 mg/m³ (TLV)	SOP No WI/AA/14- 01 Ref: 18- 5182 P-11:2006	2	()	100 - 1002	- 10 m
02.	Bromine Storage Area	Bro mine	Handy Sampler Sr. No.: 0911	01	0.060	0.050	0.1 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006		(837/)	o A	
03.	Near HCl Tank	HCI	Handy Sampler Sr. No.: 0411	01	1.1	1.1	5 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	T.		PARA	
04.	Near Ammonia Scrubber	Am moni a	Handy Sampler Sr. No.: 3714	01	4.2	4.2	25 ppm (TLV)	SOP No WI/AA/14- 01 Ref: 1S- 5182 P-11:2006	3	1944		

Note: N.T. -Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

Authorized Signatory

# Environment, Energy, Water Project Consultant

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

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

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

#### FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

2. Raw materials = by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: FL-II involving in the

3. Particulars of sampling: Block-6

Date: 23 / 03 / 23

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

ISSUE DATE	31 / 03 / 23
REF. NO.	EP/AILCS/0323/WP09

		Magnetia con essen		C	Airborne ontamination		TWA concen-		Number of		Signatur			
Sr. No	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation a Section 5.48)	Reference method at to locat being moni	workers exposed at the location being monitore d	Remar ks	e of person taking samples	Name (in block Letter)		
1	2	3	. 4	5	6	7	8	9	10	11	12	13		
01.		Brom ine		01	0.029	0.029	0.1 ppm (TLV)							
02.		MTB E	Personal Sampler	01	NT	NT	50 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	OP No					
03.	First Floor	Tolue ne	Model: PEM-PAS	01	NT	NT	20 ppm (TLV)		01	, s <del></del> -s				
04.		Meth	1(L) Sr. No.:	01	NT	NT	200 ppm (TLV)		1 13	guil				
05.		Aceto	1013	01	NT	NT	250 ppm (TLV)		151112000					
06.		Ethyl Aceta te		01	NŤ	NT	150 ppm (TLV)				Jan .	ARRIN		
01.		Brom ine		01	0.017	0.017	0.1 ppm (TLV)	e n	- N	x I		NIKAM		
02.		MTB E	Personal	01	NT	NT	50 ppm (TLV)	SOP No WI/AA/14- 01 Ref: IS- 5182 P-11:2006	WI/AA/14- 01					
03.	Second	Tolue ne	Sampler Model:	01	NT	NT	20 ppm (TLV)			WI/AA/14- 01	WI/AA/14- 01	4	2000	W
04.	Floor	Meth	PEM-PAS 1 Sr. No.: 3414	01	NT	NI	200 ppm (TLV)							
05.		Aceto ne		10	NT	NT	250 ppm (TLV)	1-1112000			i la			
06.		Ethyl Aceta te	E-IN	01	NT	NT	150 ppm (TLV)							

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd. C.1.0000

Authorized Signatory

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

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

ETL222304



#### **Environmental Testing Laboratory**

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

FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a) (e).

1. Name of the Department / Plant: Aarti Pharmalabs Limited.

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Raw materials by-products: Bromine, MTBE, Toluene, Methanol, Acetone, Ethyl Acetate and finished products: <u>FL-II</u> involving in the process.

3. Particulars of sampling: Block-6

Date: 23 / 03 / 23

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

ISSUE DATE	31/03/23	
REF. NO.	EP/AILCS/0323/WP10	

				C	Airborne ontamination		TWA concen-		Number of		Signatur			
Sr. No.	Location/ Operation Mentioned	Identi fied conta mina nt	Sampling instrument used	Number of samples	Range (Result) ppm	Averag e ppm	tration (As per OHS Regulation section 5.48)	Reference method	workers exposed at the location being monitore d	Remar ks	e of person taking samples	Name (in block Letter)		
1	2	3	4	5	- 6	7	8	9	10	11	12	13		
01.		Brom ine		01	ÑŤ	NT	0.1 ppm (TLV)	SOP No	war cale	S HOW	A			
02.	B (50 %	MTB E		01	NT	NT	50 ppm (TLV)							
03.	Third Floor	Tolue ne	Benzene Sampler Sr. No.: 141-	01	NT	NT	20 ppm (TLV)	WI/AA/14- 01 Ref: IS-	1	See S	ale PA	PRASHANT PATEL		
04.	4.0500	Meth anol	DTH-2018	01	NT	NT	200 ppm (TLV)	5182 P-11:2006	5182	5182			χω	
05.		Aceto ne		01	NT	NT	250 ppm (TLV)							
86.		Ethyl Aceta fc		01	NT	NT	150 ppm (TLV)							

Note: NT- Not Traceable

ENPRO Enviro Tech and Engineers Pvt. Ltd.

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

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

ETL22230

# Annexure-VII CER activity certificate



Date: - 18/04/2022

To,
The District Collector,
Collector & District Magistrate Office,
Valsad-396001.

Subject - Approval for Corporate Environment Responsibility (CER) activities expenditure mentioned in Environment Clearance (EC) for Aarti Industries Limited (Custom Synthesis Division), located at Plot No.22/C-1&2, Phase-I, GIDC Vapi, Gujarat.

#### Respected Sir,

We, Aarti Industries Limited, have received the EC for proposed expansion by addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates at existing unit at Vapi (Please refer Annex-1).

As per EC condition & OM issued by MoEF&CC dated 01.05.2018 (Please refer Annex-2), we have to allocate & utilize the CER (Corporate Environmental Responsibility) activity along with the timeline. The Budget allocated for CER activity as per EC condition is **Rs 9 Lacs**.

Subsequently, We have spent the budget in the following activities for CER compliance.

- Contribution to Covid Care Center, Vapi Rs. 2.51 Lacs [dated -23.07.2021] (Please refer Annex-3)
- Oxygen Analyser donation to ESIC hospital- Rs. 4.85 Lacs [dated -23,07.2021] [Please refer Annex-4]
- Covid support to contractors Rs 3.46 Lacs [dated 20.04.2020]- (Please refer Annexure-5)
   Total: Rs 10.82 Lacs

So, We request you to consider the above expenditure and kindly give your approval to comply with the EC condition regarding CER activity & provide us the compliance certificate.

भी. 2 शि. 4128 स्थानजी हारमुन स्थेत्र इड्डान

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

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

Factory: Custom Synthesis Division, Plot No.22-C/1,1st Phase, GIDC, Vapi - 396195, Dist -Valsad, Gujarat, INDIA, T.: 0260 - 2400467, 9909994655

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

T: 022-67976666, F: 022-25653234 | E: info@aarti-industries.com

# Annexure-VIII Noise monitoring Report



Date of Sampling

Type of Test

Description of Location

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



#### Test Report

TC - 5885

Format No: QR/7.8/03	Test Report No : TC588522000007465F	Issue Date : 31-10-2022	
ULR No: TC588522000007465F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By : Nikuni Vaghasiya

: Nikunj Vaghasiya

: 17-10-2022 to 19-10-2022

: As per Table Given Below

: On Site Testing

Sampling & Test Method : WI/N/01

Duration of Sampling : 1 hr / Location

Duration of Sampling Sample ID

: 1022/N07465

Protocol

: Ambient Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	
1	Nr. Security Gate	65.9	62.0
2	Nr. Parking Area	71.1	66.5
3	Nr. Block I	73.6	69.1
4	Nr. Block II	68.5	64.6
5	Nr. Block III	69.2	65.5
6	Nr. Block IV	71.1	66.3
7	Nr. Block V	72.6	66.4
8	Nr. R & D Lab	71.3	67.5
9	Nr. ETP	68.8	65.1
10	Nr. Admin Office	67.1	63.2
11	Nr.Block -6	68.9	65.7
12	Nr.Boiler Area	55.3	51.9
	GPCB LIMIT	75	70

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

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

CHECKED BY Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY

Cie iousi

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



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujurat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



#### Test Report

TC - 5885

8522000007466F Issue Date : 31-10-2022
Group : Atmospheric Pollution

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Indoor Measurement of Noise Description of Monitoring

: Nikunj Vaghasiya Sampling By

Sampling & Test Method: WI/N/03

Date of Sampling

: 20-10-2022

**Duration of Sampling** 

: 1 hr / Location

Description of Location

: As per Table Given Below

Sample ID

: 1022/N07466

Type of Test

: On Site Testing

Protocol

: Workplace Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
4	DG Room (On)	79.8	74.1
2	Nr. Vacuum Line (Behind Block -4)	76.1	71.5
3	MEE Plant Area	69.5	63.2
4	ETP Plant Area	72.7	67.9
5	Nr.Utility Area	70.1	64.3
J	LIMIT LIMIT	TLV - 85	TLV - 85

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

CHECKED BY Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** 

E . 1 . 00001

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

ETL222302 \_



#### **Environmental Testing Laboratory**

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### **TEST REPORT**

Customer's Name & Addres			ited /2, Phase-I, GIDC Estate,	Vapi- 3	96195, Dist Valsad.
Description of Monitoring	:	DG Noise Compari	ison		
Monitoring By	:	Nikunj Vaghasiya			
Date of Monitoring	:	21 / 10 / 22	Issue Date	1	31 / 10 / 22

#### RESULT TABLE

		NOISE LEVEL dB(A)					
SR. NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference			
1.	Noise Monitoring (DG 320 KVA)	84.1	61.9	22.2			
2.	Noise Monitoring (DG 625 KVA)	86.9	64.2	22.7			
3.	Noise Monitoring (DG 610 KVA)	85.1	63.7	21.4			

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

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORIZED SIGNATORY Chintan Desai (TM)

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



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



#### Test Report

TC - 5885

Format No: QR/7.8/03	Test Report No : TC588522000008367F	Issue Date : 06-12-2022
ULR No : TC588522000008367F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By : Nik

: Nikunj Vaghasiya

Sampling & Test Method: WI/N/01

: 1 hr / Location

Date of Sampling Description of Location : 22-11-2022 to 24-11-2022 : As per Table Given Below Duration of Sampling Sample ID

: 1122/N08367

Type of Test

: On Site Testing

Protocol

: Ambient Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	Nr. Security Gate	62.2	56.5
2	Nr. Parking Area	68.6	63.3
3	Nr. Block I	72.7	67.6
4	Nr. Block II	72.2	66.3
5	Nr. Block III	71.5	67.6
6	Nr. Block IV	67.5	63.2
7	Nr. Block V	70.4	65.3
8	Nr. R & D Lab	67.3	62.3
9	Nr. ETP	72.7	67.1
10	Nr. Admin Office	65.2	59.3
11	Nr.Block -6	70.6	66.0
12	Nr.Boiler Area	52.3	47.1
	GPCB LIMIT	75	70

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

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY

- 1. Dala"

Chintan Desai (TM)

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

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

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

Page 1 of 1

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#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hejiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@capro.co.in



#### Test Report

TC - 5885

Format No: QR/7.8/03	Test Report No : TC588522000008368F	Issue Date : 06-12-2022
ULR No : TC588522000008368F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2. Phase-I. GIDC Estate. Vapi- 396195. Dist. - Valsad.

Duration of Sampling

Description of Monitoring : Indoor Measurement of Noise

Sampling By

: Nikuni Vaghasiya

Sampling & Test Method: WI/N/03

: 1 hr / Location

Date of Sampling

: 25-11-2022 to 26-11-2022 : As per Table Given Below

Sample ID

: 1122/N08368

Description of Location Type of Test

: On Site Testing

Protocol

: Workplace Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVELdB(A) Leq	NIGHT TIME NOISE LEVELdB(A) Leq
1	DG Room (On)	81.5	76.3
2	Nr. Vacuum Line (Behind Block -4)	72.8	68.3
3	MEE Plant Area	65.3	60.8
4	ETP Plant Area	71.3	65.5
5	Nr.Utility Area	68.8	62.9
	LIMIT	TLV - 85	TLV - 85

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

CHECKED BY Sweety Patel (Dy.TM)

ETI 222302

AUTHORISED SIGNATORY

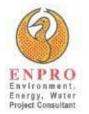
Chintan Desai (TM)

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

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

Page 1 of 1

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#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### TEST REPORT

Customer's Name & Addre			ited '2, Phase-I, GIDC Estate, '	Vapi- 3	396195, Dist Valsad
Description of Monitoring	:	DG Noise Compari	son		
Monitoring By	1:	Nikunj Vaghasiya			
Date of Monitoring	:	26 / 11 / 22	Issue Date		06 / 12 / 22

#### **RESULT TABLE**

		NOISE LEVEL dB(A)			
SR. NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference	
1.	Noise Monitoring (DG 320 KVA)	85.6	63.2	22.4	
2.	Noise Monitoring (DG 625 KVA)	87.1	66.1	21.0	
3.	Noise Monitoring (DG 610 KVA)	86.5	65.8	20.7	

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORIZED SIGNATORY
Chintan Desai (TM)

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



Description of Location

Type of Test

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surut- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



Test Report

TC - 5885

Format No: QR/7.8/03 Test Report No: TC588522000009021F Issue Date: 24-12-2022 ULR No: TC588522000009021F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By

: Prashant Patel Date of Sampling

: 12-12-2022 to 14-12-2022

: As per Table Given Below : On Site Testing

Sampling & Test Method: WI/N/01

Duration of Sampling

: 1 hr / Location : 1222/N09021

Sample ID Protocol

: Ambient Noise Level Monitoring

DECILIT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Security Gate	67.4	63.5
2	Nr. Parking Area	72.5	
3	Nr. Block I		68.0
4	Nr. Block II	70.4	65.5
5	Nr. Block III	69.9	64.3
6	Nr. Block IV	73.2	69.1
7	Part Country C	69.5	65.4
	Nr. Block V	73.0	68.7
8	Nr. R & D Lab	69.4	64.3
9	Nr. ETP	70.5	The second secon
10	Nr. Admin Office	63.7	65.3
11	Nr.Block -6		57.4
12	Nr.Boiler Area	72.5	68.3
1045		58.4	53.5
OTE	GPCB LIMIT : Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PM	75	70

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

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

**AUTHORISED SIGNATORY** 

Chintan Desai (TM)

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

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

Page 1 of 1

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Sweety Patel (Dy.TM)

ETL222303



Date of Sampling

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA, Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

TC - 5885

Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring ; Indoor Measurement of Noise

Sampling By : Prashant Patel

: Prashant Patel

: 15-12-2022 to 16-12-2022 Duration o

Duration of Sampling : 1 hr / Location

Sampling & Test Method: WI/N/03

Description of Location : As per Table Given Below
Type of Test : On Site Testing

Protocol : Workplace Noise Level Monitoring

: 1222/N09022

#### RESULT TABLE

Sample ID

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	DG Room (On)	83.5	79.3
2	Nr. Vacuum Line (Behind Block -4)	75.3	70.6
3	MEE Plant Area	70.4	65.5
4	ETP Plant Area	72.9	68.8
5	Nr.Utility Area	71.4	66.2
	LIMIT	TLV - 85	TLV - 85

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

CHECKED BY Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

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

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ETL222303



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### TEST REPORT

Customer's Name & Addres			ted 2, Phase-I, GIDC Estate,	Vapi- 3	396195, Dist Valsad.
Description of Monitoring	:	DG Noise Comparis	TAN POLICE AND THE PARTY OF THE		The state of the s
Monitoring By	:	Prashant Patel			
Date of Monitoring	:	16 / 12 / 22	Issue Date	1;	24 / 12 / 22

#### RESULT TABLE

-		NOISE LEVEL dB(A)			
SR. NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference	
1.	Noise Monitoring (DG 320 KVA)	83.9	61.8	22.1	
2.	Noise Monitoring (DG 625 KVA)	88.5	68.1	20.4	
3.	Noise Monitoring (DG 610 KVA)	84.2	64.5	19.7	

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

CHECKED BY Sweety Patel (Dy.TM)

AUTHORIZED SIGNATORY Chintan Desai (TM)

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



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



#### Test Report

TC - 5885

Format No : QR/7.8/03	Test Report No : TC588523000000492F	Issue Date : 30-01-2023
ULR No: TC588523000000492F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By

