# SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLAINCE REPORT Period:

# January 2024 to June 2024

Submitted by:



M/s. Aarti Drugs Limited

**Unit located at:** 

Plot No.: 211 & 213, GIDC Sarigam, Tal: Umbergam Vapi,

# Dist: Valsad - 396155

(F. No. J-11011/214/1013- IA II (I); Dated 3<sup>rd</sup> July 2015)



# **ENVIRONMENT CLEANRENCE CONDITIONS COMPLIANCE**

This has reference to your proposal dated 22<sup>nd</sup> April, 2014 along with project documents including Form I, Terms of Reference, Pre-feasibility Report, EIA/EMP Report and Subsequent communications vide letter dated 3rd February, 2015 and 30<sup>th</sup> March, 2015 on the above mentioned subject.

The ministry of Environment, Forest and Climate Change has examined the application, It is noted that proposed is for setting up of Active Pharmaceuticals Ingredients & Intermediate Manufacturing Unit at Plot No. 211 & 213, GIDC, Sarigam, Tehsil Umargam, District Valsad, Gujarat by M/s. Aarti Drugs Ltd. It is reported that there are no national parks wildlife sanctuaries, biosphere reserves, heritage sites, tanks, reserve forest etc located within 10 km distance. Damanganga River is flowing at a distance of 7.5 km. Total plot area is 8662 m<sup>2</sup> of which greenbelt will be developed in 2657 m<sup>2</sup>, cost of project is Rs. 56126 Crore. Following product will be manufactured.

SR.		CONDITIONS		COMPLIANCE
NO.				
2.0		try of Environment, Fo		We are manufacturing permitted
		as examined the applic		products within permissible
		oosed is for setting		quantity.
		iticals Ingredients		
		uring Unit at Plot No. 2		Average production between Jan
	Sarigam, Tehsil Umargam, District Valsad,			to June 2024 is <b>1019.77</b>
		oy M/s. Aarti Drugs I		MT/Month.
		are no national parks wi		
		reserves, heritage site	Production details attached as	
		c located within 1		Annexure: 1.
		nga River is flowing at		
		plot area is 8662 m <sup>2</sup> o		
		veloped in 2657 m <sup>2</sup> , cos	1 0	
		Crore. Following pr	oduct will be	
	manufactu	red		
		1		
	Sr. No.	Product	Quantity	
			(MTPM)	
	1.	Metformin HCL	1200	
3.0	Multi cyc	clone followed by ba	g filter will be	Multi cyclone followed by bag
	provided	to the Coal/agro-wast	e fired boiler to	filter is provided to the Coal/agro-
	control p	articulate emission w	ithin permissible	waste fired boiler to control
		ter requirement from	Ũ	particulate emission within
	water su	pply will be 245 i	m3/day. Effluent	permissible limit.
	generation	will be 46 m3/day a	nd treated in the	Water requirement from GIDC
	Effluent	Treatment Plant (con	nsisting Primary,	Sarigam water supply is 245
	Secondary	and tertiary Treat	ment Facilities).	m3/day. Average water
	Treated ef	fluent will be evaporate	e Condensate will	consumption between Jan to June
		5	,	5

	be recycled/reused within factory premises, 'Zero' effluent discharge will be adopted and no effluent will be discharged outside the premises. All the solvent storage will be connected to a vent system through chilled water condensers to prevent loss of solvents. Process organic residue and spent carbon will be sent to cement industries/co-incineration facility, ETP sludge, process inorganic & evaporation salt will be disposed off to the TSDF. Waste Oil/Spent oil will be sold to registered recyclers/re-processors.	2024 is <b>81.3 m3/day.</b> The water consumption data as per GIDC water bills is given as <b>Annexure:</b> <b>2</b> . Effluent generation is 41.5 m3/day (Industrial: 39 m <sup>3</sup> /day & Domestic: 2.5 m <sup>3</sup> /day) and treated in the Effluent Treatment Plant (consisting Primary, Secondary and tertiary Treatment Facilities). Treated effluent is evaporated in Psychometric Evaporator. 'Zero' effluent discharge is adopted and no effluent is discharged outside the premises. The Effluent Treatment Scheme & Flow diagram is attached as <b>Annexure: 3</b> . All the solvent storage is connected to a vent system through chilled water condensers to prevent loss of solvents. We have authorization of the board (GPCB) vide consent order no. AWH-108687 Dated 10/07/2020 for the disposal of Process organic residue and spent carbon to compare industries/co-	
		carbon to cement industries/co- incineration facility, ETP sludge, process inorganic & evaporation salt to the TSDF & Waste Oil/Spent oil is sold to registered recyclers/re-processors. The copy of the Authorization is attached as <b>Annexure: 4</b> . The membership certificates of the authorized TSDF/CHWIF facility are attached as <b>Annexure:5</b>	
4.0	Public hearing was exempted as per Section 7 (i), III Stage (3), Para (i) (b) of EIA Notification 2006.	Noted	-
5.0	All Synthetic Organic Chemicals industry located inside the notified industrial area/Estate are listed at S.N. 5(f) under Category 'B' . However, applicability of general condition due to project	Noted	



	location within 10 km distance of interstate boundary, proposal is treated as category 'A' and appraised by Expert Appraisal Committee (i).	
6.0	The proposal was considered by the Expert Appraisal Committee (Industry) in its meetings held during 26 <sup>th</sup> -27 <sup>th</sup> August, 2013, 22 <sup>nd</sup> -23 <sup>rd</sup> December, 2014, 17 <sup>th</sup> -19 <sup>th</sup> February, 2015 and 20 <sup>th</sup> -21 <sup>st</sup> April,2015respectively. Project Proponent and the EIA Consultant namely M/s Goldfinch Engineering Systems Pvt. Ltd. have presented EIA/EMP report as per the TOR, EAC has found the EIA/EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental Clearance.	Noted
7.0	Based on the Information submitted by the project proponent, the Ministry of Environment and Forest hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14 <sup>th</sup> September 2006, Subject to the compliance of the following Specific and General Conditions:	EC obtained under the provisions of EIA Notification dated 14 <sup>th</sup> September 2006
<b>A.</b>	SPECIFIC CONDITION:	
i.	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21 <sup>st</sup> July, 2010 and amended time to time shall be followed by the unit.	National Emission Standards for Organic Chemicals issued by the Ministry vide G.S.R.608(E) dated 2nd July,2010 and as amended thereof are followed.
ii.	Multi cyclone followed by bag filter shall be provided to the coal/agro-waste fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines	followed by bag filter with coal/agro-waste fired boiler stack to control particulate emissions within permissible limits. We have provided stack height of 30 meters to disperse the Gaseous emissions as per CPCB/SPCB guidelines of stack. The stack monitoring report during the period Jan to June 2024 is attached as <b>Annexure:6</b> .
iii.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling &	Fugitive emissions from all the vulnerable sources are controlled by providing closed storage, closed handling & conveyance of chemicals/materials., Fugitive



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	separator and water sprinkling system. Dust suppression system including water spindling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored	environment, product, raw materials storage are etc. are regularly monitored by us. The Ambient monitoring report during the period Jan to June 2024 is attached as <b>Annexure:7</b> .
iv.	<ul> <li>Solvent management shall be carried out as follows:</li> <li>i. Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.</li> </ul>	condensate solvent vapors
	ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	<ul> <li>Preventing leakages by providing mechanical seals to reactor &amp; solvent handling pump.</li> </ul>
	<li>iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</li>	<ul><li>iii. We are achieving more than 95% recovery by the providing condensers with sufficient HTA and residence time.</li></ul>
	iv. Solvents shall be stored in a separate space specified with all safety measures.	iv. We stored the solvents in separate space with all safety measures.
	v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	v. We have provided proper earthing in all the electrical equipments wherever solvent handling is done.
	vi. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.	

V.	The gaseous emissions from DG Set shall be dispersed through adequate stack height as per CPCB Standards. Acoustic enclosure shall be provided to the DG Sets to mitigate the noise pollution	We have provided adequate chimney height for controlling gaseous emission from DG Set. We have provided acoustic enclosure to the DG Sets to mitigate the noise pollution. The stack monitoring report of DG set is attached as <b>Annexure: 8</b> .
vi.	The Company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically, It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal office of CPCB and the GPCB. The levels of PM10, PM2.5, SO2, NOx, VOC and CO in ambient air and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	We shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored date on its website and shall update the same periodically. Also sent to the Regional office of MOEF, the respective Zonal office of CPCB & the GPCB. The levels of PM10, PM2.5, SO2, NOx, VOC and CO in ambient air and emissions from the stacks are monitored and displayed at a convenient location.
vii.	Total Fresh water requirement from GIDC water supply shall not exceed 245 m3/day. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process.	Total fresh water requirement from GIDC water supply is not exceeding 245 m3/day. We shall endeavor to reduce water consumption by adopting 3 R's (reduce, reuse & recycle) concept in the process.
viii.	Industrial effluent generation shall not exceed 46 m <sup>3</sup> /day. Trade effluent shall be treated in the effluent treatment plant (ETP) having primary, secondary and tertiary treatment facility. Treated effluent shall be evaporated. Condensate shall be recycled/reused within factory premises. 'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises	Industrial effluent generation is not exceeding 46 m3/day. We are treating the trade effluent in Effluent treatment plant (ETP) having primary, secondary and tertiary treatment facility. Treated effluent is evaporated. 'Zero' effluent discharge is adopted and no effluent is discharged outside the premises.
ix.	Automatic / Online monitoring system (24 * 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	As per CPCB guideline Flow meter provided and data is made available to the respective SPCB.