: Nikuni Vaghasiya : 12-01-2023 to 16-01-2023

: On Site Testing

Sampling & Test Method: WI/N/01 Duration of Sampling

:8 hr / Location

description of Location

Date of Sampling

Type of Test

: As per Table Given Below

Sample ID

Protocol

: 0123/N00492 : Ambient Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Security Gate	60.6	55.6
2	Nr. Parking Area	70.2	65.0
3	Nr. Block I	73.1	68.1
4	Nr. Block II	67.6	62.7
5	Nr. Block III	72.3	66.6
6	Nr. Block IV	66.8	62.8
7	Nr. Block V	71.3	66.3
8	Nr. R & D Lab	72.9	67.6
9	Nr. ETP	68.3	63.7
10	Nr. Admin Office	68.4	62.3
11	Nr.Block -6	68.8	65.1
12	Nr.Boiler Area	54.2	50.6
	GPCB LIMIT	75	70

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

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** 

Chintan Desai (TM)

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

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#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.ln



Test Report

TC - 5885

Format No: QR/7.8/03	Test Report No : TC588523000000493F	Issue Date : 30-01-2023
ULR No: TC588523000000493F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2. Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Indoor Measurement of Noise

Sampling By

: Nikuni Vaghasiya Date of Sampling

: 17-01-2023 to 18-01-2023

Duration of Sampling

Sampling & Test Method: WI/N/03 : 8 hr / Location

Description of Location

: As per Table Given Below

Sample ID

: 0123/N00493

Type of Test : On Site Testing

Protocol

: Workplace Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	DG Room (On)	80.3	77.2
2	Nr. Vacuum Line (Behind Block -4)	73.7	69.3
3	MEE Plant Area	68.4	64.4
4	ETP Plant Area	70.3	66.7
5	Nr. Utility Area	69.7	65.0
	LIMIT	TLV - 85	TLV - 85

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

End of Report \*\*\*

Page 1 of 1

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ETL222303



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Pakana Road, Sachin, Surat- 394 236, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

#### TEST REPORT

Customer's Name & Addres		arti Pharmalabs Limited ot No22/C-1 & 22/C/2, R		Vapi- 3	96195, Dist Valsad.
Description of Monitoring	scription of Monitoring : DG Noise Comparison				
Monitoring By	:	Nikunj Vaghasiya		- 11 - 12	
Date of Monitoring	:	18 / 01 / 23	Issue Date		30 / 01 / 23

#### RESULT TABLE

		NOISE LEVEL dB(A)				
SR. NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference		
1.	Noise Monitoring (DG 320 KVA)	82.6	57.1	25.5		
2.	Noise Monitoring (DG 625 KVA)	85.4	58.5	26.9		
3.	Noise Monitoring (DG 610 KVA)	83.9	56.3	27.6		

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ANALYSED BY

CHECKED BY

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

ETL222303



#### **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/7.8/03	Test Report No : TC588523000001427F	Issue Date : 25-02-2023	
ULR No: TC588523000001427F	Discipline : Chemical		
	The state of the s	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By

: Nikunj Vaghasiya Sampling & Test Method: WI/N/01 : 13-02-2023 to 15-02-2023

Duration of Sampling

: 1 hr / Location : 0223/N01427

Description of Location Type of Test

Date of Sampling

: As per Table Given Below : On Site Testing

Sample ID Protocol

: Ambient Noise Level Monitoring

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Security Gate	65.3	60.5
2	Nr. Parking Area	73.5	
3	Nr. Block I	71.7	68.3
4	Nr. Block II	The second secon	66.6
5	Nr. Block III	70.2	66.2
6	Nr. Block IV	71.6	64.9
7	Nr. Block V	68.2	63.6
8	Nr. R & D Lab	72.6	67.0
9	A 200 COLOMBIA CONTRACTOR OF THE COLOMBIA COLOMB	70.1	65.0
0000	Nr. ETP	71.7	66.2
10	Nr. Admin Office	65.4	61.1
11	Nr.Block -6	70.3	
12	Nr.Boiler Area	57.5	64.3
	GPCB LIMIT		52.6
OTE	: Day Time : 06:00 AM to 10:00 PM & Night Time : 10:00 PI	75	70

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

Sweety Patel (Dy.TM)

- A. Desai **AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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Page 1 of 1



#### **Environmental Testing Laboratory**

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

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



TC - 5885

Format No: QR/7.8/03 Test Report No: TC588523000001428F Issue Date: 25-02-2023 ULR No: TC588523000001428F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-i, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Indoor Measurement of Noise

Sampling By

: Nikunj Vaghasiya

Date of Sampling

: 16-02-2023 to17-02-2023

Sampling & Test Method: WI/N/03 Duration of Sampling

: 1 hr / Location : 0223/N01428

Description of Location Type of Test

: As per Table Given Below : On Site Testing

Sample ID Protocol

: Workplace Noise Level Monitoring

RESULT TARLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Log
1	DG Room (On)	82.5	79.2
2	Nr. Vacuum Line (Behind Block -4)	77.1	73.7
3	MEE Plant Area	72,6	68,5
4	ETP Plant Area	73.4	
5	Nr. Utility Area	70.5	68.1
	LIMIT		66.6
	LIMIT	TLV - 85	TLV - 85

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

Sweety Patel (Dy.TM)

· a ocsui **AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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Page 1 of 1

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#### **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**

Customer's Name & Addres	ss: A	arti Pharmalabs Lim ot No22/C-1 & 22/C	ited /2, Phase-I, GIDC Estate.	Vani- 3	396195 Dist - Valsad		
Description of Monitoring	:		o22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist Valsad.  3 Noise Comparison				
Monitoring By	:	Nikunj Vaghasiya	Nikunj Vaghasiya				
Date of Monitoring	:	17 / 02 / 23	Issue Date	1:	25 / 02 / 23		

#### RESULT TABLE

SR.		N	IOISE LEVEL dB(A)	
NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference
1.	Noise Monitoring (DG 320 KVA)	84.3	59.1	25.2
2.	Noise Monitoring (DG 625 KVA)	87.9	61.7	26.2
3.	Noise Monitoring (DG 610 KVA)	85.7	58.6	27.1

ENPRO Enviro Tech and Engineers Pvt. Ltd.

ANALYSED BY

CHECKED BY

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

\*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1985, BY MOEF & CC \*NABL ACCREDITED CALIBRATION LABORATORY

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

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

ETL222304



#### **Environmental Testing Laboratory**

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

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



TC - 5885

#### Test Report

Format No: QR/7,8/03	Test Report No : TC588523000002538F	Issue Date : 31-03-2023	
ULR No: TC588523000002538F	Discipline : Chemical	Group : Atmospheric Pollution	

Aarti Pharmalabs Limited Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Noise Level Monitoring

Sampling By

Sampling & Test Method: WI/N/01 : Prashant Patel

Date of Sampling : 18-03-2023 to 21-03-2023 Description of Location : As per Table Given Below

Duration of Sampling : 1 hr / Location Sample ID : 0323/N02538

: On Site Testing Protocol : Ambient Noise Level Monitoring Type of Test

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	Nr. Security Gate	69.3	64.3
2	Nr. Parking Area	71.3	66.6
3	Nr. Block I	70.4	65.5
4	Nr. Block II	73.5	68.9
5	Nr. Block III	73.3	70.2
6	Nr. Block IV	64.7	61.3
7	Nr. Block V	70.2	66.7
8	Nr. R & D Lab	73.1	69.1
9	Nr. ETP	67.7	63.2
10	Nr. Admin Office	69.2	64.6
11	Nr.Block -6	72.3	69.2
12	Nr.Boiler Area	60.2	54.9
	GPCB LIMIT	75	70

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

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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

Page 1 of 1



#### **Environmental Testing Laboratory**

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

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





TC - 5885

Format No: QR/7.8/03	Test Report No : TC588523000002539F	Issue Date : 31-03-2023
ULR No: TC588523000002539F	Discipline: Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Monitoring : Indoor Measurement of Noise

Sampling By : Prasha

: Prashant Patel

Date of Sampling

: 22-03-2023 to 23-03-2023

Duration of Sampling Sample ID

Sampling & Test Method: WI/N/03

: 1 hr / Location : 0323/N02539

Description of Location
Type of Test

: As per Table Given Below : On Site Testing

Protocol

: Workplace Noise Level Monitoring

#### RESULT TABLE

SR. NO.	LOCATION	DAY TIME NOISE LEVEL dB (A) Leq	NIGHT TIME NOISE LEVEL dB (A) Leq
1	DG Room (On)	81.2	78.3
2	Nr. Vacuum Line (Behind Block -4)	72.6	69.6
3	MEE Plant Area	75.7	72.5
4	ETP Plant Area	70.8	68.2
5	Nr. Utility Area	72.3	70.6
-11	LIMIT	TLV - 85	TLV - 85

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

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

Page 1 of 1



#### **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

Customer's Name & Addres			ted 2, Phase-I, GIDC Estate,	Vapi- 3	396195, Dist Valsad.
Description of Monitoring		DG Noise Comparis	son		
Monitoring By	:	Prashant Patel			
Date of Monitoring	:	23 / 03 / 23	Issue Date	1	31 / 03 / 23

#### RESULT TABLE

200.00		NOISE LEVEL dB(A)					
SR. NO.	Description	DG Set Noise Level without Acoustic	DG Set Noise Level with Acoustic	Noise Level Exposure Difference			
1.	Noise Monitoring (DG 320 KVA)	81.9	56.5	25.4			
2.	Noise Monitoring (DG 625 KVA)	86.3	60.2	26.1			
3.	Noise Monitoring (DG 610 KVA)	84.5	58.0	26.5			

ENPRO Enviro Tech and Engineers Pvt. Ltd.

CHECKED BY

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

# Annexure-IX Stack Monitoring report



#### **Environmental Testing Laboratory**

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



**Test Report** 

Format No: QR/7.8/01	Test Report No: TC588522000007451F	Issue Date: 31-10-2022	
ULR No : TC588522000007451F	Discipline : Chemical	Group : Atmospheric Pollution	

**Aarti Pharmalabs Limited** Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

Date of Sampling : 20-10-2022

Sample Received Date : 21-10-2022 Protocol / Purpose : Stack Gas Analysis Date of Completion : 27-10-2022 Date of Starting of Test : 21-10-2022

: 1022/ST07451 Sample ID Sampling Method : WI/ST/A

Fuel : NG **Duration Sampling** : 60 min

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	8	*
2	Stack Diameter	m	1.00	-	
3	Flue Gas Temperature	°C	148		IS 11255 (Part-3):2021
4	Velocity	m/s	8.00	*	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	222000		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	15.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	10.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	6.1	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

ETL222302

C.1.040 AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

\*\*\* End of Report \*\*\*
\*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY LINDER EPA-1988, BY MOSE & CC \*NABL ACCREDITED CALIBRATION LABORATORY \*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR

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

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#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



: 1022/ST07452

Test Report

Format No : QR/7.8/01	Test Report No: TC588522000007452F	Issue Date: 31-10-2022
ULR No: TC588522000007452F	Discipline : Chemical	Group : Atmospheric Pollution

**Aarti Pharmalabs Limited** Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

: Stack attached to D.G Set 320 KVA Description of Sample

: WI/ST/A

Sampling By : Nikuni Vaghasiya

Qtv / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

Date of Sampling : 20-10-2022 Protocol / Purpose

: Stack Gas Analysis Sample Received Date : 21-10-2022 Date of Completion : 27-10-2022 Date of Starting of Test : 21-10-2022

Sampling Method Fuel : Diesel Duration Sampling : 60 min

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		
2	Stack Diameter	m	0.15	79	*
3	Flue Gas Temperature	°C	100		IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	616	2	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	71.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	23.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	16.8	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

[. 1.0401 **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 \*\*\*

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

\*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR

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FTL222302.

\*ISO 9001 | 2015 \*ISO 14001 | 2015 \*ISO 45001 | 2018



#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/01	Test Report No : TC588522000007453F	Issue Date: 31-10-2022
ULR No: TC588522000007453F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Nikunj Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. 20-10-2022 Packing / Seal : Sealed

Date of Sampling : 20-10-2022 Packing / Seal : Sealed

Sample Received Date : 21-10-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-10-2022 Date of Completion : 27-10-2022

Date of Starting of Test : 21-10-2022 Date of Completion : 27-10-2022 Sampling Method : WI/ST/A Sample ID : 1022/ST07453

Duration Sampling : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	H .,,
2	Stack Diameter	m	0.15	2	= "
3	Flue Gas Temperature	°C	119	*	IS 11255 (Part-3):2021
4	Velocity	m/s	8.40	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	688	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	87.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	25.0	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	17.8	50	IS 11255 (Part-7):2005

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CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in





Format No: QR/7.8/01	Test Report No : TC588522000007455F	Issue Date: 31-10-2022
ULR No: TC588522000007455F	Discipline : Chemical	Group: Atmospheric Pollution

Customer's Name & Address: Aartl Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Vaisad.

: Common Stack Thermopack-1 & 2 (2 Lakh Kcal/hr) Description of Sample

Qty / Nos of Sample : 1 / 1 No. Sampling By : Nikunj Vaghasiya

Packing / Seal : 20-10-2022 : Sealed

Date of Sampling : Stack Gas Analysis Sample Received Date : 21-10-2022 Protocol / Purpose

Date of Completion : 27-10-2022 Date of Starting of Test : 21-10-2022 : 1022/ST07455 Sample ID Sampling Method : WI/ST/A

Fuel : Natural Gas **Duration Sampling** : 60 min

#### RESULT TABLE

			A rect discussion of		
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30		*
2	Stack Diameter	m	0.60	2	4
3	Flue Gas Temperature	°C	80		IS 11255 (Part-3):2021
4	Velocity	m/s	7.10		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	8407	7 - 5 - 7	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	9.8	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	12.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	6.0	50	IS 11255 (Part-7):2005

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**AUTHORISED SIGNATORY** Chintan Desai (TM)

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Page 1 of 1



#### Environmental Testing Laboratory

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**Test Report** 

Format No: QR/7.8/01	Test Report No : TC588522000007456F	Issue Date: 31-10-2022	
ULR No: TC588522000007456F	Discipline : Chemical	Group: Atmospheric Pollution	

**Aarti Pharmalabs Limited** Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. : Sealed

Date of Sampling

: 20-10-2022

Packing / Seal Protocol / Purpose

: Stack Gas Analysis

Sample Received Date : 21-10-2022 Date of Starting of Test : 21-10-2022

Date of Completion

: 27-10-2022

Sampling Method

: WI/ST/A

Sample ID

: 1022/ST07456

**Duration Sampling** 

: 60 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	1 1	* ×
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	8.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	10.0	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 Report No: ETL/000490/22-	Issue Date : 31-10-2022
ULR No: N.A.	Discipline : Chemical	Group : Atmospheric Pollution

**Aarti Pharmalabs Limited** Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-II Reactor Scrubber Description of Sample

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No.

: 20-10-2022 Date of Sampling

Packing / Seal : Sealed

Sample Received Date : 21-10-2022

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-10-2022 Sampling Method : WI/ST/A

Date of Completion : 27-10-2022 : 1022/ST07456 Sample ID

**Duration Sampling** : 60 min

Sweety Patel (Dy.TM)

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	2.60	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9	USEPA (Part-0050)

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

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+QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SACEDULE II AUDITOR +ISO 9001 : 2015 \*ISO 14001 : 2015 \*ISO 45001 : 2018

ETL222302 -

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Test Report

Format No	c : QR/7.8/01	Test Report No: TC588522000007457F	Issue Date: 31-10-2022	
ULR No :	TC588522000007457F	Discipline : Chemical	Group: Atmospheric Pollution	

Aarti Pharmalabs Limited Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

: Stack attached to Block-IV Reactor Scrubber Description of Sample

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed : 20-10-2022

Date of Sampling Sample Received Date : 21-10-2022

: Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 21-10-2022 Sampling Method : WI/ST/A

Date of Completion : 27-10-2022

: 1022/ST07457

Fuel : 60 min **Duration Sampling** 

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	la la	
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	14.3	40	IS 11255 (Part 2):1985

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#### **Test Report**

Issue Date: 31-10-2022 Test Report No: ETL/007342/22 Format No: QR/7.8/01 Group: Atmospheric Pollution Discipline: Chemical ULR No: N.A.

**Aarti Pharmalabs Limited** Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-IV Reactor Scrubber Description of Sample

Sampling By

: Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 20-10-2022

Packing / Seal

: Sealed

Sample Received Date : 21-10-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 21-10-2022

Date of Completion Sample ID

: 27-10-2022 : 1022/ST07457

Sampling Method

: WI/ST/A

Fuel

**Duration Sampling** 

: 60 min

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.20	20	USEPA (Part-0050)

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### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



: Stack Gas Analysis

TC - 5885

Test Report

Format No: QR/7.8/01 Test Report No: TC588522000007458F Issue Date: 31-10-2022

ULR No: TC588522000007458F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

: 15 min

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikunj Vaghasiya

: Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. : 20-10-2022 Packing / Seal : Sealed

Sample Received Date : 21-10-2022

Date of Sampling

**Duration Sampling** 

1\_10\_2022 Date of Completion : 27-10-2022

Date of Starting of Test : 21-10-2022 Sampling Method : WI/ST/A

Sample ID : 1022/ST07458

Fuel :-

Protocol / Purpose

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	Stack Height	m	5		*
	Ammonia (as NH <sub>3</sub> )	mg/Nm³	20.5	40	IS 11255 (Part-6):1999 Clause 5

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#### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in





TC - 5885

Format No: QR/7.8/01 Test Report No: TC588522000007459F Issue Date: 31-10-2022

ULR No: TC588522000007459F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-10-2022 Packing / Seal : Sealed

Sample Received Date : 21-10-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 21-10-2022 Date of Completion : 27-10-2022

Date of Starting of Test : 21-10-2022 Date of Completion : 27-10-2022
Sampling Method : WI/ST/A Sample ID : 1022/ST07459

Duration Sampling : 15 min Fuel :-

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	6.6	50	IS 11255 (Part-7):2005

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Conditions mentioned overleaf.

Conditions mentioned overleaf.



#### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

Test Report

Test Report No: ETL/000494/22-Issue Date: 31-10-2022 Format No: QR/7.8/01 Group: Atmospheric Pollution Discipline: Chemical ULR No: N.A.

**Aarti Pharmalabs Limited** Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-V Reactor Scrubber Description of Sample

Sampling By

Date of Sampling

: Nikunj Vaghasiya

: 20-10-2022

Sample Received Date : 21-10-2022 Date of Starting of Test : 21-10-2022

Sampling Method **Duration Sampling** 

: WI/ST/A : 15 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose

: Stack Gas Analysis

Date of Completion Sample ID

: 27-10-2022 : 1022/ST07459

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
	HCI	mg/Nm³	2.10	20	USEPA (Part-0050)

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

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#### **Environmental Testing Laboratory**

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Test Report

Format No: QR/7.8/01 Test Report No: TC588522000007460F Issue Date: 31-10-2022

ULR No: TC588522000007460F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Nikuni Vaghasiya

unj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 20-10-2022 Packing / Seal : Sealed
Sample Received Date : 21-10-2022 Protocol / Purpose : Stack Gas Analysis

Sample Received Date : 21-10-2022 Protocol / Purpose : Stack Gas Analys

Date of Starting of Test : 21-10-2022 Date of Completion : 27-10-2022

Sample ID : 1022/ST07460

Sampling Method : WI/ST/A Sample ID : 10

Duration Sampling : 60 min Fuel :

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	11.1	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	17.6	50	IS 11255 (Part-7):2005

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### Environmental Testing Laboratory

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#### Test Report

Issue Date: 31-10-2022 Test Report No: ETL/000495/22-Format No : QR/7.8/01 Group: Atmospheric Pollution Discipline: Chemical ULR No: N.A.

Aarti Pharmalabs Limited Customer's Name & Address :

: 60 min

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-III Reactor Scrubber Description of Sample

Sampling By

: Nikuni Vaghasiya

: 20-10-2022

Date of Sampling Sample Received Date : 21-10-2022

Date of Starting of Test : 21-10-2022 Sampling Method : WI/ST/A

**Duration Sampling** 

Packing / Seal

Qty / Nos of Sample : 1 / 1 No. : Sealed

Protocol / Purpose

: Stack Gas Analysis : 27-10-2022

Date of Completion

: 1022/ST07460

Fuel

Sample ID

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	3.50	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9	USEPA (Part-0050)

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

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

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AUTHORISED SIGNATORY

Chintan Desai (TM)

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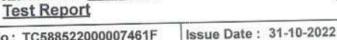
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Test Report No: TC588522000007461F Group: Atmospheric Pollution Discipline: Chemical ULR No: TC588522000007461F

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

: Nikuni Vaghasiya Sampling By

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

Packing / Seal : 20-10-2022

: Sealed

Sample Received Date : 21-10-2022

: Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 21-10-2022 Sampling Method

: WI/ST/A

Date of Completion Sample ID

: 27-10-2022

: 1022/ST07461

Duration Sampling

: 60 min

: --Fuel

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		-
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.8	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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### Test Report

Issue Date: 31-10-2022 Test Report No: ETL/007423/22 Format No: QR/7.8/01 Group: Atmospheric Pollution Discipline: Chemical ULR No: N.A.

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-VI Reactor Scrubber Description of Sample

Sampling By

Date of Sampling

**Duration Sampling** 

: Nikuni Vaghasiya

: 20-10-2022

Sample Received Date : 21-10-2022 Date of Starting of Test : 21-10-2022

Sampling Method

: WI/ST/A : 60 min

Qty / Nos of Sample : 1 / 1 No. : Sealed

Packing / Seal Protocol / Purpose

: Stack Gas Analysis

Date of Completion

: 27-10-2022 : 1022/ST07461

Fuel

Sample ID

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
200	HCI	mg/Nm³	2.80	20	USEPA (Part-0050)

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

Sweety Patel (Dy.TM)

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#### Test Report

Test Report No : TC588522000007462F	Issue Date: 31-10-2022
Discipline : Chemical	Group: Atmospheric Pollution
	Test Report No : TC588522000007462F  Discipline : Chemical

Aarti Pharmalabs Limited Customer's Name & Address :

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-II Reactor Scrubber Description of Sample

: Nikunj Vaghasiya Sampling By

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

: 20-10-2022 Date of Sampling Sample Received Date : 21-10-2022

: Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 21-10-2022 : WI/ST/A Sampling Method

: 27-10-2022 Date of Completion : 1022/ST07462 Sample ID

**Duration Sampling** : 15 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
P. 2000	Stack Height	m	5	-	5
	Ammonia (as NH <sub>3</sub> )	mg/Nm³	20.1	175	IS 11255 (Part-6):1999 Clause 5

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Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enuro.co.in

#### Test Report

Test Report No: ETL/007374/22 Issue Date: 31-10-2022 Format No : QR/7.8/01 Group: Atmospheric Pollution Discipline: Chemical ULR No: N.A.

Customer's Name & Address : **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Phosphoric Acid Recovery Plant

Sampling By

: Nikunj Vaghasiya

Qtv / Nos of Sample : 1 / 1 No.

Date of Sampling

: 20-10-2022

Packing / Seal

: Sealed

Sample Received Date : 21-10-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 21-10-2022

Date of Completion Sample ID

: 27-10-2022 : ETL/007374/22

Sampling Method

: WI/ST/A

**Duration Sampling** 

: 30 min

Fuel

: --

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	-	l+
2	Velocity	m/s			IS 11255 (Part-3):2021
3	HCI	mg/Nm³	2.50	20	USEPA (Part-0050)

Note: BDL:- Below Detectable Limit ( Velocity(NN)<0.4 m/s)

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ETL222302.



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#### Test Report

Format No : QR/7.8/01	Test Report No: ETL/000497/22-	Issue Date: 31-10-2022	
ULR No: N.A.	Discipline : Chemical	Group: Atmospheric Pollution	

**Aarti Pharmalabs Limited** Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Pilot Plant Scrubber Description of Sample

Sampling By

: Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 20-10-2022

Packing / Seal

: Sealed

Sample Received Date : 21-10-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 21-10-2022

Date of Completion Sample ID

: 27-10-2022

Sampling Method

: WI/ST/A

: ETL/000497/22-

**Duration Sampling** 

: 30 min

Fuel

:--

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.0	*	<b>₩</b>
100	Velocity	m/s	-		IS 11255 (Part-3):2021
	HCI	mg/Nm³	3.5	20	USEPA (Part-0050)

Note: BDL:- Below Detectable Limit ( Velocity(NN)<0.4 m/s)

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Sweety Patel (Dy.TM)

ETL222302

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- 5885

Test Report

Format No : QR/7.8/01 Test Report No: TC588522000008353F Issue Date: 06-12-2022 ULR No: TC588522000008353F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler(12 TPH)

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. : 26-11-2022

RESULT TABLE

Date of Sampling Packing / Seal : Sealed Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Date of Completion : 30-11-2022 Sampling Method : WI/ST/A Sample ID : 1122/ST08353

**Duration Sampling** : 60 min Fuel : NG

#### S.NO. TEST PARAMETER UNIT RESULT **GPCB LIMIT** METHOD REFERENCE

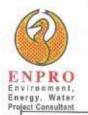
	Stack Height	m	30		TO THE OWN THE PARTY OF THE PARTY OF THE PARTY.
-	01 1 5	101	30	\$5	*
2	Stack Diameter	m	1.00	-	
3	Flue Gas Temperature	°C	137		IS 11255 (Part-3):2021
4	Velocity	m/s	7.20	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	19405		
6	Particulate Matter (PM)	mg/Nm³	10.0	150	IS 11255 (Part-3):2008
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	8.2	15.5	IS 11255 (Part-1):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )		1717	100	IS 11255 (Part-2):1985
165		ppm	15.1	50	IS 11255 (Part-7):2005

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Page 1 of 1

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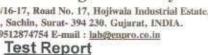


Date of Sampling

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Format No: QR/7.8/01 Test Report No: TC588522000008354F Issue Date: 06-12-2022 ULR No: TC588522000008354F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 320 KVA

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No. : 26-11-2022 Packing / Seal : Sealed

Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 28-11-2022

Date of Completion : 30-11-2022 Sampling Method : WI/ST/A Sample ID : 1122/ST08354 **Duration Sampling** 

: 60 min Fuel : Diesel

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	· · · · · · · · · · · · · · · · · · ·
2	Stack Diameter	m	0.15		
3	Flue Gas Temperature	°C	90		IS 11255 (Part-3):2021
4	Velocity	m/s	7.20		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	549		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	80.0	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO <sub>2</sub> )	ppm	20.4	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	13.0	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01	Test Report No: TC588522000008355F	Issue Date: 06-12-2022	
ULR No: TC588522000008355F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Nikuni Vaghasiya

Qtv / Nos of Sample : 1 / 1 No. Date of Sampling : 26-11-2022 Packing / Seal : Sealed

Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Date of Completion : 30-11-2022 Sampling Method : WI/ST/A Sample ID : 1122/ST08355

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	-	
3	Flue Gas Temperature	°C	128	38	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	654	323	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	90.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO₂)	ppm	32.0	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	24.9	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01 Test Report No: TC588522000008356F Issue Date: 06-12-2022 ULR No: TC588522000008356F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 26-11-2022 Packing / Seal : Sealed

Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Date of Completion : 30-11-2022 Sampling Method : WI/ST/A Sample ID : 1122/ST08356

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
31	Stack Height	m	11		
2	Stack Diameter	m	0.15		(4)
3	Flue Gas Temperature	°C	117		IS 11255 (Part-3):2021
4	Velocity	m/s	7.10	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	581		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	77.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO₂)	ppm	20.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	12.4	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01 Test Report No: TC588522000008357F Issue Date: 06-12-2022 ULR No: TC588522000008357F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Common Stack Thermopack-1 & 2 (2 Lakh Kcal/hr)

Sampling By

: Nikuni Vaghasiya

Qtv / Nos of Sample : 1 / 1 No.

: Sealed

Date of Sampling

: 26-11-2022 Sample Received Date : 28-11-2022 Packing / Seal Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 28-11-2022

Date of Completion

: 30-11-2022

Sampling Method **Duration Sampling** 

: WI/ST/A : 60 min

Sample ID Fuel

: 1122/ST08357 : Natural Gas

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	- 1	
2	Stack Diameter	m	0.60	-	
3	Flue Gas Temperature	°C	93		IS 11255 (Part-3):2021
4	Velocity	m/s	6.80	15.	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	8308	9.0	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	11.2	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	9.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	14.1	-50	IS 11255 (Part-7):2005

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- 5885

#### Test Report

Format No: QR/7.8/01	Test Report No: TC588522000008358F	Issue Date: 06-12-2022
ULR No: TC588522000008358F	Discipline : Chemical	Group : Atmospheric Pollution

Aarti Pharmalabs Limited Customer's Name & Address

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By Date of Sampling : Nikuni Vaqhasiya

: 26-11-2022

Sample Received Date : 28-11-2022

Date of Starting of Test : 28-11-2022

Sampling Method **Duration Sampling**  : WI/ST/A : 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose

: Stack Gas Analysis

Date of Completion Sample ID

: 30-11-2022 : 1122/ST08358

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	+	
2	Sulphur Dioxide (SO₂)	mg/Nm³	9.5	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.2	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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Test Report

Format No: QR/7.8/01 Test Report No: ETL/007844/22 Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By

: Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

Packing / Seal

: Sealed

Sample Received Date : 28-11-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 28-11-2022

Date of Completion : 30-11-2022

Sampling Method **Duration Sampling** 

: WI/ST/A : 60 min

Sample ID

: 1122/ST08358

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	1.10	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9	USEPA (Part-0050)

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

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Test Report

Format No: QR/7.8/01 Test Report No: TC588522000008359F Issue Date: 06-12-2022 ULR No: TC588522000008359F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By

: Nikuni Vaghasiya

Packing / Seal

Qtv / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

: Sealed

Sample Received Date : 28-11-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 28-11-2022

: WI/ST/A

Sample ID

Date of Completion : 30-11-2022 : 1122/ST08359

Sampling Method **Duration Sampling** 

: 60 min

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	34	2 <del>4</del>
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	9.6	40	IS 11255 (Part 2):1985

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ETL222302.