		We have obtained Membership of the authorized TSDF/CHWIF site.
xiii.	The company shall obtain, Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008, and amended as on date for management of Hazardous wastes and Prior permission from GPCB shall be obtained 'or' disposal of solid/ Hazardous waste in the TSDF, Measures shall be taken for the fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained	We have obtain, Authorization for collection, storage and disposal of hazardous waste in the TSDF site under the Hazardous & Other Waste Rules, 2016, as amended thereof from CPCB. We have obtained Membership of TSDF for Hazardous waste disposal
xiv.	Fly ash shall be stored separately as per CPCB guidelines do that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.	Fly ash shall be stored separately as per CPCB guidelines and prevent exposure of workers to fly ash & dust.
XV.	The company shall strictly comply with the rules and guidelines under Manufacture, storage and Import of Hazardous Chemicals (MSIHC) Rules, 11989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	We shall strictly comply with the rules and guidelines under Manufacture, storage and Import of Hazardous Chemicals (MSIHC) Rules, 11989 as amended thereof. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
xvi.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in materials handling, Fire fighting system shall be as per the norms	We made necessary arrangements for protection of possible fire hazards during manufacturing process in materials handling. The details of Fire Hydrant system provided within plant premises is attached as <b>Annexure- 9</b> The list of Fire Extinguishers provided within Plant premises is as follows:



	Г						
				UGS LIMITEI 213, GIDC, SARIO			
			List Of Fire	Extinguish	ers		
		Sr. No.	Types	Capacity	Quantity		
		1	ABC	2Kg	2		
		2	ABC	9Kg	16		
		3	ABC	6Kg	22		
		4	M/Foam	9Lit	13		
		5	M/Foam	45 Lit	2		
		6	M/Foam	50 Lit	7		
		7	DCP	9Kg	20		
		8	CO2	4.5kg	28		
		9	Co2	9 Kg	2		
		10	Co2	3Kg	2		
		11	Co2	2Kg	5		
		Tota	l No. Of Exting	guishers	119		
xvii.	Occupational health	surveilla	Occupation	al Health Surveillance			
	shall be done on	a regula	ar basis &	records	of the workers is carried out on		
	maintained as per the	Factories	s Act.		regular basis & the records for the		
					same are maintained as per The		
					Factories A	ct.	
					-	e of the Health check	
					-	f one of the Employee	
						herewith as Annexure-	
					10.		
xviii.	As proposed, green				developed within plant premises as per the guidelines. The photos of the Green belt developed is		
	project area shall		-	-			
	premises with at leas		-				
	all sides along the pe						
	download direction,					low herewith.	
	Selection of plant spe		-	the CPCB		also carried out Tree	
	guidelines in consulta	ation with	the DFO.		plantation in Karajgam-Phansa &		
						te of appreciation from	
					as <b>Annexu</b>	nment body is attached	
					as Annexu	re: 14.	







B.	necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment. <b>GENERAL CONDITION:</b>	
i.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	We do Strictly adhere to the stipulations of the Gujarat Pollution Control Board (GPCB), State Government or any other statutory body.
ii.	No further expansion or modification in the plant shall be carried out without prior approval of the ministry of Environment and Forest in case of deviations or alterations in the project proposal from those submitted to this Ministry for Clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted At present no expansion
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Agreed & Noted. We are regularly carrying out Ambient Air quality monitoring & are maintain the Standards prescribed by the board.
iv.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosure etc. on all source of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 Viz. 75 dBA (day time) and 70 dBA (Night Time).	The overall noise level within the company premises is in accordance with the norms. Also, ambient noise level is in accordance with the permissible limits. The Noise monitoring reports during the period Jan to June 2024 is attached as <b>Annexure:11</b>
V.	The company shall harvest rainwater from the roof- tops of the buildings and storm water drains to recharges the ground water and use the same water for the process activities of the project to conserve fresh water.	We shall comply with the same.







**Mock Drill Photos** 



ix.	The company shall also comply with all the environmental protection and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management risk mitigation measures and public hearing relating to the project shall be implemented	We shall comply with all the environmental protection measures and safeguards in the projects report submitted to the Ministry & shall implement all the recommendations made in the EIA/EMP.
X.	The company shall undertake CSR activities and all relevant measures for improving the socioeconomic conditions of the surrounding area.	We shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
xi.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the surrounding area	We shall undertake eco- developmental measures including community welfare measures in the project area for all the overall improvement of the environment.
xii.	The separate environmental Management Cell equipment with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions	We have established a separate Environmental Management Cell equipped with full-fledged lab facilities to carry out Environment Management & Monitoring function
xiii.	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the ministry of Environment and forest as well as the State Government along with the implementation schedule doe all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	As mentioned in the EIA/EMP, the capital cost and recurring cost/annum earmarked towards the environmental pollution measures are judiciously used to implement the conditions stipulated
xiv.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, If any, from who suggestions / representations, if any, were received while processing proposal.	Complied.
XV.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies of CPCB as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A Copy of Environmental	As mentioned in the condition, we shall regularly submit the six- monthly compliance status report to the monitoring agencies



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	Clearance and six monthly compliance status report shall be posted on the website of the company.	
xvi.	The Environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	We are regularly submitting annual returns Form-4 & Form -V by June 30th for the period ending 31st March of the year.
xvii.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vermicular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the ministry.	We have given advertisement in local newspaper regarding accordance of Environmental Clearance from MoEF & CC.
xviii.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approved of the project by the concerned authorities and the date of start of the project.	Timely informed about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
8.0	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed and Noted
9.0	The Ministry reserve the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Agreed and Noted
10.0	The above conditions will be enforced, inter-alia under the provisions of the water (Prevention & control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and Trans- Boundary Movement) Rules,2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	We are complying with Consent to Operate under Air and Water Act & other environmental Acts/Rules. The compliance of our obtained CCA order no – AWH – 108687 is as below:



SR. NO.		CONDITION	S		COMPLIANCE
	Consent Order No. AWH-108687 Date of issue: 10/07/2020				Amended vide A-111563 dated 15/03/2021 & H- 131804 dated 24/01/2024
•	emission due	the consents for the use of outlet for the discharge of trade effluent & mission due to operation of industrial plant for manufacture of the llowing items/products:			
	Sr. No.	Product	_	antity	
	1.	Metformin Hydrochloride	1200 N	IT/Month	
	The validity of				
		<b>NS UNDER THE WATER</b>			
1.	as per below l a) Indust	eed 245 KLPD	Complied		
2.	<ul> <li>b) Domestic: 23 KLPD ( 3 Domestic + 20 Gardening)</li> <li>The quantity of total waste water generation shall not exceed 41.5</li> <li>KLPD as per below break up: <ul> <li>a) Industrial: 39 KLPD</li> <li>b) Domestic: 2.5 KLPD</li> </ul> </li> </ul>				Complied
	TRADE EFF	LUENT			
1.	-	d effluent shall be treated evaporator there by achieving			Complied with ZLD conditions
2.	The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.				No G.I.D.C drainage connection.
3.	system.	luent shall be disposed off		ic tank/soak pit	Complied.
		NS UNDER THE AIR ACT	Г 1981:		
1.		g shall be used as fuel	<u>^</u>		Complied
	Sr. No.	Fuel		•	
		Diesel	40 Lit		
	$\begin{array}{ c c } 2 \\ \hline 3 \end{array}$	Natural Gas	414 Nm 1.9 M7		
	5	Briquettes	1.9 M I	/ nour	