AUTHORISED SIGNATORY Chintan Desai (TM)

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**Test Report** 

Format No: QR/7.8/01 Test Report No: ETL/000743/22-Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By

: Nikuni Vaghasiya

Qtv / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

Packing / Seal

: Sealed

Sample Received Date : 28-11-2022 Date of Starting of Test : 28-11-2022

Protocol / Purpose Date of Completion

: Stack Gas Analysis : 30-11-2022

Sampling Method

: WI/ST/A

Sample ID

: 1122/ST08359

**Duration Sampling** 

: 60 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.10	20	USEPA (Part-0050)

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

Sweety Patel (Dv.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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Test Report

Format No: QR/7.8/01 Test Report No: TC588522000008360F Issue Date: 06-12-2022 ULR No: TC588522000008360F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By

: Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

Packing / Seal

: Sealed

Sample Received Date : 28-11-2022

Protocol / Purpose

: Stack Gas Analysis

Sampling Method

Date of Starting of Test : 28-11-2022 : WI/ST/A

Date of Completion Sample ID

: 30-11-2022 : 1122/ST08360

**Duration Sampling** 

: 15 min

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH <sub>3</sub> )	mg/Nm³	25.8	40	IS 11255 (Part-6):1999 Clause 5

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- 5885

Format No: QR/7.8/01 Test Report No: TC588522000008361F Issue Date: 06-12-2022 ULR No: TC588522000008361F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample

: Stack attached to Block-V Reactor Scrubber

Sampling By

Date of Sampling

: 26-11-2022

Sample Received Date : 28-11-2022

Date of Starting of Test : 28-11-2022 Sampling Method

**Duration Sampling** 

: WI/ST/A : 15 min

: Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Packing / Seal

: Sealed

Protocol / Purpose

: Stack Gas Analysis

Date of Completion Sample ID

: 30-11-2022 : 1122/ST08361

Fuel

: --

RESULT TABLE

.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	2	THE THE THE THE THE
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	8.7	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate. Sachin Palsana Road, Sachin, Surat- 394 230, Guiarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

Test Report

Format No: QR/7.8/01 Test Report No: ETL/000747/22-Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-V Reactor Scrubber

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. : 26-11-2022

Date of Sampling Packing / Seal : Sealed Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Date of Completion : 30-11-2022 Sampling Method : WI/ST/A Sample ID : 1122/ST08361

Duration Sampling : 15 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.20	20	USEPA (Part-0050)

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Test Report



Format No: QR/7.8/01	Test Report No : TC588522000008362F	Issue Date: 06-12-2022	
ULR No: TC588522000008362F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample

: Stack attached to Block-III Reactor Scrubber

Sampling By

**Duration Sampling** 

: Nikunj Vaghasiya

Date of Sampling

Sample Received Date : 28-11-2022

Sampling Method

: WI/ST/A

: 26-11-2022

Date of Starting of Test : 28-11-2022

: 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose : Sealed

Date of Completion

: Stack Gas Analysis

Sample ID

: 30-11-2022 : 1122/ST08362

Fuel

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#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	Sulphur Dioxide (SO₂)	mg/Nm³	8.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	11.0	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01 Test Report No: ETL/007845/22 Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-III Reactor Scrubber Description of Sample

Sampling By

: Nikuni Vaghasiya

Date of Sampling Sample Received Date : 28-11-2022

: 26-11-2022

Date of Starting of Test : 28-11-2022 Sampling Method : WI/ST/A

Duration Sampling

Sweety Patel (Dy.TM)

ETL222302

: 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal

: Sealed

Protocol / Purpose

: Stack Gas Analysis

Date of Completion Sample ID

: 30-11-2022 : 1122/ST08362

Fuel

1 ---

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	4.20	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9	USEPA (Part-0050)

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

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Format No: QR/7.8/01	Test Report No : TC588522000008363F	Issue Date: 06-12-2022	
ULR No: TC588522000008363F	Discipline : Chemical	Group : Atmospheric Pollution	

Aarti Pharmalabs Limited Customer's Name & Address

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By

: Nikuni Vaghasiya

Packing / Seal

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

: Sealed

Sample Received Date : 28-11-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Sampling Method

: WI/ST/A

Date of Completion Sample ID

: 30-11-2022 : 1122/ST08363

Duration Sampling

: 60 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	2	-
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	12.1	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01 Test Report No: ETL/007848/22 Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-VI Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Date of Sampling

: 26-11-2022

Sample Received Date : 28-11-2022 Date of Starting of Test : 28-11-2022

Sampling Method : WI/ST/A

Duration Sampling : 60 min Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 30-11-2022 Sample ID : 1122/ST08363

Fuel \* ---

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.10	20	USEPA (Part-0050)

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Test Report



Format No: QR/7.8/01	Test Report No : TC588522000008364F	Issue Date: 06-12-2022
ULR No: TC588522000008364F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By Date of Sampling

Sampling Method

**Duration Sampling** 

: Nikuni Vaghasiya

: 26-11-2022

Sample Received Date : 28-11-2022

Date of Starting of Test : 28-11-2022

: WI/ST/A

: 15 min

Qtv / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose : Sealed : Stack Gas Analysis

Date of Completion

: 30-11-2022

Sample ID

: 1122/ST08364

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	Ammonia (as NH <sub>3</sub> )	mg/Nm³	25.6	40	IS 11255 (Part-6):1999 Clause 5

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Test Report

Format No: QR/7.8/01 Test Report No: ETL/000793/22-Issue Date: 06-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By

: Nikunj Vaghasiya

Qtv / Nos of Sample : 1 / 1 No.

Date of Sampling

: 26-11-2022

Packing / Seal

: Sealed : Stack Gas Analysis

Date of Starting of Test : 28-11-2022

Sample Received Date : 28-11-2022

Protocol / Purpose Date of Completion

: 30-11-2022

Sampling Method

: WI/ST/A

Sample ID

: ETL/000793/22-

**Duration Sampling** 

: 30 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	-	5
2	HCI	mg/Nm³	2.40	20	USEPA (Part-0050)

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Date of Sampling

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Test Report

Test Report No: ETL/000794/22-Format No: QR/7.8/01 Issue Date: 06-12-2022 ULR No: N.A. Group: Atmospheric Pollution Discipline: Chemical

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Phosphoric Acid Recovery Plant Description of Sample

Sampling By : Nikunj Vaghasiya

Qtv / Nos of Sample : 1 / 1 No. : 26-11-2022 Packing / Seal : Sealed

Sample Received Date : 28-11-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 28-11-2022 Date of Completion : 30-11-2022

Sampling Method : WI/ST/A : ETL/000794/22-Sample ID

Duration Sampling : 30 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.00	-	P#
2	HCI	mg/Nm³	3.50	20	USEPA (Part-0050)

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Format No: QR/7.8/01 Test Report No: TC588522000009006F Issue Date: 24-12-2022 ULR No: TC588522000009006F Discipline: Chemical

Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-12-2022 Packing / Seal : Sealed Sample Received Date : 17-12-2022

Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022 Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09006

**Duration Sampling** : 60 min Fuel : NG

#### RESULT TABLE

a Charles			KLOOLI IMBI	in his	
S.NO.		UNIT	RESULT	GPCB LIMIT	METHOD DESERVA
1	Stack Height	m	30	O. OD LIMIT	METHOD REFERENCE
2	Stack Diameter	m			
3	Flue Gas Temperature		1.00		1838 D 181 L 182
		°C	141	23	IS 11255 (Part-3):2021
4	Velocity	m/s	7.80		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	21401		
6	Particulate Matter (PM)	mg/Nm³	The state of the s		IS 11255 (Part-3):2008
	Sulphur Dioxide (SO₂)		13.0	150	IS 11255 (Part-1):1985
		ppm	6.4	100	IS 11255 (Part-2):1985
0	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	11.2	50	IS 11255 (Part-7):2005

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CHECKED BY Sweety Patel (Dy.TM)



Format No: QR/7.8/01

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ULR No: TC588522000009007F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 320 KVA

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 17-12-2022 Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09007

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	METHOD REFERENCE
2	Stack Diameter	m	0.15		77
3	Flue Gas Temperature .	°C	98	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.20		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	641	Service Cod	IS 11255 (Part-3):2008
manufactured in the last	Particulate Matter (PM)	mg/Nm³	76.0	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO <sub>2</sub> )	ppm	26.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.5	50	IS 11255 (Part-7):2005

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Format No: QR/7.8/01 Test Report No: TC588522000009008F Issue Date: 24-12-2022 ULR No: TC588522000009008F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Prashant Patel Date of Sampling

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Protocol / Purpose : Stack Gas Analysis Date of Completion : 20-12-2022

Sampling Method : WI/ST/A **Duration Sampling** : 60 min

Sample ID : 1222/ST09008 Fuel : Diesel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		METHOD NEI ENEROE
2	Stack Diameter	m	0.15		
3	Flue Gas Temperature	°C	115	-	IS 11255 (Part-3):2021
4	Velocity	m/s	8.80	1 2	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	718	- DE 41	IS 11255 (Part-3):2008
	Particulate Matter (PM)	mg/Nm³	85.0	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO₂)	ppm	28.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	20.5	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

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- 5885

#### Test Report

Format No: QR/7.8/01 Test Report No: TC588522000009009F Issue Date: 24-12-2022 ULR No: TC588522000009009F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA

Sampling By : Prashant Patel

Date of Sampling : 16-12-2022

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Sampling Method : WI/ST/A

**Duration Sampling** : 60 min Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion

: 20-12-2022 : 1222/ST09009

Sample ID

Fuel

: Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	-
2	Stack Diameter	m	0.15	1707	3997 BB 14 (F 04)
3	Flue Gas Temperature	°C	111		IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	Children - The	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	606	Danier Said	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	81.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	28.9	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	20.2	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

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

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Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsanu Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588522000009010F Issue Date: 24-12-2022 TC588522000009010F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Common Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)

Sampling By : Prashant Patel Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022

Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09010 **Duration Sampling** : 60 min Fuel : Natural Gas

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30		METHOD KEI EKENCE
	Stack Diameter	m	0.60	31 a 11 a 14	THE THE SECTION
3	Flue Gas Temperature	°C	85		IS 11255 (Part-3):2021
4	Velocity	m/s	7.40	Sm Harris Sty	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	8919	Company of the Company	IS 11255 (Part-3):2008
material de la lace de la constantina della cons	Particulate Matter (PM)	mg/Nm³	14.7	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO <sub>2</sub> )	ppm	11.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	16.7	- 50 -	IS 11255 (Part-7):2005

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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.



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in





Format No: QR/7.8/01	Test Report No : TC588522000009011F	Issue Date : 24-12-2022
ULR No: TC588522000009011F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Prashant Patel Date of Sampling

: 16-12-2022

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022 Sampling Method

**Duration Sampling** 

: WI/ST/A

: 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed Protocol / Purpose

: Stack Gas Analysis Date of Completion : 20-12-2022

Sample ID : 1222/ST09011

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		METHOD REFERENCE
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	8.4	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.0	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01 Test Report No: ETL/001033/22-Issue Date: 24-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-II Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022

Date of Sampling Packing / Seal : Sealed Sample Received Date : 17-12-2022 : Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 17-12-2022 Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09011

**Duration Sampling** : 60 min Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	2.90	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9	USEPA (Part-0050)

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

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Format No: QR/7.8/01 Test Report No: TC588522000009012F Issue Date: 24-12-2022 ULR No: TC588522000009012F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022

Date of Sampling Packing / Seal : Sealed Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022

Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09012

**Duration Sampling** : 60 min Fuel . ...

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	11.2	40	IS 11255 (Part 2):1985

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#### **Test Report**

Format No: QR/7.8/01 Test Report No: ETL/001034/22-Issue Date: 24-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By Date of Sampling

: Prashant Patel

: 16-12-2022

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Sampling Method **Duration Sampling** 

: WI/ST/A : 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal Protocol / Purpose

: Sealed : Stack Gas Analysis

Date of Completion

: 20-12-2022

Sample ID Fuel

: 1222/ST09012 -

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.00	20	USEPA (Part-0050)

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ETL222303

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### Test Report

Format No: QR/7.8/01 Test Report No: TC588522000009013F Issue Date: 24-12-2022 ULR No: TC588522000009013F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

: WI/ST/A

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Prashant Patel Date of Sampling

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022 Sampling Method

Protocol / Purpose : Stack Gas Analysis Date of Completion : 20-12-2022 Sample ID : 1222/ST09013

**Duration Sampling** : 15 min

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		Married IIII LINEISOL
2	Ammonia (as NH <sub>3</sub> )	ma/Nm3	20.0	14	
	- managed (as in b)	mg/Nm³	28.2	40	IS 11255 (Part-6):1999 Clause 5

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### Test Report



Format No: QR/7.8/01	Test Report No : TC588522000009014F	Issue Date : 24-12-2022
ULR No: TC588522000009014F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Prashant Patel Date of Sampling

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Protocol / Purpose : Stack Gas Analysis Date of Completion : 20-12-2022

Sampling Method : WI/ST/A **Duration Sampling** : 15 min

Sample ID : 1222/ST09014 Fuel

#### RESULT TABLE

S.NO.	, as i i comme ten	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5.0		METHOD KEI EKENGE
2	Oxides of Nitrogen (as NO <sub>2</sub> )		750000		
- 11014	omed of thirogen (as NO2)	ppm	7.8	50	IS 11255 (Part-7):2005

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### Test Report

Format No: QR/7.8/01 Test Report No: ETL/008628/22 Issue Date: 24-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By

: Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 16-12-2022

Packing / Seal

: Sealed

Sample Received Date : 17-12-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 17-12-2022 Sampling Method

: WI/ST/A

Date of Completion Sample ID

: 20-12-2022 : 1222/ST09014

**Duration Sampling** 

: 15 min

Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	4.10	20	USEPA (Part-0050)

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# Test Report



Format No: QR/7.8/01	Test Report No : TC588522000009015F	Issue Date : 24-12-2022		
ULR No: TC588522000009015F	Discipline : Chemical	Group : Atmospheric Pollution		

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022 Date of Completion

: 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09015 **Duration Sampling** : 60 min Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	6	S. SE CHILL	METHOD REFERENCE
2	Sulphur Dioxide (SO <sub>2</sub> )		0		
		mg/Nm³	10.0	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.2	50	
Section 2		1	10.6	50	IS 11255 (Part-7):2005

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Test Report

Format No: QR/7.8/01

Test Report No: ETL/001037/22-

Issue Date: 24-12-2022

ULR No: N.A.

Discipline: Chemical

Group: Atmospheric Pollution

Customer's Name & Address:

Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-III Reactor Scrubber

Sampling By

: Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 16-12-2022

Packing / Seal

: Sealed

Sample Received Date: 17-12-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 17-12-2022

Date of Completion

: 20-12-2022

Sampling Method

: WI/ST/A

Sample ID

: 1222/ST09015

**Duration Sampling** 

: 60 min

Fuel

: ---

### RESULT TABLE

UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
mg/Nm³	4.80	20	USEPA (Part-0050)
mg/Nm³	BDL	9	USEPA (Part-0050)
	mg/Nm <sup>3</sup>	mg/Nm³ 4.80	mg/Nm³ 4.80 20

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

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Sweety Patel (Dy.TM)

ETL222303

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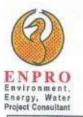
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Format No: QR/7.8/01 Test Report No: TC588522000009016F Issue Date: 24-12-2022 ULR No: TC588522000009016F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-VI Reactor Scrubber

Sampling By : Prashant Patel Date of Sampling

: 16-12-2022

Sample Received Date : 17-12-2022 Date of Starting of Test : 17-12-2022

Sampling Method : WI/ST/A **Duration Sampling** : 60 min

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

Protocol/Purpose : Stack Gas Analysis

Date of Completion : 20-12-2022 Sample ID : 1222/ST09016

Fuel

RESULT TABLE

UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
m	5	-	
mag	9.4	50	IS 11255 (Part-7):2005
	-	m 5	m 5 -

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Test Report

Format No : QR/7.8/01

Test Report No: ETL/008246/22

Issue Date: 24-12-2022

ULR No: NA

Discipline: Chemical

Group: Atmospheric Pollution

Customer's Name & Address:

Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-VI Reactor Scrubber

Sampling By

: Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Date of Sampling

: 16-12-2022

Packing / Seal

: Sealed

Sample Received Date : 17-12-2022

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 17-12-2022 Sampling Method

: WI/ST/A

Date of Completion Sample ID

: 20-12-2022 : 1222/ST09016

**Duration Sampling** 

: 60 min

Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3 HC		mg/Nm³	3.30	20	USEPA (Part-0050)

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Sweety Patel (Dy.TM)

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Test Report

Format No : QR/7.8/01 Test Report No: TC588522000009017F Issue Date: 24-12-2022

ULR No: TC588522000009017F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample :1/1 No. Date of Sampling : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022

Date of Completion : 20-12-2022 Sampling Method : WI/ST/A Sample ID : 1222/ST09017

**Duration Sampling** : 15 min Fuel

#### RESULT TABLE S.NO. TEST PARAMETER UNIT RESULT GPCB LIMIT METHOD REFERENCE Stack Height 5 Ammonia (as NH<sub>3</sub>) mg/Nm<sup>3</sup> 16.3 IS 11255 (Part-6):1999 Clause 5 40

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Test Report

Format No : OR/7 8/01 Test Report No: ETL/001038/22-Issue Date: 24-12-2022 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Protocol / Purpose

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Prashant Patel Date of Sampling

Qty / Nos of Sample : 1 / 1 No. : 16-12-2022 Packing / Seal : Sealed

Sample Received Date: 17-12-2022 Date of Starting of Test : 17-12-2022 Sampling Method : WI/ST/A

: Stack Gas Analysis Date of Completion : 20-12-2022 Sample ID : ETL/001038/22-

Duration Sampling : 30 min Fuel

RESULT TABLE SNO TEST PARAMETER UNIT RESULT **GPCB LIMIT** METHOD REFERENCE Stack Height m 5 2 HCI mg/Nm<sup>3</sup> 2.80 USEPA (Part-0050)

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Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** 

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\*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MOEF & CC \*NASL ACCREDITED CALIBRATION LABORATORY \*QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR \*ISO 9001 : 2015 \*ISO 14001 : 2015 \*ISO 45001 : 2018



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

Test Report

Format No: QR/7.8/01 Test Report No: ETL/008248/22 Issue Date: 24-12-2022

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Phosphoric Acid Recovery Plant

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 16-12-2022 Packing / Seal : Sealed

Sample Received Date : 17-12-2022 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 17-12-2022 Date of Completion : 20-12-2022

Sampling Method : WI/ST/A Sample ID : ETL/008248/22

**Duration Sampling** : 30 min Fuel

.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	
2	HCI	mg/Nm³	2.10	20	USEPA (Part-0050)

RESULT TABLE

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**AUTHORISED SIGNATORY** Chintan Desai (TM)

Note 1: This Report is subject to terms & conditions mentioned overleaf. Note 26 Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

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

\*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MGEF & CC +NABL ACCREDITED CALIBRATION LABORATORY \*CICI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION \*GPCB APPROVED SHCEDULE II AUDITOR \*ISO 9001 : 2015 \* ISO 14001 : 2015 \*ISO 45001 : 2018

ETL222303



Format No: QR/7.8/01

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

## **Environmental Testing Laboratory**

Laboratory: Piot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA.

Lab Ph. : +91-9512874754 E-mail : lab@enuro.co.in



Test Report No: TC588523000000477F Issue Date: 30-01-2023

ULR No : TC588523000000477F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Nikunj Vaghasiya

Date of Sampling : 18-01-2023

Sample Received Date : 19-01-2023 Date of Starting of Test

Sampling Method : WI/ST/A Duration Sampling : 60 min

: 19-01-2023

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion Sample ID

: 23-01-2023 : 0123/ST00477 TC - 5885

Fuel

: NG

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METUOD DEFERENCE
1	Stack Height	m	30	OT OR CIMIT	METHOD REFERENCE
2	Stack Diameter	m	1.00		and the same of the same of
3	Flue Gas Temperature	°C	146		IC 110EE (Ded 2) 0001
4	Velocity	m/s	7.00		IS 11255 (Part-3):2021 IS 11255 (Part-3):2021
	Flow Rate	Nm³/hr	19436	30.75	IS 11255 (Part-3):2021
	Particulate Matter (PM)	mg/Nm³	16.0	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO <sub>2</sub> )	ppm	11.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	18.6	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

3 Details about MU and Decision Rules are available with laboratory and same will be provided upon request. \*\*\* End of Report \*\*\*



## **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@cnpro.co.in



TC - 5885

### Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000478F Issue Date: 30-01-2023 ULR No: TC588523000000478F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad

Description of Sample : Stack attached to D.G Set 320 KVA

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample :1/1 No Date of Sampling : 18-01-2023 Packing / Seal

: Sealed Sample Received Date : 19-01-2023 : Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00478

**Duration Sampling** : 60 min Fuel : Diesel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		METHOD REFERENCE
2	Stack Diameter	m	0.15	Justine Company	
3	Flue Gas Temperature	°C ····	107	100	IS 11255 (Part-3):2021
4	Velocity	m/s	7.60		IS 11255 (Part-3):2021
	Flow Rate	Nm³/hr	609		IS 11255 (Part-3):2008
	Particulate Matter (PM)	mg/Nm³	72.0	150	IS 11255 (Part-1):1985
	Sulphur Dioxide (SO₂)	ppm	22.2	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	16.3	50	IS 11255 (Part-7):2005

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

3.622 Details about MU and Decision Rules are available with laboratory and same will be provided upon request. \*\*\* End of Report \*\*\*

CHECKED BY



Sweety Patel (Dv.TM)

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### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



TC - 5885

### Test Report

Format No : QR/7.8/01 Test Report No: TC588523000000479F Issue Date: 30-01-2023 TC588523000000479F ULR No: Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1/1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 : WI/ST/A Sampling Method Sample ID : 0123/ST00479

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		
2	Stack Diameter	m	0.15	300 - 5	CANAL TOO SEALER
3	Flue Gas Temperature	°C	110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IS 11255 (Part-3):2021
4	Velocity	m/s	8.10		IS 11255 (Part-3):2021
5	Flow Rate	Nm <sup>3</sup> /hr	655	GOLDSTEINE VO	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	80.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	23.5	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	16.4	50	IS 11255 (Part-7):2005

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Page 1 of 1

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Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000480F Issue Date: 30-01-2023 ULR No: TC588523000000480F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to D.G Set 610 KVA

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00480

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

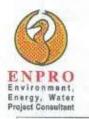
S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		
2	Stack Diameter	m	0.15		
3	Flue Gas Temperature	°C	115	-	IS 11255 (Part-3):2021
4	Velocity	m/s	6.80		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	554	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	73.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	23.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	16.4	50	IS 11255 (Part-7):2005

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### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarut, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000481F Issue Date: 30-01-2023

ULR No : TC588523000000481F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample :1/1 No.

Date of Sampling : 18-01-2023 Packing / Seal : Sealed Sample Received Date : 19-01-2023 : Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00481 **Duration Sampling** : 60 min Fuel : Natural Gas

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
_1	Stack Height	m	30	The beginning and	W = 1.00 = 1
2	Stack Diameter	m	0.60		
3	Flue Gas Temperature	°C	89	9	IS 11255 (Part-3):2021
4	Velocity	m/s	7.00		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	8524	DISTRIBUTE	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	8.5	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO₂)	ppm	7.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	11.9	50	IS 11255 (Part-7):2005

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### Environmental Testing Laboratory

Luboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@engro.co.in



### Test Report

Format No : QR/7.8/01	Test Report No : TC588523000000482F	Issue Date : 30-01-2023	
ULR No: TC588523000000482F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Packing / Seal : Sealed Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00482

Duration Sampling : 60 min Fuel :-

### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		MATHOD NEI ENEROL
2	Sulphur Dioxide (SO₂)	mg/Nm³	8.4	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	12.5	50	IS 11255 (Part-7):2005

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

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### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

## Test Report

Format No: QR/7.8/01 Test Report No: ETL/000429/23-Issue Date: 30-01-2023 ULR No : NA Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-II Reactor Scrubber Description of Sample

Sampling By : Nikuni Vaghasiya

Qtv / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00482

**Duration Sampling** : 60 min Fuel

### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	2.20	20	USEPA (Part-0050)
5	HBr	mg/Nm <sup>a</sup>	BDL	9.0	USEPA (Part-0050)

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

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

**AUTHORISED SIGNATORY** 

Chintan Desai (TM)

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Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000483F Issue Date: 30-01-2023 ULR No: TC5885230000000483F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By : Nikuni Vaqhasiya

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023 Packing / Seal

: Sealed Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00483

Duration Sampling : 60 min Fuel

#### RESULT TABLE

NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	and the state of t	
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	6.7	40	IS 11255 (Part 2):1985

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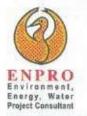
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Chintan Desai (TM)

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### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

### Test Report

Format No: QR/7.8/01 Test Report No: ETL/000430/23-Issue Date: 30-01-2023 ULR No: NA Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By

Sample Received Date : 19-01-2023 Date of Starting of Test : 19-01-2023

Sampling Method Duration Sampling

Date of Sampling

: Nikuni Vaghasiya

: 18-01-2023

: WI/ST/A

: 60 min

Qty / Nos of Sample :1/1 No.

Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis

Date of Completion : 23-01-2023 : 0123/ST00483 Sample ID

Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.50	20	USEPA (Part-0050)

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

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

Page 2 of 2



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000484F Issue Date: 30-01-2023 TC588523000000484F ULR No: Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikunj Vaghasiya

Qty / Nos of Sample :1/1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00484

**Duration Sampling** : 15 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	Company to the company	ALBERT TE TA
2	Ammonia (as NH₃)	mg/Nm <sup>a</sup>	31.5	40	IS 11255 (Part-6):1999 Clause 5

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C.L. parai **AUTHORISED SIGNATORY** 

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

\*\*\* End of Report \*\*\* \*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MIGET & CC \*NABL ACCREDITED CALIBRATION LABORATORY

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Page 1 of 1



### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000485F Issue Date: 30-01-2023 TC588523000000485F ULR No: Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample : 1/1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 19-01-2023

Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00485

Duration Sampling : 15 min Fuel

### **RESULT TABLE**

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	5.7	50	IS 11255 (Part-7):2005

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**AUTHORISED SIGNATORY** Chintan Desai (TM)

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### **Environmental Testing Laboratory**

Laborutory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

### Test Report

Format No : QR/7.8/01 Test Report No : ETL/000648/23- Issue Date : 30-01-2023

ULR No : N.A. Discipline : Chemical Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikuni Vaghasiya

: Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. : 18-01-2023 Packing / Seal

Date of Sampling : 18-01-2023 Packing / Sealed : Sealed Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023

Sampling Method : WI/ST/A Date of Completion : 23-01-2023

Sampling Method : 0123/ST00485

Duration Sampling : 15 min Fuel :-

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.80	20	USEPA (Part-0050)

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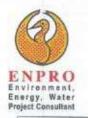
CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

1.1.1991

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

Tetalls about MU and Decision Rules are available with laboratory and same will be provided upon request.



### Environmental Testing Laboratory

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate. Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in



### Test Report

Format No : QR/7.8/01 Test Report No: TC588523000000486F Issue Date: 30-01-2023 ULR No: TC588523000000486F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-III Reactor Scrubber Description of Sample

Sampling By : Nikuni Vaghasiya

Qtv / Nos of Sample :1/1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis Date of Starting of Test : 19-01-2023

Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00486

Duration Sampling : 60 min Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO₂)	mg/Nm³	11.8	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.3	50	IS 11255 (Part-7):2005

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**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

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



### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@enpro.co.in

## Test Report

Format No: QR/7.8/01 Test Report No: ETL/000433/23-Issue Date: 30-01-2023 ULR No: NA Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Block-III Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00486

**Duration Sampling** : 60 min Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	3.80	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9.0	USEPA (Part-0050)

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

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**AUTHORISED SIGNATORY** 

Sweety Patel (Dy.TM)

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### **Environmental Testing Laboratory**

Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230, Gujarat, INDIA. Lab Ph.: +91-9512874754 E-mail: lab@engro.co.in



## Test Report

Format No: QR/7,8/01	Test Report No : TC588523000000487F	Issue Date: 30-01-2023	
ULR No: TC588523000000487F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Date of Sampling : 18-01-2023 Sample Received Date : 19-01-2023

Sample Received Date : 19-01-2023
Date of Starting of Test : 19-01-2023

Sampling Method

Duration Sampling

: WI/ST/A

: 60 min

Qty / Nos of Sample : 1 / 1 No.

Packing / Seal : Sealed
Protocol / Purpose : Stack 0

: Stack Gas Analysis

Date of Completion Sample ID : 23-01-2023 : 0123/ST00487

Fuel

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RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.0	50	IS 11255 (Part-7):2005

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ETL222303

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Date of Sampling

**Duration Sampling** 

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### Test Report

Format No: QR/7.8/01 Test Report No: ETL/000013/23-Issue Date: 30-01-2023 ULR No: N.A Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

: 60 min

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample :1/1 No. : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023

: Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 19-01-2023 Sampling Method : WI/ST/A

Date of Completion : 23-01-2023 Sample ID : 0123/ST00487

Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.60	20	USEPA (Part-0050)

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TC - 5885

### Test Report

Format No: QR/7.8/01 Test Report No: TC588523000000488F Issue Date: 30-01-2023 ULR No: TC588523000000488F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023 Packing / Seal

: Sealed Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : 0123/ST00488

**Duration Sampling** : 15 min Fuel

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		+
2	Ammonia (as NH <sub>0</sub> )	mg/Nm³	21.9	40	IS 11255 (Part-6):1999 Clause 5

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Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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Laboratory: Plot No. D/29/16-17, Road No. 17, Hojiwala Industrial Estate, Sachin Palsana Road, Sachin, Surat- 394 230. Gujarat, INDIA. Lab Ph. : +91-9512874754 E-mail : lab@enpro.co.in

## Test Report

Format No: QR/7.8/01 Test Report No: ETL/000434/23-Issue Date: 30-01-2023 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Qtv / Nos of Sample : 1 / 1 No.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Nikuni Vaghasiya

Date of Sampling : 18-01-2023 Packing / Seal : Sealed

Sample Received Date : 19-01-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023 Sampling Method : WI/ST/A Sample ID : ETL/000434/23-

**Duration Sampling** : 30 min Fuel

### RESULT TABLE

NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	Stack Height	m	5	- T-1	
2	HCI	mg/Nm³	3.10	20	USEPA (Part-0050)

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### Test Report

Format No : QR/7.8/01 Test Report No: ETL/000435/23-Issue Date: 30-01-2023 ULR No: N.A Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Phosphoric Acid Plant

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 18-01-2023

Packing / Seal : Sealed Sample Received Date : 19-01-2023

: Stack Gas Analysis Protocol / Purpose Date of Starting of Test : 19-01-2023 Date of Completion : 23-01-2023

Sampling Method : WI/ST/A Sample ID : ETL/000435/23-

Duration Sampling : 30 min Fuel

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		*
2	HCI	mg/Nm³	2.80	20	USEPA (Part-0050)

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Page 1 of 1

ETL222303



Sampling Method

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



: 0223/ST01412

Format No: QR/7.8/01	Test Report No : TC588523000001412F	Issue Date: 25-02-2023
ULR No: TC588523000001412F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

Description of Sample : Stack attached to Boiler (12 TPH)

: WI/ST/A

Sampling By : Nikuni Vaghasiya

tunj Vaghasiya Qty / Nos of Sample 1 / 1 No.

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Duration Sampling : 60 min Fuel : NG

### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	*
2	Stack Diameter	m	1.00	* '	-
3	Flue Gas Temperature	°C	135		IS 11255 (Part-3):2021
4	Velocity	m/s	7.40		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	19979		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	11.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	8.7	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.7	50	IS 11255 (Part-7):2005

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY
Chintan Desai (TM)

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 \*\*\*



## **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



Format No: QR/7.8/01	Test Report No : TC588523000001413F	Issue Date: 25-02-2023
ULR No: TC588523000001413F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

Description of Sample : Stack attached to D.G Set 320 KVA

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling

: 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023 Sampling Method : WI/ST/A

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11		
2	Stack Diameter	m	0.15	12	12
3	Flue Gas Temperature	°C	95	No. 1	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90		IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	612		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	79.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	30.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	22.4	50	IS 11255 (Part-7):2005

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: 0223/ST01413

Sweety Patel (Dy.TM)

O. P. Desu! **AUTHORISED SIGNATORY** Chintan Desai (TM)

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



## **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 : TC588523000001414F	Issue Date: 25-02-2023
ULR No: TC588523000001414F	Discipline : Chemical	Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date: 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01414

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	) #J	(#)
2	Stack Diameter	m	0.15	-	(100)
3	Flue Gas Temperature	°C	125	280	IS 11255 (Part-3):2021
4	Velocity	m/s	7.50	14.	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	628		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	89.0	150	IS 11255 (Part-1):1985
- 7	Sulphur Dioxide (SO₂)	ppm	35.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	29.0	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

R.Desci) **AUTHORISED SIGNATORY** Chintan Desai (TM)

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



Format No: QR/7.8/01	Test Report No : TC588523000001415F	Issue Date: 25-02-2023
ULR No: TC588523000001415F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to D.G Set 610 KVA

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01415

Duration Sampling : 60 min Fuel : Diesel

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	-	E:
2	Stack Diameter	m	0.15	-	-
3	Flue Gas Temperature	°C	120		IS 11255 (Part-3):2021
4	Velocity	m/s	7.30	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	602	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	79.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO₂)	ppm	26.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.5	50	IS 11255 (Part-7):2005

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Chintan Desai (TM)

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



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



Format No: QR/7.8/01	Test Report No : TC588523000001416F	Issue Date: 25-02-2023	
ULR No : TC588523000001416F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr)

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01416

Duration Sampling : 60 min Fuel : Natural Gas

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	-	=
2	Stack Diameter	m	0.60		
3	Flue Gas Temperature	°C	95		IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	-	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	9750	-	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	10.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	14.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.5	50	IS 11255 (Part-7):2005

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Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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



### **Environmental Testing Laboratory**

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



Format No: QR/7.8/01	Test Report No : TC588523000001417F	Issue Date: 25-02-2023
ULR No: TC588523000001417F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01417

Duration Sampling : 60 min Fuel : --

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		¥:
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	5.9	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	17.2	50	IS 11255 (Part-7):2005

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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

Format No : QR/7.8/01 Test Report No : ETL/000037/23- Issue Date : 25-02-2023

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. 17-02-2023 Packing / Seal : Sealed:

Date of Sampling : 17-02-2023 Packing / Seal : Sealed
Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01417