	~~	_				Complied.	
-		<u>dment – A</u>	3/2021; condition	We have			
amended	<u>l as below:</u>					obtained CCA	
						Amendment for	
The flue	The flue gas emission through stack attached to following shall conform to the following standards:						
conform							
Stack	Stack	Stack	APCM	Para	Permissible	Steam Boiler (6	
No.	Attached	height		meters	Limit	TPH) & the copy	
	to	in				of the same are	
		Meter				attached	
	~		Multi			herewith as	
	Steam		Cyclone			Annexure – 4.	
	Boiler		& Bag				
	(6 TPH)		Filter				
1.	Steam	30		-			
1.	Boiler	50	Multi	PM	$150 \text{ m} \text{m}^3$		
			Cyclone		$150 \text{ mg/Nm}^3$		
	(6 TPH)		& Bag	$SO_2$	100 ppm		
	Standby		Filter	NOx	50 ppm		
	(New)						
	D.G.Set						
2.	(500	05					
2.	KVA)-	05					
	Standby						
There sh	nall be no	process g	gas emissioi	n from t	he manufacturing	There shall be no	
process a	s well as an	y other an	cillary opera	ations.		process gas	
						emission	
Ambient	Ambient air quality within the premises of the industry shall conform						
to the fol	lowing stand	lards:					
PAR	AMETER		PERMIS	SSIBLE L	LIMIT		
			Annual		24 hrs Average		
Particul	ate Matter 10	60	Microgram/n	n <sup>3</sup>	100 Microgram		
			/m <sup>3</sup>				
Particul	ate Matter 2.5	40	40 Microgram/m <sup>3</sup> 60 Microgram /m <sup>3</sup>		50 Microgram /m <sup>3</sup>		
	s of Sulphur		Microgram /r		30 Microgram /m <sup>3</sup>		
Oridaa	of Nitrogen	40	Microgram /r	$n^3$ 8	30 Microgram /m <sup>3</sup>		
Oxides	of Millogen						
Oxides	of Mitrogen						
			e portholes,	ladder,	platform etc at	Complied	
The app	olicant shall	provide	-		platform etc at the same shall be	Complied	
The app chimney(	olicant shall (s) for moni	provide toring th	e air emissi	ons and	the same shall be	Complied	
The app chimney( open for	olicant shall (s) for moni- inspection	provide toring th to/and fo	e air emissi r use of Boa	ons and ard's staf	the same shall be f. The chimney(s)	Complied	
The app chimney( open for vents att	olicant shall (s) for moni inspection ached to va	provide toring th to/and fo rious sou	e air emission r use of Boar rces of emis	ons and ard's staf ssion sha	the same shall be f. The chimney(s) ll be designed by	Complied	
The app chimney( open for vents atta numbers	olicant shall (s) for moni- inspection ached to va such as S-1	provide toring th to/and fo rious sou , S-2, etc.	e air emission r use of Boar rces of emis	ons and ard's staf ssion sha	the same shall be f. The chimney(s)	Complied	
The app chimney( open for vents atta numbers facilitate	Dicant shall (s) for moni- inspection ached to va such as S-1 identificatio	l provide toring th to/and fo rious sou , S-2, etc. on.	e air emissie r use of Boa rces of emis and these sl	ons and ard's staff ssion sha hall be pa	the same shall be f. The chimney(s) ll be designed by ainted/displayed to		
The app chimney( open for vents atta numbers facilitate The indu	olicant shall (s) for moni- inspection ached to va such as S-1 identification stry shall ta	provide toring th to/and fo rious sou , S-2, etc. on. ke adequa	e air emission r use of Boarces of emission and these slameters	ons and ard's staff ssion sha hall be pa	the same shall be f. The chimney(s) ll be designed by ainted/displayed to rol of noise levels	adequate	
The app chimney( open for vents att numbers facilitate The indu from its	Dicant shall (s) for moni- inspection ached to va such as S-1 identification stry shall ta own sources	l provide toring th to/and fo rious sou , S-2, etc. on. ke adequa s within t	e air emission r use of Boar rces of emis and these slam ate measures he premises	ons and ard's staff ssion sha hall be pa s for cont so as to	the same shall be f. The chimney(s) ll be designed by ainted/displayed to rol of noise levels maintain ambient	adequate measures taker	
The app chimney( open for vents atta numbers facilitate The indu from its air qualit	blicant shall (s) for moni- inspection ached to va such as S-1 identification stry shall ta own sources by standards	l provide itoring th to/and fo rious sou , S-2, etc. on. ke adequa s within t in respec	e air emission r use of Boar rces of emis and these slow ate measures he premises ct of noise to	ons and ard's staff ssion sha hall be pa s for cont so as to o less tha	the same shall be f. The chimney(s) ll be designed by ainted/displayed to rol of noise levels	adequate	

betwe	en 6 a.m. and 10	p.m. and ni	ght time is reckone	d between 10	
	and 6 a.m.	r unu m			
<u>AS per CCA Amendment – H – 131804 dated 24/01/2024;</u> condition amended as below: AUTHORISATION UNDER THE HAZARDOUS & OTHER					
	TES (M & T) RU Aarti Drugs Ltd.	,	ranted an authorizat	ion to operate	Complied.
facilit	y for following h No:- 211,213, F	The copy o CCA Amendment is			
Sr. No.	Type of Waste	Schedule- I Process No.	Facility	Quantity	attached herewith a Annexure – 4.
1	Process wastes and Residues	28.1	Collection, storage, transportation and disposed off through Co-processing process at Cement Plant.	1742.36 MT/Year	
2	Spent Charcoal/Spent Carbon	28.3	Collection, storage, transportation and Co-processing at Cement Plant.	1111.354 MT/Year	
3	Chemical Sludge from treatment of waste water	35.3	Collection, storage, transportation disposal TSDF Site.	40.15 MT/Year	
4	Discarded Containers/ Barrels/Liners contaminated.	33.1	Collection, Storage, Decontamination, and Disposal by sending to actual	50 MT/Year	

				Collection,			
				storage,			
				transportation	0.200		
	5	Used Oil	5.1	disposal by	MT/Year		
				selling to	1011/1044		
				Registered Re-			
				refiners.			
5.1	The a	uthorization shall	be valid up t	o <b>19/07/2025</b>		Before expirin	
						of validit	•
						11	for
				1		renewal.	
5.2				conditions stated be			
				ed in the rules from	time to tin	ne	
		the Environment					
A				ER H & O Wastes I	,		
1.		uthorized person a	,	comply with the pro-			nd
		(	/	and the rules made			of
2.				for inspection at the			
			U	llution Control Boar			be
3.		1		nt, lend, sell, transfe		-	
	transport the hazardous & Other wastes except what is permitted				ed		
		gh this authorization					
4.	Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons						
					• •	ns	
_	-			of this authorization			
5.		-		nplement Emergen	•		
				authorization is l			
				ble scenarios such			
	leakages fire etc. and their possible impacts & also carry out mock drill in this regard at regular interval of time.				~K		
6.				the provisions outline	ed in the		
υ.				nes on " implementin			
			•	dling and Disposal of	•		
	Waste	s and penalty".					
7.				take prior permission	n of the State		
	Pollution Control Board to close down the facility.						
8.	The imported hazardous and other wastes shall be fully insured for transit as				as		
	well as for any accidental occurrence and its clean- up operation.The record of consumption and fate of the imported hazardous and other						
9.		cord of consumptions shall be maintained		ine imported hazardou	is and other		
10.	-			ets generated during r	ecveling or		
10.			-	itilization of imported			
				ed of as per specific c			
		ization.		1			
11.	The in	nporter or exporter s	shall bear the	cost of import or expo	ort and		
	mitiga	tion of damages if a	iny.				
12.	An ap	plication for the ren	ewal of an au	thorization shall be ma	ade as laid		



		TT_
	down under these rules.	
13.	Any other conditions for compliance as per the guidelines issued by the	
	Ministry of Environment, Forest and Climate Change or Central Pollution	
	Control Board from time to time.	
14.	Annual return shall be filed by June 30th for the period ensuring 31 <sup>st</sup> March	
	of the year.	
	SPECIFIC CONDITIONS (WHICHEVER IS APPLICABLE)	
1.	The authorized actual user of hazardous & other wastes shall	Noted.
	maintain records of hazardous & other wastes purchased in a	
	passbook issued by the Sate Pollution Control Board along with the	
	authorization.	
2.	Handing over of the hazardous & other waste to the authorized actual	Noted.
	user shall be only after making the entry into the passbook of the	
	actual user.	
3.	In case of renewal of authorization, a self-certified compliance report	Noted.
	in respect of effluent, emission standards & the conditions specified	
	in the authorization for hazardous & other wastes shall be submitted	
	to SPCB.	
4.	The occupier of the facility shall comply standard operating	Noted.
	procedure/ guidelines published by MoEF & CC or CPCB or GPCB	
	from time to time.	
5.	Unit shall comply provisions of E-Waste (Management) Rules, 2016.	Noted.
11.0		Noted
11.0	Drugs Ltd. for active pharmaceuticals ingredients	
	& intermediate manufacturing unit at Plot No. 211	
	•	
	& 213, GIDC, Sarigam, Tehsil Umargam, District-	
	Valsad, Gujarat.	

SR. NO.	MONTH	NAME OF PRODUCT	QUANTITY
510100			(MT/MONTH)
1	Jan-24		1192.040
2	Feb-24		1192.100
3	Mar-24	Metformin	780.255
4	Apr-24	Hydrochloride	1196.077
5	May-24		792.063
6	Jun-24		966.105
		TOTAL	6118.640
		Avg/Month	1019.77
		Maximum in the month	1196.077
		Minimum in the month	780.255
		Permissible Limit	1200

# **Annexure – 1 Production Details**



# **Annexure – 2 Water Consumption Details**

SR. NO.	MONTH	QUANTITY (KL/MONTH)
1	Jan-24	3028
2	Feb-24	2871
3	Mar-24	1456.82
4	Apr-24	2724.58
5	May-24	2065
6	Jun-24	2485
	TOTAL	14630.4
	Avg/Month	2438.4
	Avg/Day	81.3
	Permissible Limit	245

# Annexure – 3 Details of Effluent Treatment Plant with Diagram

Evaluating unlicensed DynamicPDF feature. Click here for details. [4:0:eval]

#### Effluent Treatment Scheme

- 2 Nos. Equalization tanks each having 25M3 capacity with 2 stage O & G traps will be provided at entrance of each equalization tank such that only aqueous underflow will enter the equalization tank. The floating oil and grease, if any, will be removed manually.
- The pH of the effluent will be corrected by addition of acid / alkali in equalization tank.Each tank will also be fitted with aerator to help in mixing as well as stripping of some solvents.
- The neutralized effluent will be pumped in a flash mixer, where calculated and metered quantities of flocculating and coagulating agents will be dosed to flocculate the suspended and colloidal solids and help in their sedimentation in a Primary Settler.
- The settled Bottom Sludge from Primay Settler will be sent to Sludge Drying bed & finally dried Solid Waste Sent to Solid Waste Management.
- Clear Liquid Effluent overflow from primary Settler will be sent to Psychometric Evaporator
- In Psychrometric Evaporator Effluent Circulate to plant via pump to remove Heat load from process resulting natural evaporation of effluent in Psycho.
- The concentrated salt from bottom of Psycho will be separated by filter press & clear effluent again sent to psycho for evaporation.Separated salt sent to Solid Waste Management.







# **GUJARAT POLLUTION CONTROL BOARD**



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

BY RPAD

CCA-Amendment (H-131804)

Date: 24 /01/2024

TO,

M/s. Aarti Drugs Ltd Plot No: 211, 213, Road No. 2, GIDC Sarigam, Tal: Umbergaon, Dist: Valsad- 396155.

SUB: Consolidated consent and Authorization (CC&A) under various Environmental Acts/Rules.

REF: 1) Your Application inward no. 288901, dated 10/11/2023.

NO: GPCB/SRG-CCA-453(4)/ID 43373/ 781307

2) CCA of the Board issued vide order no.AWH-108687 dated 03/11/2020, valid up to 19/07/2025.

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 Waste (Management and Transboundary) Rules, 2016 & framed under the Environment (Protection) Act-1986, The Board has granted CCA vide order No. AWH-108687 issued vide this office order no. GPCB/SRG-CCA-453/ID 43373/572019 dated 03/11/2020, valid up to 19/07/2025.

The Board has right to review and amend the conditions of the said CCA orders. Now, considering your application for CCA amendment inward ID No. 288901, dated 10/11/2023, CCA-Amendment hereby granted for increasing generation quantity of Process waste and Spent Carbon/Spent Charcoal and decreasing in generation quantity of chemical sludge from wastewater treatment of Hazardous Waste with following conditions.

1. The order shall be read as CCA-Amendment order no.: H-131804 Date of Issue: 22/01/2024, valid up to 19/07/2025.

### SUBJCT TO FOLLOWING SPECIFIC CONDITIONS:

- 1. There shall be no change in products & its capacity after CCA-Amendment.
- 2. There shall be no change in water consumption, wastewater water generation & its mode of disposal CCA-Amendment.
- 3. There shall be no change in fuel consumption, flue gas emission and process gas emission after CCA-Amendment.

M/s. Aarti Drugs Ltd (ID: 43373) Page 1 of

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

### 2. <u>AUTHORIZATION UNDER THE HAZARDOUS AND OTHER WASTES</u> (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016 SHALL BE AMENDMENED & READ AS

2.1 M/s. Aarti Drugs Ltd is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: 211, 213, Road No. 2, GIDC Sarigam, Tal: Umbergaon, Dist: Valsad- 396155.

Sr. No.	Waste	Schedule & Cat.	Quantity	Mode of disposal
1	Process Waste/Residue	I-28.1	1742.36 MT/Year	Collection, Storage, Transportation & Disposal through Co-processing at Cement Industry.
2	Spent Carbon/ Spent Charcoal	I-28.3	1111.354 MT/Year	Collection, Storage, Transportation & Disposal through Co-processing at Cement Industry.
3	Chemical Sludge from Wastewater treatment	I-35.3	40.150 MT/Year	Collection, Storage, Transportation & Disposal at Approved TSDF Site.
4	Empty barrels/ Containers/ Liners contaminated with hazardous chemical/ waste	I-33.1	50 MT/Year	Collection, Storage, Transportation & Disposal by selling to registered recyclers.
5	Used Oil	I-5.1	0.2 MT/Year	Collection, Storage, Transportation & Disposal by selling to registered recyclers.

2.2 The authorization shall be valid up to 19/07/2025.

2.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules form time to time under the Environmental (Protection) Act-1986.

3. The rest of the conditions of Consolidated Consent (CC&A) order No. AWH-108687 issued vide order no. GPCB/SRG-CCA-453/ID 43373/572019 dated 03/11/2020, valid up to 19/07/2025 and amendment thereof shall remain unchanged and industry shall comply with the same judiciously.

For and on behalf of Gujarat Pollution Control Board

> (R. B. Trivedi) Unit Head, Sarigam

M/s. Aarti Drugs Ltd (ID: 43373) Page 2 of 2





2. The flue gas emission through stack attached to stack shall conform to the following standards: Stack Stack attached Permissible Sr. No height in APCM Parameters to limit meter Steam Boiler Multi cyclone (6 TPH) Bag Filter (Existing) 1 Steam Boiler \* 30 PM 150 mg/Nm3 (6 TPH) Multi cyclone SO2 100 ppm **Bag Filter** Standby NOx 50 ppm (New) D. G. Set Adequate 2 (500 KVA) 11 Stack Height Stand by \*At a time only one boiler shall be operate. The rest of the conditions of Consolidated Consent (CC&A) AWH-108687 issued vide no: GPCB/CCA-SRG-453/ ID-43373/571733 dated 20/10/2020 shall remain unchanged and industry shall comply with the same judiciously. For and on behalf of **Gujarat Pollution Control Board** (N. M. Tabhani) **Deputy Chief Environment Engineer** M/s. Aarti Drugs Ltd, (ID-43373) Page 2 of 2





# **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN Sector-10-A, **Gandhinagar**-382 010 Phone : (079) 23226295 Fax : (079) 23232156 Website : www.gpcb.gov.in

#### By RPAD

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under the Hazardous and Other Waste (Management and Transboundary Movement) Rules'2016, framed under the EP Act-1986.

And whereas Board has received on line consolidated application Inward ID No: 176029dated -29/05/2020 for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

#### CONSENT AND AUTHORISATION:

(Under the provisions / rules of the afore said environmental acts)

То,

M/s. Aarti Drugs Ltd Plot no- 211, 213, Road No. 2, GIDC Sarigam- 396155,





### Consent Order No: AWH - 19868 Date of Issue: 10/07/2020.

The consents for use of outlet for the discharge of trade effluent and emission due to operation of industrial plant for manufacture of the following items / products:

Sr No.	Products	Quantity
1	Metformin Hydrochloride	1200 MT/Month
The ve	lidity of this and an it have to to to the	

The validity of this order will be up to 19/07/2025.

#### CONDITIONS UNDER WATER ACT 1974:

- The quantity of total water consumption shall not exceed 245 KLPD as per below break up
  - a) Industrial: 222 KLPD.
  - b) Domestic: 23 KLPD.(3 Domestic + 20 Gardening)
- The quantity of total of waste water generation shall not exceed 41.5KLPD as per below break up
  - a) Industrial:39 KLPD.
  - b) Domestic: 2.5 KLPD.

### M/s. Aarti Drugs Ltd(Unit-2) (ID: 43373) Page 1 of 5 Clean Gujarat Green Gujarat

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



#### Trade Effluent

- The generated Effluent shall be treated In ETP and then shall be evaporated in evaporator there by achieving ZLD.
- The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.
- 3. Domestic waste water shall be disposed off through septic tank/soak pit system.

#### CONDITIONS UNDER AIR ACT 1981:

1. Following shall be used as fuel:

Sr. No.	Fuel	Quantity	
1	Diesel	40 Lit/Hr	
2	Natural gas	414 Nm <sup>3</sup> /Hr	
3	Briquettes	1.9 MT/Hr	

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

Sr. No	Stack attached to	Stack height in meter	APCM	Parameters	Permissible limit
1	Steam Boiler (6 TPH)	30	Melti exclore Bag Finter	Particulate Matter	150 mg/Nm3
2	D. G. Set (500 KVA) Stand by		)-	SO2 NOx	100 ppm 50 ppm

 There shall be no process emission from the manufacturing process as well as any other ancillary operations.

 Ambient air quality within the premises of the industry shall conform to the following standards:

PARAMETERS	PERMISSIBLE LIMIT		
00	Annual	24 Hrs Average	
Particulate Matter-10 (PM 10)	60 Microgram/m3	100 Microgram/m3	
Particulate Matter- 2.5 (PM 2.5)	40 Microgram/m3	60 Microgram/m3	
SO2 O	50 Microgram/m3	80 Microgram/m3	
NO	40 Microgram/m3	80 Microgram/m3	

5. The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

M/s. Aarti Drugs Ltd(Unit-2) (ID: 43373) Page 2 of 5

OUTHOLD













### GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN Sector-10-A, **Gandhinagar**-382 010 Phone : (079) 23226295 Fax : (079) 23232156 Website : www.gpcb.gov.in

- Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- Annual return shall be filed by June 30<sup>th</sup> for the period ensuring 31<sup>st</sup> March of the year.

# B. SPECIFIC CONDITIONS (WHICHEVER IS APPLICABLE)

- The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
- Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.
- In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
- The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or CPCB form time to time.
- 5. Unit shall comply provisions over vaste (Management) Rules, 2016.

For and on behalf of Gujarat Pollution Control Board

Deputy Chief Environment Engineer

No: GPCB/CCA-SRG-953/ID: 43373/

Date:

ISSUED TO:

M/s. Aarti Drugs Ltd Plot no- 211, 213, Road No. 2, GIDC Sarigam- 396155, Tal-Umbergaon, Dist- Valsad.