Duration Sampling : 60 min Fuel :--

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	1.80	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9.0	USEPA (Part-0050)

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

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY
Chintan Desai (TM)

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

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

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Page 2 of 2

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

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



Date of Sampling

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



Format No: QR/7.8/01	Test Report No: TC588523000001418F	Issue Date: 25-02-2023
ULR No: TC588523000001418F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By : Nikuni Vaqhasiya C

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023
Sampling Method : WI/ST/A Sample ID : 0223/ST01418

Duration Sampling : 60 min Fuel :-

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	#1
2	Sulphur Dioxide (SO₂)	mg/Nm³	8.8	40	IS 11255 (Part 2):1985

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY Chintan Desai (TM)

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Date of Sampling

# **ENPRO Enviro Tech and Engineers Pvt. Ltd.**

## **Environmental Testing Laboratory**

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

Format No: QR/7.8/01 Test Report No: ETL/000308/23-Issue Date: 25-02-2023

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address : Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By

: Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01418 Duration Sampling : 60 min Fuel

RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.70	20	USEPA (Part-0050)

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

Sweety Patel (Dy.TM)

C- A. 080° **AUTHORISED SIGNATORY** Chintan Desai (TM)

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QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION -GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR
-ISO 9001: 2015 - ISO 14001: 2015 - ISO 45001: 2019 \*RECOGNIZED ENVIRONMENTAL TESTING LABORATORY UNDER EPA-1986, BY MOEF & CC. \*NABL ACCREDITED CALIBRATION LABORATORY



#### **Environmental Testing Laboratory**

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



Format No: QR/7.8/01	Test Report No : TC588523000001419F	Issue Date: 25-02-2023 Group: Atmospheric Pollution
ULR No: TC588523000001419F	Discipline : Chemical	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By

: Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01419

**Duration Sampling** : 15 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	741	-
2	Ammonia (as NH <sub>2</sub> )	mg/Nm³	26.7	40	IS 11255 (Part-6):1999 Clause 5

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

Sweety Patel (Dy.TM)

C. R. DEGO! **AUTHORISED SIGNATORY** Chintan Desai (TM)

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2

QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR

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#### **Environmental Testing Laboratory**

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



Format No: QR/7.8/01	Test Report No : TC588523000001420F	Issue Date: 25-02-2023	
ULR No: TC588523000001420F	Discipline : Chemical	Group: Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023

Sampling Method : WI/ST/A

Date of Completion : 21-02-2023

Sample ID : 0223/ST01420

Duration Sampling : 15 min Fuel :-

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	11	(2) (4)
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	6.7	50	IS 11255 (Part-7):2005

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Date of Sampling

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

Format No : QR/7.8/01 Test Report No : ETL/000310/23- Issue Date : 25-02-2023

ULR No : N.A. Discipline : Chemical Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. : 17-02-2023 Packing / Seal : Sealed:

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01420

Duration Sampling : 15 min Fuel :--

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.50	20	USEPA (Part-0050)

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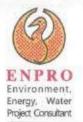
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•QCI-NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR
•ISO 9001 : 2015 •ISO 14001 : 2015 •ISO 45001 : 2018



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



Format No: QR/7.8/01	Test Report No: TC588523000001421F	Issue Date: 25-02-2023	
ULR No: TC588523000001421F	Discipline : Chemical	Group: Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Nikunj Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. Packing / Sealed : Sealed

Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01421

Duration Sampling : 60 min Fuel :--

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	#1	= = = = = = = = = = = = = = = = = = = =
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	8.8	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	13.3	50	IS 11255 (Part-7):2005

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Date of Sampling

# ENPRO Enviro Tech and Engineers Pvt. Ltd.

#### **Environmental Testing Laboratory**

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

Format No: QR/7.8/01 Test Report No: ETL/000311/23-Issue Date: 25-02-2023

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Qty / Nos of Sample : 1 / 1 No. : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023 Sampling Method : WI/ST/A

**Duration Sampling** : 60 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	4.50	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9.0	USEPA (Part-0050)

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

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

: 0223/ST01421

Sweety Patel (Dv.TM)

A. Desa. **AUTHORISED SIGNATORY** Chintan Desai (TM)

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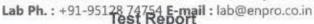
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Format No: QR/7.8/01	Test Report No : TC588523000001422F	Issue Date: 25-02-2023	
ULR No: TC588523000001422F Discipline: Chemical		Group: Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By

: Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. : 17-02-2023

Date of Sampling Packing / Seal : Sealed Sample Received Date: 18-02-2023

Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01422

**Duration Sampling** : 60 min Fuel . ...

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	10.6	50	IS 11255 (Part-7):2005

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C. R. Deso **AUTHORISED SIGNATORY** Chintan Desai (TM)

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

Format No : QR/7.8/01 Test Report No : ETL/001071/23- Issue Date : 25-02-2023

ULR No : N.A. Discipline : Chemical Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By ; Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 17-02-2023 Packing / Seal : Sealed Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Ga

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01422

Duration Sampling : 60 min Fuel :-

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.90	20	USEPA (Part-0050)

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



Format No: QR/7.8/01	Test Report No : TC588523000001423F	Issue Date: 25-02-2023
ULR No: TC588523000001423F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Nikuni Vaghasiya

Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No. 17-02-2023 Packing / Seal : Sealed

Date of Sampling : 17-02-2023 Packing / Seal : Sealed Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gr

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : 0223/ST01423

Duration Sampling : 15 min Fuel :-

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	-	-
2	Ammonia (as NH₃)	mg/Nm³	19.5	40	IS 11255 (Part-6):1999 Clause 5

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

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AUTHORISED SIGNATORY
Chintan Desai (TM)

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



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Format No : QR/7.8/01 Test Report No : ETL/000313/23- Issue Date : 25-02-2023

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Nikunj Vaghasiya Qty / Nos of Sample : 1 / 1 No.
Date of Sampling : 17-02-2023 Packing / Seal : Sealed

Sample Received Date : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 18-02-2023 Protocol / Purpose : Stack Gas Analysis

Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : ETL/000313/23-Duration Sampling : 30 min Fuel :-

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		750
2	HCI	mg/Nm³	2.60	20	USEPA (Part-0050)

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

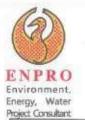
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Note 2: Details about MU and Decision Rules are available with laboratory and same will be provided upon request.

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

End of Report



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

Format No: QR/7.8/01 Test Report No: ETL/001073/23-Issue Date: 25-02-2023 ULR No: N.A. Discipline: Chemical

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Phosphoric Acid Plant

Sampling By : Nikuni Vaghasiya Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 17-02-2023 Packing / Seal

Sample Received Date : 18-02-2023 : Stack Gas Analysis Protocol / Purpose

Date of Starting of Test : 18-02-2023 Date of Completion : 21-02-2023

Sampling Method : WI/ST/A Sample ID : ETL/001073/23-**Duration Sampling** 

: 30 min

#### RESULT TABLE

Fuel

NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		The state of the s
2	HCI	mg/Nm³	3.20	20	USEPA (Part-0050)

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

Sweety Patel (Dy.TM)

P. DGai **AUTHORISED SIGNATORY** Chintan Desai (TM)

Group: Atmospheric Pollution

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

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



Format No: QR/7.8/01		Test Report No : TC588523000002523F	Issue Date: 31-03-2023
ULR No : TO	588523000002523F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Boiler (12 TPH)

Sampling By : Prashant Patel

Prashant Patel Qty / Nos of Sample : 1 / 1 No.

Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023
Sampling Method : WI/ST/A Sample ID : 0323/ST02523

Duration Sampling : 60 min Fuel : NG

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30	17/2/21	
2	Stack Diameter	m	1.00		A DECEMBER OF THE STATE OF THE
3	Flue Gas Temperature	°C	142		IS 11255 (Part-3):2021
4	Velocity	m/s	7.70	747	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	20983	a Marchael and	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm <sup>2</sup>	14.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	5.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	11.0	50	IS 11255 (Part-7):2005

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

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

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Page 1 of 1

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•OCL NABET ACCREDITED EIA CONSULTANT ORGANIZATION •GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR
•ISO 9001 : 2015 • ISO 14001 : 2015 •ISO 45001 : 2018



Date of Sampling

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



TC - 5885

Format No: QR/7.8/01	Test Report No: TC588523000002524F	Issue Date: 31-03-2023

ULR No: TC588523000002524F Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to D.G Set 320 KVA Description of Sample

Sampling By : Prashant Patel Qty / Nos of Sample :1/1 No.

> : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : Stack Gas Analysis : 24-03-2023 Protocol / Purpose

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

Sampling Method : WI/ST/A : 0323/ST02524 Sample ID **Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	A DECEMBER 1	7
2	Stack Diameter	m	0.15	(0/+)	THE RESERVE
3	Flue Gas Temperature	"C	102	100	IS 11255 (Part-3):2021
4	Velocity	m/s	8.40	7.5	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	662		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	75.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	25.1	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	19.3	50	IS 11255 (Part-7):2005

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Date of Sampling

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Test Report

Format No: QR/7.8/01	Test Report No : TC588523000002525F	issue Date: 31-03-2023
ULR No : TC588523000002525F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Qty / Nos of Sample

: 1/1 No.

Description of Sample : Stack attached to D.G Set 625 KVA

Sampling By : Prashant Patel

: 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023 Sampling Method : WI/ST/A Sample ID : 0323/ST02525

**Duration Sampling** : 60 min Fuel : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	SHOW AND A TANK	
2	Stack Diameter	m	0.15		
3	Flue Gas Temperature	°C	119	2 2 7	IS 11255 (Part-3):2021
4	Velocity	m/s	7.90	Commence of the second	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	691		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	86.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	30.6	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	23.1	50	IS 11255 (Part-7):2005

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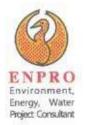
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Lab Ph.: +91-95128 74754 E-mail: lab@enpro.co.in



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Format No: QR/7.8/01	Test Report No: TC588523000002526F	Issue Date: 31-03-2023
ULR No: TC588523000002526F	Discipline : Chemical	Group : Atmospheric Pollution

Aarti Pharmalabs Limited Customer's Name & Address:

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

.: Stack attached to D.G Set 610 KVA Description of Sample

Qty / Nos of Sample Sampling By : Prashant Patel

: Sealed Date of Sampling : 23-03-2023 Packing / Seal

Protocol / Purpose : Stack Gas Analysis Sample Received Date : 24-03-2023

Date of Completion : 27-03-2023 Date of Starting of Test : 24-03-2023

: WI/ST/A Sample ID : 0323/ST02526 Sampling Method

Fuel **Duration Sampling** : 60 min : Diesel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	11	Company of the last	110
2	Stack Diameter	m	0.15		
3	Flue Gas Temperature	°C .	117		IS 11255 (Part-3):2021
4	Velocity	m/s	7.70	1.05	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	633	0F2	IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	70.0	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	20.3	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	13.5	50	IS 11255 (Part-7):2005

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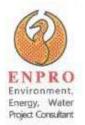
: 1/1 No.

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Format No: QR/7.8/01	Test Report No : TC588523000002527F	Issue Date: 31-03-2023

TC588523000002527F Discipline: Chemical Group: Atmospheric Pollution ULR No:

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

: Stack attached to Thermopack-1 & 2 (2 Lakh Kcal/hr) Description of Sample

Qty / Nos of Sample : 1 / 1 No. Sampling By : Prashant Patel

Packing / Seal Date of Sampling : 23-03-2023 : Sealed

Protocol / Purpose : Stack Gas Analysis Sample Received Date : 24-03-2023

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

: 0323/ST02527 : WI/ST/A Sample ID Sampling Method

Fuel **Duration Sampling** : 60 min : Natural Gas

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	30		67/1
2	Stack Diameter	m	0.60	No. 18 - Tri Val	
3	Flue Gas Temperature	°C	- 81		IS 11255 (Part-3):2021
4	Velocity	m/s	7.30	Burn Stanffel of	IS 11255 (Part-3):2021
5	Flow Rate	Nm³/hr	8728		IS 11255 (Part-3):2008
6	Particulate Matter (PM)	mg/Nm³	13.1	150	IS 11255 (Part-1):1985
7	Sulphur Dioxide (SO <sub>2</sub> )	ppm	9.8	100	IS 11255 (Part-2):1985
8	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	15.0	50	IS 11255 (Part-7):2005

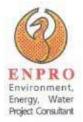
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Lab Ph.: +91-95128 74754 E-mail: lab@enpro.co.in Test Report



Format N	o: QR/7.8/01	Test Report No : TC588523000002528F	Issue Date: 31-03-2023
ULR No :	TC588523000002528F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad Description of Sample

: Stack attached to Block-II Reactor Scrubber

Qty / Nos of Sample : 1 / 1 No. Sampling By : Prashant Patel : 23-03-2023 Packing / Seal Date of Sampling : Sealed

Protocol / Purpose : Stack Gas Analysis Sample Received Date : 24-03-2023

Date of Completion : 27-03-2023 Date of Starting of Test : 24-03-2023

: WI/ST/A : 0323/ST02528 Sampling Method Sample ID

**Duration Sampling** : 60 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	No. of Participants	
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	7.7	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	12.3	50	IS 11255 (Part-7):2005

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

Format No: QR/7.8/01 Test Report No: ETL/001847/23-Issue Date: 31-03-2023 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample ': Stack attached to Block-II Reactor Scrubber

Sampling By

: Prashant Patel

Qtv / Nos of Sample

: 1/1 No.

Date of Sampling

: 23-03-2023

Packing / Seal

: Sealed

Sample Received Date : 24-03-2023

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 24-03-2023

Date of Completion

: 27-03-2023

Sampling Method

: WI/ST/A

Sample ID

: 0323/ST02528

Duration Sampling

: 60 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	2.50	20	USEPA (Part-0050)
5	HBr	mg/Nm <sup>3</sup>	BDL	9.0	USEPA (Part-0050)

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

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a. R. DUSI

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Page 2 of 2

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



Test Report

Format No: QR/7.8/01	Test Report No : TC588523000002529F	Issue Date: 31-03-2023
ULR No: TC588523000002529F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-IV Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Protocol / Purpose : Stack Gas Analysis Sample Received Date : 24-03-2023

Date of Completion : 27-03-2023 Date of Starting of Test : 24-03-2023 : 0323/ST02529 : WI/ST/A Sample ID Sampling Method

Fuel Duration Sampling : 60 min

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		SS DULYDELL OF
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	10.5	40	IS 11255 (Part 2):1985

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Sweety Patel (Dy.TM)

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Test Report

Format No: QR/7.8/01. Test Report No: ETL/001848/23-Issue Date: 31-03-2023 Group: Atmospheric Pollution ULR No: N.A. Discipline: Chemical

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad

: Stack attached to Block-IV Reactor Scrubber Description of Sample

Sampling By

: Prashant Patel

: 23-03-2023

Sample Received Date : 24-03-2023

Date of Starting of Test Sampling Method **Duration Sampling** 

Date of Sampling

: 24-03-2023 : WI/ST/A : 60 min

Qtv / Nos of Sample : 1 / 1 No.

Packing / Seal

: Sealed : Stack Gas Analysis Protocol / Purpose

Date of Completion : 27-03-2023

1 --

Sample ID

: 0323/ST02529

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	2.20	20	USEPA (Part-0050)

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Test Report

Format No	: QR/7.8/01	Test Report No : TC588523000002530F	Issue Date: 31-03-2023
ULR No :	TC588523000002530F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Qty / Nos of Sample : 1 / 1 No.

: Stack attached to Block-V Reactor Scrubber Description of Sample

Sampling By : Prashant Patel

Date of Sampling

: 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

: WI/ST/A : 0323/ST02530 Sampling Method Sample ID

**Duration Sampling** Fuel : 15 min

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	. 5	9.7	The second secon
2	Ammonia (as NH₃)	mg/Nm³	29.3	40	IS 11255 (Part-6):1999 Clause 5

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

Sweety Patel (Dy.TM)

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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\*ISO 9001: 2015

ETL222304



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Test Report

Format No: QR/7.8/01	Test Report No : TC588523000002531F	Issue Date: 31-03-2023
ULR No: TC588523000002531F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Vaisad

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By : Prashant Patel Qty / Nos of Sample

Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

Sampling Method : WI/ST/A Sample ID : 0323/ST02531

Duration Sampling : 15 min Fuel :-

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	- 12-4 TO -	-
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	8.4	50	IS 11255 (Part-7):2005

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: 1/1 No.