> M/s. Aarti Drugs Ltd(Unit-2) (ID: 43373) Page 5 of 5 **Clean Gujarat Green Gujarat** ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation



# Annexure – 5 Membership Certificates

BEIL INFRASTRUCTURE LIMITED (Formely Known As Bharuch Enviro Infrastructure Limited) 26<sup>TH</sup> MAY, 2022 Tò, AARTI DRUGS LIMITED (UNIT-2) PLOT NO.211, 213, ROAD NO.2, GIDC SARIGAM - 396155, TA-UMBERGAON, DIST-VALSAD. Sub: Membership Certificate for Common Incineration Facility. Dear Sir, We hereby certify that you have become member for the common incineration facility of BEIL INFRASTRUCTURE LIMITED (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Ankleshwar. You have booked quantity of 10 MT/Year. You have paid Registration fees for common incinerator membership. Your Membership No. is CI/OBD/308. Waste will be accepted after submitting valid authorization of GPCB. Thanking you, Yours faithfully, For, BEIL INFRASTRUCTURE LIMITED AUTHORISED SIGNATORY CIN No.: U45300GJ1997PLC032696 Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat) Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in Website: www.beil.co.in











Certificate No.:103906

To Whomsoever it may concern

This is to certify that AARTI DRUGS LTD

PLOT NO. 211, 213 ROAD NO. 2, GIDC ESTATE SARIGAM, VALSAD

is a valid member of

### DETOX INDIA PRIVATE LIMITED

DIPL - Dahej

for

Integrated Common Incineration Facility

This membership is valid for a period of

05 Years

Date of Issue :09-11-2021 Date of Expiration : 09-11-2026 Place of Issue : Surat For, Detox India Private Limited

14 Director

SUBJECT TO SURAT JURI SDI CTI ON

Detox India Private Limited

(Formerly : Ankieshwar Cleaner Process Technology Centre Pvt. Ltd.) Plot No. : D-2/CH/135, G.I.D.C. Dahej Phase-II, Tal. : Vagra, Dist. : Bharuch-392 130 (Guj.) INDIA Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat-395 002 (Guj.) INDIA Ph. : +91 261 2351248, 2346181, E-mall : info@detoxindia.com | CIN : U90000GJ2010PTC060122




## And

M/s. JK Lakshmi Cement Ltd. a Company incorporated under the provisions of the Companies Act,1956. Having its Registered office & disposal facility through coprocessing at Jaykaypuram, Dist.: -Sirohi-Rajasthan. (Hereinafter referred as "Co-Processer /end User" Which expression shall, unless repugnant to the context be deemed to mean and include its successor (S) and assigns of SECOND PARTY.

The above-mentioned parties to this agreement shall also be collectively referred to as "parties' "and individually as "Party".

WHEREAS the Generator is engaged in business of manufacturing & marketing of various API Products During the course of manufacturing of various API Products, Hazardous waste mention below in table is generated and the same is required to be disposed of as per the defined process;

	AARTI DRUGS LTD PLOT NO. 2509, 2902, 2904, 2601, 2602,	Chemical Sludge	35.3	15 MT/Year
1	2603, 2604 & 2605 G.I.D.C.	spent carbon	28.3	108 MT/Year
	SARIGAM – 396155 TA. UMBERGAON	Date Expired Products	28.5	0.18 MT/Year
	DIST: VALSAD – SARIGAM GUJARAT	Process Waste	28.1	364.2 MT/Year
	AARTI DRUGS LTD PLOT NO. 211, 213, ROAD NO. 2 G.I.D.C. SARIGAM – 396155	Process Waste / Reside	28.1	366.825 MT/Year
2	TA. UMBERGAON DIST: VALSAD – SARIGAM	spent Carbon	28.3	175.200 MT/Month
	GUJARAT	Chemical Sludge	35.3	40.15 MT/Month