CHECKED BY
Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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

Format No: OR/7.8/01 Test Report No: ETL/000597/23-Issue Date: 31-03-2023

ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-V Reactor Scrubber

Sampling By

: Prashant Patel

Sample Received Date : 24-03-2023 Date of Starting of Test : 24-03-2023

Sampling Method

**Duration Sampling** 

Date of Sampling

: WI/ST/A : 15 min

: 23-03-2023

Qty / Nos of Sample : 1 / 1 No. Packing / Seal

: Sealed

Protocol / Purpose : Stack Gas Analysis Date of Completion

: 27-03-2023

Fuel

Sample ID

: 0323/ST02531

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	3.90	- 20	USEPA (Part-0050)

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Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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

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



Format No: QR/7.8/01	Test Report No : TC588523000002532F	Issue Date: 31-03-2023
ULR No: TC588523000002532F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: **Aarti Pharmalabs Limited** 

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample :1/1 No. Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023 Sampling Method : WI/ST/A Sample ID : 0323/ST02532

**Duration Sampling** : 60 min Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
-1	Stack Height	m	5	-	-
2	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm³	6.2	40	IS 11255 (Part 2):1985
3	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	17.5	50	IS 11255 (Part-7):2005

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

C. d. Dayal

**AUTHORISED SIGNATORY** Chintan Desai (TM)

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

Page 1 of 2



#### **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/000598/23-Issue Date: 31-03-2023 ULR No: N.A. Discipline: Chemical Group: Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-III Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1 / 1 No. Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

Sampling Method : WI/ST/A Sample ID : 0323/ST02532

**Duration Sampling** : 60 min Fuel

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
4	HCI	mg/Nm³	4.00	20	USEPA (Part-0050)
5	HBr	mg/Nm³	BDL	9.0	USEPA (Part-0050)

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

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

Page 2 of 2



#### **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 : TC588523000002533F	Issue Date: 31-03-2023	
ULR No: TC588523000002533F	Discipline : Chemical	Group : Atmospheric Pollution	

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Sample ID

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Prashant Patel

Qty / Nos of Sample : 1/1 No. : 23-03-2023 Packing / Seal

Date of Sampling : Sealed Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023 Sampling Method : WI/ST/A : 0323/ST02533

Duration Sampling : 60 min Fuel

#### RESULT TABLE

s.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	712	-
2	Oxides of Nitrogen (as NO <sub>2</sub> )	ppm	8.8	50	IS 11255 (Part-7):2005

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

Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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



#### **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/000599/23- Issue Date : 31-03-2023

ULR No : N.A. Discipline : Chemical Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Qty / Nos of Sample

: 1/1 No.

Description of Sample : Stack attached to Block-VI Reactor Scrubber

Sampling By : Prashant Patel

Date of Sampling : 23-03-2023 Packing / Seal : Sealed

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis

Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023 Sampling Method : WI/ST/A Sample ID : 0323/ST02533

Duration Sampling : 60 min Fuel :--

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
3	HCI	mg/Nm³	4.00	20	USEPA (Part-0050)

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

CHECKED BY Sweety Patel (Dy.TM) AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

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

Page 2 of 2



#### **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 : TC588523000002534F	Issue Date : 31-03-2023
ULR No: TC588523000002534F	Discipline : Chemical	Group : Atmospheric Pollution

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Block-II Reactor Scrubber

Sampling By : Prashant Patel

Prashant Patel Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed:

Date of Sampling : 23-03-2023 Packing / Seal : Sealed
Sample Received Date : 24-03-2023 Protocol / Purpose : Stack G

Sample Received Date : 24-03-2023 Protocol / Purpose : Stack Gas Analysis
Date of Starting of Test : 24-03-2023 Date of Completion : 27-03-2023

Sampling Method : WI/ST/A Sample ID : 0323/ST02534

Duration Sampling : 15 min Fuel :-

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5		
2	Ammonia (as NH <sub>3</sub> )	mg/Nm³	15.9	40	IS 11255 (Part-6):1999 Clause 5

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

CHECKED BY Sweety Patel (Dy.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

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

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

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



#### **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/000601/23-Issue Date: 31-03-2023 ULR No: N.A. Discipline: Chemical

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to Pilot Plant Scrubber

Sampling By : Prashant Patel

Sample Received Date : 24-03-2023

: 23-03-2023

Qty / Nos of Sample : 1 / 1 No. Packing / Seal : Sealed

Protocol / Purpose

: Stack Gas Analysis

Date of Starting of Test : 24-03-2023 : WI/ST/A

Date of Completion Sample ID

: ETL/000601/23-

: 27-03-2023

Group: Atmospheric Pollution

Duration Sampling : 30 min

Date of Sampling

Sampling Method

Fuel

#### **RESULT TABLE**

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	. 5		FOR THE PARTY OF T
2	HCI	mg/Nm³	2.90	20	USEPA (Part-0050)

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

CHECKED BY Sweety Patel (Dv.TM)

AUTHORISED SIGNATORY Chintan Desai (TM)

C. 2.0401

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 QC NABET ACCREDITED EIA CONSULTANT ORGANIZATION GPCB APPROVED SHCEDULE II ENVIRONMENTAL AUDITOR • ISO 14001 : 2015 \*ISO 45001: 2018 \*ISO 9001 : 2015



#### **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/000602/23-	Issue Date : 31-03-2023
ULR No : N.A.	Discipline : Chemical	Group : Atmospheric Pollu

Discipline: Chemical

Customer's Name & Address: Aarti Pharmalabs Limited

Plot No.-22/C-1 & 22/C/2, Phase-I, GIDC Estate, Vapi- 396195, Dist. - Valsad.

Description of Sample : Stack attached to phosphoric Acid Plant

Sampling By

: Prashant Patel

Qty / Nos of Sample : 1 / 1 No.

Group: Atmospheric Pollution

Date of Sampling

: 23-03-2023

Packing / Seal

: Sealed

Sample Received Date : 24-03-2023

Date of Starting of Test : 24-03-2023

Protocol / Purpose

: Stack Gas Analysis

Sampling Method

: WI/ST/A

Date of Completion Sample ID

: 27-03-2023 : ETL/000602/23-

Duration Sampling

: 30 min

Fuel

#### RESULT TABLE

S.NO.	TEST PARAMETER	UNIT	RESULT	GPCB LIMIT	METHOD REFERENCE
1	Stack Height	m	5	- 2	-
2	HCI	mg/Nm³	2.40	20	USEPA (Part-0050)

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

Sweety Patel (Dy.TM)

· 1.000 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 \*\*\*

# Annexure-X Medical Examination Report

# Dr. AGRAWAL DIAGNOSTIC CENTRE ALAKNANDA BUILDING D-3/304, LOEGRAN, Kalvan (E) -421306, (Thans-M.S)

ALAKNANDA BUILDING D-3/304, LOKGRAM, Kalyan (E) -421306. [Thane-M.S] AARTI PHARMALABS LTD (CSD) COMPANY : DATE : 29\12\2022 PHASE-I (VAPI) CODE : 55004677 QC PINKESHEUMAR UTTAMBHATAGETEL 40 yrs. 271 ESIGHT : 173 c.m. SEI : WEIGHT: 74 kg. Present Complaints: No complaints. Past History Non significant. Personal History Non significant. Family History : Non significant. GENERAL EXAMINATION :Afebrile Pulse : 100/min Regular BP:130/80 mm of Hg. Pallor, Teterus, Cyanosis, Clubbing : No CARDIO VASCULAR SYSTEM : NAD (No abnormality is detected) RESPIRATORY SYSTEM NAD ŧ ABDOMEN NAD Liver/Spleen/Kidney/Other palpable Mass/Any Tenderness : MAD NAD Orientation to time/ Place /Person, /Cerebellar sign/Others : NAD NAD EYES-"VISION TESTING" Vision Near Far Right иа 616 GLASSES Ħ Left MS 616 GLASSES n Colour Vision : Acceptable E.N.T. MAD

Nil

OTHER PINDINGS :

### Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

NAME PINKESHKUMAR UTTANBHAI PATEL NO , 271

#### LABORATORY INVESTIGATIONS

HAENATOLOGY 1 PATIENT	NORMAL RANGE				
Total RBC Count	: 5.00	millions Thousand LACS	4 to 5 millions. 4 to 10 Thousand. 1.5 to 4.5 LACS.		
Total WBC Count	: 7.300				
Total PLATELET	2 2.68				
Haemoglobin	:16.80	gun. %	14 to 16 gm% [M]		
			12 to 14 gm% [F]		
Differential Coun	t				
Neutrophils	:55 %		45 to 65 %		
Lymphocytes	:38 %		30 to 45 %		
Monocytes	:3 %		01 to 04 %		
Eosinophils	:4 %		1 to 3 %		
Basophils	+0 €		0 to 1 %		
ESR	:06 mm	+	0 to 10 mm Male		
( Western Green Me	athod )		0 to 20 mm Female		
BLOOD SUGAR	(GOD-POD)				
RANDOM SAMPLE	: 75 mg%	(Normal Range:	: 70 - 160 mg %)		
_	0.77 mg/dl	_	0.6 To 1.4 mg/dl)		
SGPT Test	: 30 IU/ml	(Normal Range	: 5 to 35 IV/m1 )		
BLOOD GROUP	B+		-		
EXT TEST\COMMENT	No.				

EXT TEST\COMMENT : No

#### URINE EXAMINATION :

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

#### CHEMICAL EXAMINATION

Albumin : Absent Bile Salt : Absent Sugar :Trace Bile Pigment : Absent Acetone : No. Occult blood : Absent

#### MICROSCOPIC BYAMINATION

Bpithelial Cells : Absent Bacteria : Absent Cast ; Absent RBC : Absent Crystals : Absent Pus Cells : Absent Other Findings : Nil

# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALAES LTD (CSD)

NAME : PINKESHKUMAR UTTAMBHAI PATEL SR. NO : 271 N-RAY CHEST (DIGITAL) : No abnormality is detected. 02 SATURATION (SPO2) : 98 % ( NORMAL-MORE THAN 95%) AUDIOMETRY Preq.KHZ .25 .50 1 1.5 2 3 4 8 Right (DB): 25 20 25 30 25 20 30 45

25

DIAGNOSIS

: Nad

20

25

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

20

20

25

30

35

TREATMENT ADVICED

Laft (DB): 20

: Nil

DE, RAMESH H. AGRAWAL (Industrial Physician.) MBBS, DIH, AFIE. Reg. No. MMC/61016. Reg. No. AFIH/0292.

(CHNTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

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

COMPANY: AARTI PHARMALABS LTD (CSD) DATE: 29\12\2022 PHASE-I (VAPI) CODE : 56000319 RM STORES PAYEL NITIN BALUBHAT AGE : 30 yrs. RO KEIGHT : 170 c.m. 238 SEX : H WEIGHT: 52 kg. Present Complaints: No complaints. Past Eistory Mon significant. Personal History ; Mon significant. Family History : Non significant. GENERAL EXAMINATION : :Afebrile Pulse: 90 /min Regular BP:126/80 mm of Hg. Pallor, Icterus, Cyanosis, Clubbing : No CARDIO VASCULAR SYSTEM : NAD (No abnormality is detected) RESPIRATORY SYSTEM NAD ABDOMEN MAD Liver/Spleen/Kidney/Other palpable Mass/Any Tenderness : NAD NAD Orientation to time/ Place /Person, /Cerebellar sign/Others : NAD Skin NAD EYES-"VISION TESTING" Vision Near Par Right 814 6\6 GLASSES N Left 148 6\6 CLASSES N Colour Vision : Acceptable E.N.T. NAD OTHER FINDINGS : Mil

# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD) PATEL NITIN BALUBHAI NO : 238 LABORATORY INVESTIGATIONS HARMATOLOGY , PATIENT'S VALUE : NORMAL RANGE Total RBC Count : 5.00 millions 4 to 5 millions. Total WBC Count : 9,300 Thousand 4 to 10 Thousand. Total PLATELET : 2.95 LACS 1.5 to 4.5 LACS. Haemoglobin :15.40 gran & 14 to 16 gm % [N] to 14 gm% (P) 12 Differential Count Neutrophile 159 45 to 65 % Lymphocytes :34 30 to 45 Monocytes :3 8 01 to 04 ٩ **E**osinophils 14 Ą, I to 3 Basophile : 0 £ 0 to 1 \* RSR :08 THE . 0 to 10 mm. - Male [ Western Green Method ] 0 to 20 mm. - Pemale BLOOD SUGAR t (GOD-POD) RANDOM SAMPLE : 81 mg% (Normal Range: 70 - 160 mg %) Sr creatine : 0.90 mg/dl (Normal Range: 0.6 To 1.4 mg/dl) SCPT Test : 23 IU/ml (Normal Range : 5 to 35 10/ml ) BLOOD GROUP B4 EXT TRST\COMMENT :  $N \circ$ URINE EXAMINATION : PHYSICAL EXAMINATION : Quantity : 15 c.c. Deposit t No. Colour Pale Reaction \* acidic Appearance : Clear Specific Gravity: 1.014 CHEMICAL EXAMINATION Albumin : Absent Bile Salt : Absent Sugar :Absent Bile Pigment : Absent Acetone t No. Occult blood : Absent MICROSCOPIC EXAMINATION Epithelial Cells , Absent Bacteria : 2-3 Cast : Absent RBC : Absent Crystals : Absent Pus Cells : Absent Other Findings : Nil

# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : AARTI PHARMALABS LTD (CSD)

HAME : PATE		S BYTO	BHYI		£	R. NO :	238		
X-RAY CHEST	(DIGIT	AL) :	No abno	ormality	is det	ected.			
02 SATURATIO	N (SPO	2) ;	99 %1	NORMAL-	HORE TH	AN 95%)			
AUDIONETRY		ŧ							
Frag.KHZ	.25	. 50	1	1.5	2	3	4	6	е
Right (DB);	35	30	25	30	25	30	35	45	45
Left (DB):	35	30	30	25	30	25	35	40	30

DIAGNOSIS

: Nad

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

TREATMENT ADVICED

: Nil

DR. RAMESH H. AGRAWAL (Industrial Physician.) MBBS, DIH, AFIR. Reg. No . MMC/61016. Reg.No.AFIH/0292.

(CENTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

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

COMPANY : AARTI PHARMALABS LTD (CSD) DATE : 29\12\2022 PHASE-I (VAPI) CODE : 55003171 MAINT NAME :AJIT BRAGAWAN POL AGE : 33 yrs. MO 196 HEIGHT : 169 c.m. SET : WEIGHT: 71 kg. Present Complaints: No complaints. Past History Non significant. Personal History : Non significant. Pamily History: Non significant. GENERAL EXAMINATION : Temp :Afebrile Pulse: 100/min Regular BP:120\80 mm of Hg. Pallor, Toterus, Cyanosis, Clubbing : No CARDIO VASCULAR SYSTEM : MAD (No abnormality is detected) RESPIRATORY SYSTEM NAD ABDOMEN NAD Liver/Spleen/Eidney/Other palpable Hass/Any Tenderness : HAD MAD Orientation to time/ Place /Person, /Cerebellar sign/Others : NAD Skin MAD BYES-"VISION TESTING" Vision Mear Fat Right NB 616 GLASSES Left MB 6/6 GLASSES N Colour Vision : Acceptable E.N.T. ٠ MAD OTHER FINDINGS : Nil

# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME: AARTI PHARMALABS LTD (CSD) NAME . BITT BRACKWAN POL

	MOTI BENGAMAN FOL	NO : 196
88		
	LABORATORY INVESTIGATIO	ns
HARMATOLOGY	•	

HAEMATOLOGY :	LABORS	TORY INVESTIGA	ATIONS
	S VALUE :		NORMAL RANGE
Total RBC Count Total WBC Count Total PLATELET Heemoglobin	: 4.78 : 7.700 : 2.94 :14.30	millions Thousand LACS gm %	4 to 5 millions. 4 to 10 Thousand. 1.5 to 4.5 LACS. 14 to 16 gm% [H] 12 to 14 gm% [F]
Differential Count			
Neutrophils	:51 %		45 to 65 %
Lymphocytes	:42 %		30 to 45 %
Monocytes	13 %		01 to 04 %
Eosinophils	:4 %		1 to 3 %
Basophils	÷ 0 %		0 to 1 %
BSR	:10 nm		0 to 10 mm Male
Western Grean Ne		•	0 to 10 mm Malq 0 to 20 mm Female
BLOOD SUGAE :	1		
RANDOM SAMPLE :	79 mg%	(Normal Rang	e: 70 - 160 mg %}
	0.81 mg/dl	(Normal Range	: 0.6 To 1.4 mg/dl)
SGPT Test :	30 IU/ml	(Normal Range	: 5 to 35 IU/ml }
BLOOD GROUP :	A+		

RANDOM SAMPLE	: 79 mg%	(Normal Range: 70 - 160 mg %)
Sr_creatine SGPT Test	: 0.81 mg/dl : 30 IU/ml	(Normal Range: 0.6 To 1.4 mg/dl) (Normal Range: 5 to 35 IU/ml)
BLOOD GROUP	: A+	

EXT\_TEST\COMMENT : No

#### URINE EXAMINATION :

PHYSICAL EXAMINATION : Quantity : 15 c.c. Deposit Reaction : No. Colour : Pale : acidic Appearance : Clear Specific Gravity: 1.012

CHEMICAL BYAMINATION Albumin , Absent Bile Salt ; Absent Bugar :Absent Bile Pigment : Absent Acetone : No . Occult blood : Absent

MICROSCOPIC EXAMINATION Epithelial Cells : Absent Bacteria : Absent Cast 1 Absent Crystals : Absent RBC : Absent Pus Cells : Absent Other Findings : Wil

# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : ARETI PHARMALABS LTD (CSD)

NAME : AJIT BRAGAWAN POL

SR. NO :

196

X-RAY CHEST (DIGITAL) :

No abnormality is detected.