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AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT         USIONER'S NAME AND ADDRESS:       ULR No.       :: CICA204024///interpretexted to the constrained of the strenge of th	EC	O\CLEAN							
USTORER'S NAME AND ADDRESS: ULR No. : TCS82622400000369F /s. Aarti Drugs Ld. (Unit-2) ot No.: 211, 131, Road No.: 2, GIDC Sarigam, its ubbate: 2503/2024 its Unbergaon, Dist: Valsad - 396155 Report Page: 1 of 1		AMBIENT	A	IR QUA			ALYSIS	REPORT	
at Nov-211, 213, Road Nov-2, GIDC Sarigam,       Issue Date       25:03/2024         ik: Umbergaon, Dist: Valsad - 396155       Report Page       1 of 1         EXEMPTION OF SAMPLE:       CHEMICAL TESTING       ATMOSPHERIC POLLUTION         at of Sampling       1       12:03/2024 to 13/03/2024       Sample Lab ID       1       Routine Monitoring         mpling W       1       ECS Team       Protocol (Purpose)       Routine Monitoring         mpling Time       1       06:45 Onwards       Date of Completion of Test       1 16/03/2024         mpling Method       1       15:182       Date of Completion of Test       1 16/03/2024         mpling Method       1       303/2024 & 19:35       Description of Location       Near ETP area         mperature (°C)       1       2       46       01 no. of PM <sub>25</sub> filter paper         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       01 no. of PM <sub>25</sub> filter paper         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       01 no. of PM <sub>25</sub> filter paper         ind Speed (Km/Hr)       15.2 NW       Quantity/ No. of Sample       01 no. of PM <sub>25</sub> filter paper         ind Speed (Km/Hr)       15.2 NW       Quantity/ No. of Sample       01 no. of PM <sub>25</sub> filter paper         ind		'OMER'S NAME AND A				ULR No. : 1	ГС8626240	00000369F	]
ESCRIPTION OF SAMPLE:       CHEMICAL TESTING       ATMOSPHERIC POLLUTION         te of Sampling       1       12/03/2024 to 13/03/2024       Sample Lab ID       :       AA-24-69         mpling By       1       ECS Team       Protocol (Purpose)       :       RAv24-69         mpling Hethod       1       15/13/2024       Date of Completion of Test       :       15/03/2024         mpling Method       1       15/13/2024       Date of Completion of Test       :       16/03/2024         mple Received Date & Time       1       23       Description of Location       :       Near ETP area         mpperature (°C)       :       24       Hours       Test Method Parameter       :       Industrial         ind Speed (Km/Hr)       :       15.2 NW       Quantity/ No. of Sample       :       01 no. of PM <sub>10</sub> filter paper, & 01 no. of PM <sub>10</sub> filter paper, & 02 bottles of gaseous samples of SO <sub>2</sub> & NO <sub>4</sub> RESULT TABLE         R       TEST       UNIT       RESULT TABLE       1       16/12 (Par-23)       1       1         1       Matter (PM <sub>10</sub> )       19/3       10.30       15:5182 (Par-24)       3       3       1       9.94       80.00       15:5182 (Par-24)       3       3       1       1       1 </td <td></td> <td></td> <td>GI</td> <td>DC Sarigan</td> <td>n,</td> <td></td> <td></td> <td>424</td> <td>1   </td>			GI	DC Sarigan	n,			424	1
te of Sampling : 1 12/03/2024 to 13/03/2024 Sample Lab ID : AA-24-69 mpling By : ECS Team Protocol (Purpose) : Routine Monitoring mpling Time : 08:45 Onvards Date of Starting of Test : 15/03/2024 aration of Sampling (Hrs) : 2 44 Hours Test Method/Parameter : As Per Result Table mple Received Date & Time : 13/03/2024 & 19:35 Description of Location : Near ETP area indity (%) : 2 46 midity (%) : 46 mole description of Location : Near ETP area midity (%) : 1 52.NW Quantity/ No. of Sample : 01 no. of PM <sub>16</sub> filter paper, 01 no. of PM <sub>25</sub> filter paper & 02 bottles of gaseous samples of SO <sub>2</sub> & NO <sub>4</sub> RESULT TABLE Result TABLE Result TABLE Result TABLE Result Particulate Matter µg/m <sup>3</sup> 71.55 100.00 IS:5182 (Part-23) 2 Fine Particulate Matter µg/m <sup>3</sup> 20.30 60.00 IS:5182 (Part-24) 3 Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup> 19:94 80.00 IS:5182 (Part-24) 4 Nitrogen Oxides (NO <sub>4</sub> ) µg/m <sup>3</sup> 18:41 80.00 IS:5182 (Part-2) 4 Nitrogen Oxides (NO <sub>4</sub> ) µg/m <sup>3</sup> 18:41 80.00 IS:5182 (Part-2) TE:- This report is subjected to the terms & conditions mentioned overleaf. RESULT TABLE Result TIME ETP & CONSULTING LLP WATER (Disconstruction) Dusting observed was moderate at ETP & Open from all sides. TE:- This report is subjected to the terms & conditions mentioned overleaf. Result TABLE Result Consult TING LLP WATER (Disconstruction) Dusting Observed was moderate at ETP & Open from all sides. TE:- This report is subjected to the terms & conditions mentioned overleaf. Result Consult TING LLP WATER (Disconstruction) END OF TEST REPORT	Tal: U	mbergaon, Dist: Valsad - 3	961	55		Report Page : 1	l of 1		1
mpling By       1       ECS Team       Protocol (Purpose)       1       Routine Monitoring         mpling Time       1       08:45 Onwards       Date of Starting of Test       1       15/03/2024         martin of Sampling (Hrs)       1       24 Hours       Test Method/Parameter       1       As Per Result Table         mple Received Date & Time       1       13/03/2024 & 19:35       Category of Area / Zone       1       Industrial         amidity (%6)       1       46       0       0       10       0.0 f PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       10       01 no. of PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       10       01 no. of PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       10       01 no. of PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       10       01 no. of PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       Quantity/ No. of Sample       10       01 no. of PM <sub>25</sub> filter paper, 0         ind Speed (Km/Hr)       1       15.2 NW       PERENINSDLE       TEST METHOD <t< td=""><td>DESC</td><td>RIPTION OF SAMPLE:</td><td></td><td></td><td>CHEMICAL T</td><td>TESTING</td><td>ATMO</td><td>OSPHERIC POLLUTION</td><td>1   </td></t<>	DESC	RIPTION OF SAMPLE:			CHEMICAL T	TESTING	ATMO	OSPHERIC POLLUTION	1
mpling Time       i       08:45 Onwards       Date of Starting of Test       i       15/03/2024         mpling Method       i       18:5182       Date of Completion of Test       i       16/03/2024         mpling Kethod       i       18:5182       Date of Completion of Test       i       16/03/2024         mple Received Date & Time       i       13/03/2024 & 19:35       Description of Location       i       Near ETP area         mpleng Tume (°C)       i       23       Category of Area / Zone       i       Industrial         ind Speed (Km/Hr)       i       15.2 NW       Quantity/No. of Sample       i       10 no. of PM <sub>25</sub> filter paper,         ind Speed (Km/Hr)       i       15.2 NW       Quantity/No. of Sample       i       01 no. of PM <sub>25</sub> filter paper,         0       no. of PM <sub>10</sub> filter paper,       01 no. of PM <sub>25</sub> filter paper,       01 no. of PM <sub>25</sub> filter paper,         1       Respirable Particulate       µg/m <sup>3</sup> 71.55       100.00       IS:5182 (Part-23)         2       Filter Particulate Matter       µg/m <sup>3</sup> 11.52       100.00       IS:5182 (Part-24)         3       Subplur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-6)         mark / Observation:       Dusting observe									1
aratio of Sampling (Hrs)       :       24 Hours       Test Method/Parameter       :       As Per Result Table         mple Received Date & Time       :       13/03/2024 & 19:35       Description of Location       :       Near ETP area         amidity (%)       :       2       23       Category of Area / Zone       :       Industrial         amidity (%)       :       146       Quantity/ No. of Sample       :       01 no. of PM <sub>10</sub> filter paper, 01 no. of PM <sub>25</sub> filter paper, 01 no. of PM <sub>25</sub> filter paper, 01 no. of PM <sub>25</sub> filter paper, 02 bottos of gaseous samples of SO <sub>2</sub> & NO <sub>3</sub> RESULT TABLE         Respirable Particulate       µg/m <sup>3</sup> 71.55       100.00       IS:5182 (Part-23)         2       Filter Particulate       µg/m <sup>3</sup> 20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>43</sub> )       µg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-2)         Generation:         Dusting observed was moderate at ETP & Open from all sides.   TE: This report is subjected to the terms & conditions mentioned overleaf. RCOMERAN CONSULTING LLP          Comerandor       END OF TEST REPORT.       END OF TEST REPORT.	Sampl	ing Time				Date of Starting of 7			
mple Received Date & Time       13/03/2024 & 19:35       Description of Location       :       Near ETP area         midity (%)       :       46       :       Industrial         midity (%)       :       15.2 NW       Quantity/ No. of Sample       :       Industrial         ind Speed (Km/Hr)       :       15.2 NW       Quantity/ No. of Sample       :       01 no. of PM <sub>19</sub> filter paper, 01 no. of PM <sub>19</sub> filter paper, 80 postows         Near ETST       Industrial       Quantity/ No. of Sample       :       01 no. of PM <sub>19</sub> filter paper, 80 postows         Near ETST       Industrial       Quantity/ No. of Sample       :       01 no. of PM <sub>19</sub> filter paper, 80 postows         Suppostow       :       15.2 NW       Quantity/ No. of Sample       :       01 no. of PM <sub>19</sub> filter paper, 80 postows         Suppostow       :       :       15.2 NW       Quantity/ No. of Sample       :       <									
amidity (%)       :       46         ind Speed (Km/Hr)       :       15.2 NW       Quantity/ No. of Sample       :       01 no. of PM <sub>10</sub> filter paper, 01 no. of PM <sub>25</sub> filter paper, & 02 bothes of gaseous samples of SO <sub>2</sub> & NO <sub>2</sub> RESULT TABLE         Respirable Particulate 0 PARAMETER       UNIT       RESULT       PERMISSIBLE LIMIT       TEST METHOD         1       Respirable Particulate (PM <sub>10</sub> )       µg/m <sup>3</sup> 71.55       100.00       IS:5182 (Part-23)         2       Fine Particulate (PM <sub>10</sub> )       µg/m <sup>3</sup> 20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-6)         Errer this report is subjected to the terms & conditions mentioned overleat.         RCOMPT AN CONSULTING LLP         5       SignATORY)         G. SHALKH	Sampl	e Received Date & Time	:	13/03/202	4 & 19:35				
ind Speed (Km/Hr)       :       15.2 NW       Quantity/ No. of Sample       :       01 no. of PM25 filter paper & 02 bottles of gaseous samples of SO2 & NO4         RESULT TABLE         Rogen and the second and						Category of Area / 2	Zone		-
RESULT TABLE         R       TEST PARAMETER       UNIT       RESULT       PERMISSIBLE LIMIT       TEST METHOD         1       Respirable Particulate Matter (PM10)       µg/m³       71.55       100.00       IS:5182 (Part-23)         2       Fine Particulate Matter (PM2.3)       µg/m³       20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO_2)       µg/m³       19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m³       18.41       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m³       18.41       80.00       IS:5182 (Part-2)         5       Mitrogen Oxides (NO <sub>x</sub> )       µg/m³       18.41       80.00       IS:5182 (Part-2)         6       Busing observed was moderate at ETP & Open from all sides.       IS:5182 (Part-2)       IS:5182 (Part-2)         First resport is subjected to the terms & conditions mentioned overleaf.         First Philos report is subjected to the terms & conditions mentioned overleaf.         FIRST NCONSULTING LLP         LIND OF TEST REPORT.					t	Quantity/ No. of San	mple	: 01 no. of $PM_{2.5}$ filter paper & 02 bottles of gaseous	
R.       TEST PARAMETER       UNIT       RESULT       PERMISSIBLE LIMIT       TEST METHOD         1       Respirable Particulate Matter (PM <sub>10</sub> )       µg/m <sup>3</sup> 71.55       100.00       IS:5182 (Part-23)         2       Fine Particulate Matter (PM <sub>2.5</sub> )       µg/m <sup>3</sup> 20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x1</sub> )       µg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-6)         Emark / Observation:         Dusting observed was moderate at ETP & Open from all sides.         TE:- This report is subjected to the terms & conditions mentioned overleaf.         RECOMPRENANCONSULTING LLP         4       Sign ATORY)         G. SHALKH         JIND OF TEST REPORT	198				DEGUN			samples of $50_2 \approx 100_x$	-
O.       PARAMETER       LIMIT         1       Respirable Particulate Matter (PM <sub>10</sub> )       µg/m <sup>3</sup> 71.55       100.00       IS:5182 (Part-23)         2       Fine Particulate Matter (PM <sub>2.3</sub> )       µg/m <sup>3</sup> 20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-6)    TE: This report is subjected to the terms & conditions mentioned overleaf. RECONSTANCONSULTING LLP WHARMURT G. SHALKH UTHORIZED SIGNATORY)END OF TEST REPORT	SR.	TEST		UNIT				TEST METHOD	1
1       Matter (PM <sub>10</sub> )       μg/m       71.53       100.00       15:5182 (Part-23)         2       Fine Particulate Matter (PM <sub>2,5</sub> )       μg/m <sup>3</sup> 20.30       60.00       15:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       μg/m <sup>3</sup> 19.94       80.00       15:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       μg/m <sup>3</sup> 18.41       80.00       15:5182 (Part-6)         Emark / Observation:         Dusting observed was moderate at ETP & Open from all sides.         TE:- This report is subjected to the terms & conditions mentioned overleaf.         RECOMPS AN CONSULTING LLP         G. SHALKH       UTHORIZED SIGNATORY)         LEND OF TEST REPORT	NO.		4	UNII	RESULT	LIMIT		TEST METHOD	4
2       (PM <sub>2.5</sub> )       µg/m <sup>2</sup> 20.30       60.00       IS:5182 (Part-24)         3       Sulphur Dioxide (SO <sub>2</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       µg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-6)         semark / Observation: Dusting observed was moderate at ETP & Open from all sides.         TE:- This report is subjected to the terms & conditions mentioned overleaf.         RECOMPSEAN CONSULTING LLP         G. SHALKH       JIHORIZED SIGNATORY)        END OF TEST REPORT	1	Matter (PM <sub>10</sub> )		$\mu g/m^3$	71.55	100.00		IS:5182 (Part-23)	
3       Sulphur Dioxide (SO <sub>2</sub> )       μg/m <sup>3</sup> 19.94       80.00       IS:5182 (Part-2)         4       Nitrogen Oxides (NO <sub>x</sub> )       μg/m <sup>3</sup> 18.41       80.00       IS:5182 (Part-6)    Emark / Observation: Dusting observed was moderate at ETP & Open from all sides. TE:- This report is subjected to the terms & conditions mentioned overleaf. RECOURSE AN CONSULTING LLP G. SHALKH UTHORIZED SIGNATORY)	2			$\mu g/m^3$	20.30	60.00		IS:5182 (Part-24)	
Emark / Observation:       Dusting observed was moderate at ETP & Open from all sides.         TE:- This report is subjected to the terms & conditions mentioned overleaf.         RECOMPEAN CONSULTING LLP         G. SHALKH         UTHORIZED SIGNATORY)	3			µg/m <sup>3</sup>	19.94	80.00		IS:5182 (Part-2)	1
TE:- This report is subjected to the terms & conditions mentioned overleaf. RECORDEAN CONSULTING LLP G. SHALKH UTHORIZED SIGNATORY) 	4	Nitrogen Oxides (NO <sub>x)</sub>		µg/m <sup>3</sup>	18. <mark>41</mark>	80.00		IS:5182 (Part-6)	
TE:- This report is subjected to the terms & conditions mentioned overleaf. RECORDEAN CONSULTING LLP G. SHALKH UTHORIZED SIGNATORY) 	0			1 1				the second second	
R FC COOLEAN CONSULTING LLP G. SHALKH UTHORIZED SIGNATORY) 	Kema	rk / Observation: Dus	sting	g observed	was moderate at	ETP & Open from all s	ides.		1
G. SHALKH JTHORIZED SIGNATORY) 	OTE:	- This report is subjected	to t	he terms &	conditions men	ntioned overleaf.			
UTHORIZED SIGNATORY)	OR	COOR EAN CONSU	JL	<b>FING LL</b>	P				
UTHORIZED SIGNATORY)	2	an estite -							
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UTHORIZED SIGNATORY)	(w	- S							
END OF TEST REPORT	I. G.		D	N)					
nat No: ECS/GEN/FM-004					.END OF TE	ST REPORT		••••••	
nat No: ECS/GEN/FM-004								<b>(2)</b> (2)(2):4	in
	ermat N	o: ECS/CEN/EM-004							225
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20-21, 2 <sup>nd</sup> Floor, Surat-Navsari Main Road, Nr. Dena Bank, Bhestan Char Rasta, Bhestan, Surat-395023, (Gujarat) INDIA.								100 A 100	10



# Annexure – 8 (Stack Monitoring Report- DG set)

		EC			ONSULTIN ory Testing)		. P	
ECO	OVCLEAU	STAC	W MON		REPORT			
CUSTO	MER'S NAME AND A	ADDRES	S:	NITORING A	ULR No. :	<b>REPOR</b> TC862624		0000371F
	ti Drugs Ltd. (Unit-2)				Test Report No. :	ECL/2024/	04	
	211, 213, Road No:- 2 bergaon, Dist: Valsad - 3		Sarigam,			25/03/2024 1 of 1	1	
	engueni, Bioti Fulbud	570155			Report Fage .	1011		
	PTION OF SAMPLE:			CHEMICAL T	ESTING	AT	MC	OSPHERIC POLLUTION
Date of S Sampling	ampling		03/2024		Sample Lab ID		:	ST-24-156
Sampling	Time		S Team 20 Onwar	ds	Protocol (Purpose) Date of Starting of	Test	:	Routine Monitoring 13/03/2024
Duration	of Sampling	: 48 1	Minutes		Date of Completion		:	16/03/2024
	Received Date & Time	-	03/2024 &	2 19:00	Test Method/Param		:	As Per Result Table
Packing/ Descripti	on of Sampling	. Stac	king ck attache 0 KVA)	d to D.G. Set	Quantity/ No. of Sa	mple		1 no. of thimble, 1 bottle of gaseous sample & 1 Flask
	PTION OF STACK/V	ENT:						
Sr. No.				ALL ALL S				
1	Air Pollution Control			1				ack Height
2	Stack Height (Mtr) an		. ,			11		10.3
4	Temperature of Flue Velocity of flue gas (		4				12	
5	Type of Fuel Used	iii/s)					Dies	
	Type of rule osed	-		RESULT	TABLE		JICS	
SR. NO.	TEST PARAMETER		UNIT	RESULT	PERMISSIBLE			TEST METHOD
1	Particular Matter (PM	) m	ng/Nm <sup>3</sup>	19.36	150.00			IS 11255 (Part-1)
2	Sulphur Dioxide (SO <sub>2</sub> )	)	ppm	16.55	100.00			IS 11255 (Part-2)
3	Nitrogen Oxides (NOx	-	ppm	10.84	50.00			IS:11255 (Part-7)
5	Thu ogen Oxides (110x	0	ppm	10.04	50.00			13.11255 (Fait-7)
NOTE: FOR E	Observation: D. D. report is subjecte D. CONS D. CONS	d to the t SULTIN	erating at terms & c NG LLP	rated load. SMF conditions ment	: Adequate, One Port tioned overleaf.	hole provic	led.	, Weather Condition: Clear.
			EN	D OF TEST	REPORT			



# Annexure – 9 (Fire Hydrant System)







# Annexure – 10 (Sample Medical Check Up Record)

DR. VIKAS		- 11.0.			
			軒 / PERIODI		
Name Mr Ro	onak ,	patel	3	D.O.B	3.1 Age 24.07.199
Destaurations	0460	nr	Date of Joini	na 01:07-2020	мов
Address: AA	RTI DRUG	<b>GS LIMIT</b>	ED, PLOT NO. 211-2	13, G.I.D.C. SARIG	AM
Past Occupatio	ons details _		-		
			,		
Height 162 c	cms. Wt. 59		hest	ation	Healthy
B.P		n. Hg. Puls	e//min. Resp	tom / Other finding:	······
Respiratory sys		vascular VAO	system / Alimentary sys		
Colour Vision	Right Eye	Left Eye	Normal / Colour Blind		Positive / Nega
Far Vision	6/6	6/6	Normal / Deminished	Blood Hb: 15.3	gms%
Near Vision	N/6	N/G	Normal / Deminished	Urine:WNL	-
Opinion: Norn		duised Oph	thalmic Consultation	Blood Sugar F/PP/ F	Rand mg
Se. Creat:	mgi	m% Se. E mgm% Se	3ilirubin: m . HDL mgm%	gm% Se. Alk. Pho	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero	mgi	m% Se. E mgm% Se	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 6 Se. LDL r	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero	mgi	m% Se. E mgm% Se	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 6 Se. LDL r	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero	mgi	m% Se. E mgm% Se	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero	mgi	m% Se. E mgm% Se	3ilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL r	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug	mgi nark: gestions:	m% Se. E mgm% Se <u>f?</u> <u></u>	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL r	i.u./L mgm% VLDL mş
Se. Creat: Se. Cholestero Identification m Opinion & Sug	mgi nark: gestions:	m% Se. E mgm% Se fit	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL r Se. LDL r	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin	gestions:	m% Se. E mgm% Se <u>f?</u> e examined / net fit to p	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL r Se. LDL r Se. LDL r Se. LDL _	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin	gestions:	m% Se. E mgm% Se <u>f?</u> e examined / net fit to p	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL Se. LDL CATE Atulo by CH3CP2 : disease.	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin	gestions:	m% Se. E mgm% Se <u>f?</u> e examined / net fit to p	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL Se. LDL CATE Atulo by CH3CP2 : disease.	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin	gestions:	m% Se. E mgm% Se <u>f?</u> e examined / net fit to p	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL Se. LDL CATE Atulo by CH3CP2 : disease.	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin	gestions:	m% Se. E mgm% Se <u>f?</u> e examined / net fit to p	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL Se. LDL CATE Atulo by CH3CP2 : disease.	i.u./L mgm% VLDLms ai Patal prodection aturetime DR. VIKAS M. PATIL Industrial Physician A
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin Further he is n	gestions: y that I have ion he is fit / ot suffering f	m% Se. E mgm% Se <u>fit</u>	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho 5 Se. LDL CATE Atulo by Offscor disease. Sign	i.u./L mgm% VLDL mg
Se. Creat: Se. Cholestero Identification m Opinion & Sug This is to certif and in my opin Further he is n	gestions: igestions:	m% Se. E mgm% Se <u>fit</u> e examined / not fit to p from any co	Bilirubin: m . HDL mgm%	gm% Se. Alk. Pho Se. LDL r Se. LDL r CATE Atulbha Other for for for for for for for for for fo	i.u./L mgm% VLDLmg az Padal production production DR. VIKAS M. PATIL Industrial Physician A Reg. No. 3 Reg. No. 115)



Narayan Kotkar (Bsc., PG, DMLT)	Sunday Ope	en Mot	o : 9890291509 / 98600358
Lab ID:57563Patient Name:Mr. RONARef By:Dr. VIKAS FCompany Name:A.D.L 211		Reg. Date Report Date Age/Sex	: 05-04-2024 : 05-04-2024 : Year/Male :
	EXAMINATION OF E	BLOOD	
TEST	RESULT	REF RANGE	UNIT
<b>RBC PARAMETERS</b>			
Haemoglobin	15.3	11 to 17	gm/dl
WBC PARAMETERS			5, 2.
Total W.B.C. Count	7,900	4000 to 12000	per cumm
Neutrophils	50	40 to 75	%
Lymphocytes Monocytes	45	20 to 45	%
Eosinophils	03 02	2 to 10	%
Basophils	00	2 to 6 0 to 2	%
Platelets on Smear	:Adequate on		%
.01			2
DHVSTCAL EVANTUATION	URINE EXAMINAT		
PHYSICAL EXAMINATION	<u>menose</u>	OPIC EXAMINAT	ION
Volume 10 ml	RBC	Absent	
Color Pale Yellow	Pus Cells	1 - 2 / HPF	
Appearance Clear	Epithelial	1 - 2 / HPF	
Ph pH - 6.0	Bacteria	Absent	$\prec$ $\sim$
CHEMICAL ANALYSIS	Yeast	Absent	
Albumin Absent	Cast's	Absent	
Glucose Absent	Crystals	Absent	
Acetone Absent			
, ibouite	Occult bloc		
Bile Salt Absent	Bile Pigme	nt Absent	
Platelet Count In Lakhs			
i latelet count in Lakiis	:348000 150	000-450000	
	END OF REPORT		
			ML
			101