02 SATURATION (SPO2) : 99 % ( NORMAL-MORE THAN 95%)

AUDIOMETRY

Prog. KHZ . 25 .50 1 1.5 2 3 6 В Right (DB), 20 25 25 20 25 25 20 15 30 Left (DB): 25 25 20 25 25 25 20 20 30

DIAGNOSIS

: Nad

(Person is free from Tuberculosis, skin and other communicable\contagious\obnoxious diseases.)

TREATMENT ADVICED

4 Nil

DR. RAMEST H. AGRANAL (Industrial Physician.) MBBS, DIH, APIH. Reg.No.MNC/61016. Reg.No.AFIB/0292.

(CENTRAL GOVERNMENT APPROVED INDUSTRIAL PHYSICIAN)

# Annexure-XI EC Advertisement Copy

all within two months.

Patil has a collection of about \$,500 toys dating from Harappan civilization to Gupta period, Mughals and then the Maratha regime. "I

sechnehad studilogy of ed the scithe toys ence and of every een and learnt they how changed over the conturies.

It came in ban-

dy

gave basic lessons of mechanism to kids. Like toys with wheels or a rope that, when pulled, made an animal's tall or nack bob. The toys with Jigsaw parries honed the thinking skills of kids," he

My alm was to make eco-Driendly toys that don't harm the kids as well as the envirooment. I plan to exhibit these toys in the coming months and would encours go parents to go for eco-frientity toys for their kids." he, added.

to 6 having cornel point solet. SigNot, 16-3,000 No.2. 1. 16-0,044 Sq.R.175-43, Shop No. 10 hours; carolit area ong curpet inter adm. 5g Mrs. 19-551 6ig #270-41, filmin St. R. 125-64, Aggregate were about Signets. 209-501. building known as Tristiul situation on land silmer, tilg yth. ogarrgs Park of Revenue Sarvey No.45 Fature of Village Outerel. Soundaine of Stop No.5; North - Step No.2 extense of Deep No.2: North - Shop No.3: South - Shop y of Stop No.3: North - Shop No.4: 6.6; South - Shop of Shop No.5: North - Poset, South - Shop No.3: Heat ha fi. fixed:- Road, Beath - Stop No.2; Earl - Eleo No.5. to - Placed, Gouth - Silvery No. 16, East - Group No. 6, Want or, Booth - Shop No. 10, East - Diop No. 7, West - Shop 9.4% - Shop No. YJ. Fand - Shop Skild. West - Framege. Louty-Stop No. 11, East, Show No. 1, Ward - Nameson lauft - Shou No.12, East - Shop No.2, West - Pennige un -Obers Property, faet-Shapire; 1. Wett-Farmign

#### FART: 2

Services Belofiers Company, U-15, Fair Floir Foots Complex Harber Chools, Martin George St., St. Mr. Marchine September George No. 10, 10 and No. 40, Marchine (COL Ligat Papped, Germannen, 15) Nei Pang Road, Hapan (HDDD), Ne. 2) Wrs. Bangilla or Mindratal Goodalya, No. 1, Street No. 6), Manuscom Digitor, Min Yash Compiles, chipmen, 15) Sed Ying Hood, Raylot - 265 007, No.4) Mrs. Overbee Proful Giondaliya, pat No. 43, Malvinson Digities, SA Year Commer, Nave Ramagh Chowlell, Opp. Light Pappall.

(Rupees Dee Gross Thirty Seven Lairh Eighty Seven Thousand Tere Numbed and whereat, to be sharped from 18-86-2021 place office experience, very other class to the Blank

rromovable Properties in to our Bank	Reserve Price	Date & Time of Justime
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Mr. Rajpehkumar Manotchal Gerodetzel of or and other. Sq. Ms. 41-86, Sq. Viz. 30-00 of Out-Prof  a sc Architect Statistics of State of the Sant State No. 1011 Parker 3 of Village Pipellys (pel), Tel. Lactine. Socth Terrament No. A405. Many benefits if 15-73 Ms.  Chromoto P. 13-72 Ms. Well is converse. East - 7-50 Ms.  - Rush-Pipellys (A40: 651. Many, Sawatta 8.2-05 Ms.	₹ 4,00,000/- (Rupers Fear Lakhi (Deay)	05-08-2021 at 02:80 p.m.

Sank Literard, Rejkot Branck, Ground Fixor, Verkeresh Place. Opp. Rajecond College. 260 DOS: Telephone No.0001-2483010.0483011. Cell line SENEXTHION.

serson for the section and published personally and give a declaration in writing to the 1 The intenting biddees may obtain the Tenthir Forms from The Manager, City Union Bank. mit Place, Opp. Rejtamor College, Dr.Rachalerinhrum Road, Rajkol - 360 001. (3) Trethe Tender Form prescribed in seated envelopes addressed to The Authorised Officer Semand Draft for an EMD of 10% or the Placerve Price, down in factor of "City Union Blank 8 on or feture 01.00 p.m. for PART - 2; (4) For terpection of the property and other Telephone No.0281-24839162481811, Cell No. 8375319866, (S) The properties are happyon-there in fusion, 65 The second Territors will be opposed in the presenter of the & 42.00 p.m. for PART - 2 properties on the date of Territor com-Austica See Ferritor of closed Tenders, the Authorised Officer may, at his rack discretion, conduct an open auction or a had higher from the new recovers in the closed Service process, and in worth or water, a highest set. The sale, forever, is subject to confirmation of City Union Bank Limited. actuative of EWD paids of sale amount immediately on completion of sale and the believe performation of sales, failing which the install impaniful 25% used be forward, (8) The finds flavour of the successful purchases tray after receipt of the entire will consideration will be the over if aclose the disrigantees payone for convey eval, but as storp duty, regionation has takker about pay the styletons class (Websi House bis, aboutedly charges and other store). or Lindertaking and local bodies. (11) The Authorized Officer shall have all the cowers to the will represent the first research to

Authorised Officer City Union Bank Ltd.

ikonath, Tharsavur Dustet, Tarril Nadu- 612 001, CW-L66 (10TW1904FLC001267, 2722 Fee: 5635-2631746, Website: www.rityurinthanic.com

hospital in Rajkot," Dinesh repurtedly told media persons and the police on Fri-

'Mohir feel in love with Minnishi and both got married more than a year ago. However, for the last few days, Minaskhi has been ilving with her purents in Lodhika near Rajket and has filed an application against ber busband with the

divorce," Bank added. He demanded that a complaint should be lodged against the woman, her femily members and the police who forced his brother to take this extreme step.

All dam police has initiated a process to register statements in this case and will record Mohir's statement once he regains consciousness.

#### **Aarti Industries Limited**

(Custom Synthesis Division) Plot No:-22-C/1,1st Phase, Gido, Estate Vapi 396195, Vassad, Gujenit.

#### **Environmental Clearance**

It is hereby informed that the State level Environment Impact Assessment Authority, Gandhinager, Gujaret has accorded the Environment Clearance for setting up of expansion of the existing manufacturing of API & drugs intermediates by Mis. Aarti Industries Ltd. (Custom Synthesis Division). Plot nos. 22/C/1 & 2, GIDC Estate, Phase I, Vapi, Taluka & District Valued (Gujaret) vide File no: EIAA/GLLI/EC/5(f)/ 874/2021, cated 17th June 2021, A copy of the dearance letter is placed at the office of Gujarat Pollution Control Board (Vapi & Gandhinagar) and at the regional office of Ministry of Environment Forest and Climate Change. Bhopal. The environment clearance copy mayalso be seen at the website of SEIAA at https://seiaa.gujarat.gov.in

> Aarti Industries Limited. (Custom Synthesis Division)



SORT Work Limited; Dell Floor, SAC Dear, Gorg Floor, Son Prices Fair, No. Claudary Margar Place Courter Coulty Conde, Vancourer 1900007.

#### POSSESSION NOTICE (Far proviously) an

The underly great being the eatherest officer of the YORI Basis Limited (SCRI), HD Office, Hace Course Floor, Valodino, under the Securit Inflore and Spotsuffiction of Freezind Assessment Inflorest and Inflores Homest Proof folias Provide Lindfolia (Provide Lindfolia) and Gaussianium / Mortgagyrin Dist.

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#### DESCRIPTION OF THE IMMOVABLE PROPERTY

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Date : 22.66.2071, Place : Demarks Arthorized Officer, IDSI Spot, Liested

કારોબારીની વલસાડ જિલ્લા કો વોસ પ્રમુખ દિને શભાઈ બાશાબાઇ પટેલની અધ્યલતા हेठण એક બેઠકન આયોજન

૨૦૨૨ માં વિધાનસભાની ચુંટણી અંગે વિસ્તૃત કાર્યકર્માઓની અને पहापिकारीको तथा युटायेला પ્રતિનિધિઓ સાથે થર્ચા વિચારશા

દ્યા હોસલો વધાવી કાર્યક્રમને आवण यसका रता

- અનુસંધાન પાના ७ પર પહેલા પાળાનું ચાલુ...

वहसीनशन हरायु छ, ४ मुक्त તાલુકાવાઇઝ વિગતી જોઈએ તો वस्तार तास्त्रामा १,६३०, વાપીમાં ૧,૮૨૦, પારડીમાં ૭૧૬,

# हेर्हरीना हरिया डिनारे भूत વ્હેલના અવશેષ તણાઈ આવ્યા



ઉમરગામ, તા. રમ : उभरणाम तालकाना देवरी દરિયાકિનારે પાલીખાડી નજીક મોટી ભરતીના પાલીમાં એક મૃત વહેલ માછલીનો શરીરના અવશેષો તરાઈને કિનારે આવતા તેને જોવા મોટી સંખ્યામાં કિનારે રહેતા હોકોના ટોળા ઉમટી પડ્યા હતાં. તલાઈ આવેલ માછલીનો ભાગ

બારેક ફ્રૂટ જેટલી લંબરઇ પરાવતો હતો અને તદન હાડકા દેખાતા હતા. शास बता ४ वन विभागना કર્મચારીઓ દોડી આવ્યા હતા અને કિનારે જ ખાડો ખોદીને દારી દેવામાં આવી હતી. થોડા દિવસો અગાઇ નારગોલ દરિયા કિનારેલી પણ વહેલ માછલીનો માથેથી અડપો ભાગ તલાઈને આવ્યો હતો.

# વલસાડમાં ત્રીજી લહેર संक्रित न थाय तेना

વલસાડ, તા.૨૫ : કોરોના મતામારીમાં બીજા વેવમાં અતિ ભવકર પરિશામોનો સમગ્ર દેશ સામનો કરી રહેલો છે, ત્યારે આગામી સંભવિત ત્રીજ લહેરમાં आजडो संक्षित न थाय तेना આયોજન માટે ગુજરાત રાજ્ય બાળ અધિકાર સંરક્ષણ આપોંગ દારા આયોગના સચિવ પી.બી. ઠાકરની અધ્યવતામાં મીટિંગ કમ સેમિનાર ધોજામાં હતો.

આ બેઠકમાં સચિવશીએ કોરોનાની આગામી બીજી વહેરમાં जो आजडा संक्षमित याप तो ते બાળકોની સારવાર માટે તથા તેમના હોમ ક્વોરોનટાઇન માટે કઇ કઇ વ્યવસ્થાઓ કેવી રીતે ગોઠવવામાં આવશે, તેના વિશે વિસ્તૃત માર્ગદર્શન આપ્યું હતું.

આ સેમિનારમાં આયોગના દિપકભાઇ જોષી અને મતાબ્દીબેન પાંડેએ ઉપસ્થિત અધિકારીઓ અને પદાધિકારીઓને ૧૪૨ી દિશાસ્થનો ड्यं स्वा तेमक वसम वास्त



पं वायतना ઉપપ્રમુખઓની હાજરીમાં व्यवसार विश्वकाना नाव्य है क्याना તમામ અધિકારીઓ અને પદાપિકારીઓની સાથે સંકલન અને ગયાં કરવામાં આવી હતી.

આ કાર્યક્રમમાં જિલ્લા પંચાયતના પ્રમુખશ્રી અલ્લાબેન એચ. શાહ, વલસાડ જિલ્લાના જિલ્લા પુરવઠા અધિકારીથી વીસી ખાગુલ, જિલ્લા સમાજ સરલા અધિકારી બી.પી.ચૂડાસમા, જિલ્લા બાળ સરક્ષા અધિકારી ક જે એમ. પંચાલ, જિલ્લા ભાળ



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# પર્યાવરણીય મંજૂરી

આવી ભાગ કરવામાં આવે છે કે, રાજ્ય પર્ચાવસથ અસર कोशोशमेन्ट अधिकार, गुणरातको मे/केस. आरती र्चन्डस्ट्रीप ভिमिटेड (इस्टम सिन्हेंसिस डिविजन), २२/सी/९ सने २, जुआईडीसी केस्टेंट, प्रथम तथाड़को, वाची तालुका अने विकास વકસાડ, ગુજરાતને દવામો મધ્યસ્થી અને વિશેષતાના સ્સાગાતોના सुचित उत्पादनना विस्तरण माटे पर्यावश्य मंगुरी झाल नं. SEIAA/GUJ/EC/5(F)/874/2021, dieling 96 gm, 2029 ml રોજ માન્યાતા સાપી દીદી છે. મંજુરી પત્રની નકલ ગુજરાત પ્રદુષણ नियंत्रस भोई (वापी सने संबंधिनवर) तथा पर्यावरख का सने હવામાન પરિવર્તન મંત્રસભ્ય, ભોપાલની કરોરી પર મુકવામાં આવેલ છે. મંજૂરી પત્રની નકલ રાજ્ય સારે પર્યાવરણ અસર સોસોસમેન્ટ antesis (SEIAA). Arriam double https:// seiaa guirat gov.in પર પણ જોઈ જાકાળો.

> -\lbes ਆਵਰੀ ਬੱਕਤਵਨੀਸ਼ ਦਿਸਿਟੈਤ (कराम सिनोसिस दिविजन)

# EQUIRED ITI ENGINEERS

Electrical/Electronic/Instrumentation) Minimum 2 to 10 year experience

> Company Name -TESTMACH INTECH LLP

Add. 46/6, Damanganga Ind. Park, Vapi. Contact No. 9924647991 / 9924789891

# ફ્લેટ વેચવાનો છે

3BHK, कुरली क्लिंग्ड, ह्या डिपाशवाणो इतेर वेयावानो छे.

જલાઘામ એપાર્ટમેન્ટ, જલારામ મંદિર પાસે, ને.હા.નં.૮,વાપી.

Mob. 98251 57344