# Annexure – 11 (Noise Monitoring Reports)

E			E		Labora				NG	LLF	•				
				NOIGE		REPO									
CUST	OMER'S NAME & AI	DR	ESS:	NOISE	MONI	ULRN				240000	002721				
M/s. A	Aarti Drugs Ltd. (Unit-2)									24/0427					
	lo:- 211, 213, Road No:- mbergaon, Dist: Valsad -			Sarigam,		Issue I			5/03/20	24					
1 al. U	indergaon, Dist. Vaisad	. 390	155			Report	Page (	s) :1	of I		_				
DESC	<b>CRIPTION OF SAMPL</b>	E:	- 26	CHEM	ICAL TI	ESTING				ATM	OSPH	ERIC	POLL	UTIO	N
	of Monitoring	:	1	03/2024		Sample				: N	0-24-2	28			
Monito	oring By	:		S Team 20 to 13:05 (Day	Time	Protoc	ol (Pur	pose)		: R	outine	Monito	oring		
	oring Time	:	& Tim	22:30 to 23:15 ne)		No. of	Locati	on(s)		: 0.	5				
<u> </u>	ory of Area / Zone ing Method	:		ustrial		Type o					ource				
sampi	ing method	:	15/1	SO 8528 (Part-10	))	Calcula	ation N	lethod	1	: A	s Per (	CPCB (	Juideli	nes:20	15
						LT TAB	LE								
				NOISE LEV	EL IN d	B (A)		1	PER	MISSI	BLE L	IMIT o	dB (A)	1	
SR. NO	LOCATION(S	9		Day Time (D.T.) (06:00 Hrs to	Night (N. (22:00	T.)	Indu	strial	Com	nercial	Resid	lential	Si	lent	D.G. Set
				22:00 Hrs)	06:00		D.T.	N.T.	D.T.	N.T.	D.T.	N.T.	D.T	N.T	-
	New			Leq	Le	-					19. s.				
1 2	Near Security Main Ga Near Boiler area	te ar	ea	67.7	66		A.								
3	Near ETP area	-		72.7	69		75	70	65	55	55	45	50	40	75
	Outside Production Con	npar	IV	72.5	68	.0	15	10	05	55	55	45	50	40	15
4	Premises area	Par	-	70.8	68	.9									
5	1 Meter away from D.C	i. are	a	74.8	69	.8		1		-			1.84		
Rema	ark / Observation:	No	oise fi	rom wind was ne	eglected.	Using s	hield,	exterio	r noise	and oth	ner sou	rce of	noise	was ne	glected.
	E: - This report is subje			eather was clear.	itions me	ntioned	overla	eaf.							
	RECORDEAN CO					anoneu	overn								
1	ST III														
	recto													5	
X	3 5														
	G. SHALKH														
(AU	THORIZED SIGNA	AT(		) E		TEST	DE	DODT	-						
			•••••	E	100		REI	UNI							
													ų,		<b>空告</b>
	at No: ECS/GEN/FM-007												- 5	3 (ř	100
Forma		-	-	and the second se											





 Office Address: Gate No.1414, Near Ranjangaon Bus Stop Ranjangaon, Tal. Shirur, Dist. Pune - 412209.
 O eurofinelab@gmail.com
 O 9922474646 / 9637345858

			TE	ST REF	PORT				
Report I	No:	EFEL/PRO	/2024/04/295		Issue Date	Т	19/04/2024		
Name a	nd Address of er	AARTI DRU	AARTI DRUGS LTD. Plot No. 211 & 213 Road No. G.I.D.C. Sarigam, Valsad, Gujarat-396155						
Sample		DG-SET-No			Date of Sampl	and the second se	17/04/2024		
Samplin	g done by	M/s. ENVI	RONMENT ANA	LYST & EI	GINEER				
			DG Noise	Monito	oring Repo	rt			
Sr. No.	Tost L	ocation	v.		ig in dB(A) way from DG	1		Difference	
	, , , , , , , , , , , , , , , , , , ,	ocation	North Side	East Side	South Side	West Side	Avg.	dB(A)	
1				DG-SET-	750KVA-01	L			
1A	Without Enclo	sure	101.6	99.4	102.3	99.1	100.60		
	With Enclosur		74.6	74.0	75.2	74.3	74.52	26.07	

Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during with and without enclosure of DG.

Authorized Signatory Mr. Mahesh Shelar (Managing Director)

Page 01 of 01

 Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.
 Registered Address: Flat No. A-5, Balaji palace, Kharadi Road, Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.
 Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.
 Certifications: ISO 9001 : 2015 • ISO 14001: 2015
 ISO 14001: 2015



# Annexure – 12 (Safety Training Attendance Sheets)

PERIOD: Je Name of Depar	m-24 to Dec-24 tment: Safety.	rti dri	UGS L1		ot No.: 2			'ION: GID	IC, SARI	GAM				F
	Prepared By:		A	pprovec		- FLAN		animad D.						
Signature with	Date: hoton-			Not	lollow	1 (8		norized By			inned			
	Section head			QA Hea	d			nit Head			mpleted			
A: Assistant, O:	Officer, E: Executive,									-				
Date of Training need		1 To			Tr	aining P	lannod in	the Mor						
Identified	Торіс	To Whom	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	1		
20/01/2024	Safety work Permit	A, O,E	20-1-24							AUG	JOEP	OCT	NOV	D
			20-1-29	115			+		 		L		·	
17102/2024	Plant Inspection and Checking	A,0,E	1	20-2-24									<u>  .</u>	Ļ
11/03/2024	Safeti Appliances (Fire Fighting Aid)	A.O.E		1	05-3-24								1	
16/04/2024	Handling of Personal Protective Equipments			-										
101 11 2004	Protective Equipments	A.O.E				11-4-24	1							
15/05/2024	Spillage Control & Handling of Comosive   Instant ChemiCal & Flammable Solvent	A,O,E					1101	1		T	4	T		
121-5/2011	Emeggency Communication SYStem	1					14-5-24							
17/06/2024	chicogener communication:			1				13-6-24		- tet -			1	

	PIC/Document Name & No. : SAFE TY PERMIT	(SAF 1007)	ersion No.: 03	
	PARTMENT : Engg, Production, H Maint, BA, QL	R, WH, IT D	ATE : 20/01,	
	iconference Hair	т	RAINER SIGN.:	
TRA	SRIKant Sanap	Т	IME DURATION	1: 11: 30 AM - 12 01
Sr. No.	NAME OF THE PARTICIPANT: (Employee /Contract Worker)	Department Name	EMP. NO:	TRAINEE SIGN.
1.	Anish scirti	Engincerity	-	01718h 20101/24
2.	Damon Puter	Enginewin	211719	Dugarollizor
3.	Mayant Mangely	Producting	213041	O Lolorkozy
04	Sangeen Sharma	1pod'n	213072	(3 guy 20/01/24
05	Kamlakar Pahil	·HR	211835	10 20101/2015
6.	Granesh Potrica	Engg Stone	211843	01 20107/2024
7.	Mihir. Hemant. Matyaranshi	Eng. store	211842	2010112024
8.	Royal Doorph cardoza	coarcha	211822	Constitut
9.	Don't Kemor	IT	211825	Ar20101/2024
10	Mohnish Gokij	production	G60253	20/01/2024
11	Santosh Vadu	Maint.	-	8 20101129
12	Shubham Singh	Production	213063	Proloiky
13	Jugesh 5. Pettie	COA	211841	The Tollery
14	Mahenlon P. Brendersi	QA	521323	10001)24
15	Prabhakar Kamathe	Production	213077	Pazolo1 24
16	Gitesh phir	Q.C	211478	A 20101/2024
17.	Smit Ahir	Q.C.	213089	5-2010112024
		A		
				Mikant-24
				(PA/002/F4/04)
				,,

	PIC/Document Name & No.: Plant In & Checking (S PARTMENT : Engg, production, HA Maint, GA, GC IUE : Conference Ho	SOP/23) , WH, IT D	ersion No.: 0  ATE : 20 02 RAINER SIGN.:	Carl Contract of the second second
	INER : SRIKont Sanap			20-2-24 : 11. 30 AM - 12:10 PM
Sr. No.	NAME OF THE PARTICIPANT: (Employee /Contract Worker)	Department Name	EMP. NO:	TRAINEE SIGN.
1.	Anish surti	Engineering		Antsh 124
2.	Sanket Dawane	Engineery	211724	All spy.
3.	Darpun Pater	Engineering	211719	Quanzolowan
4.	Mayank Mangelg	Moduction	RISOU	Bzolklary
5.	Kamlakan Patil	HR	211835	A12062/2024
6.	Granesh Peetra	Engg Store	211843	Almeolo2/2024
7.	Mihim Hemant Matyoulonship	Egg. Hose	211842	20102/24
8.	Mihin Henant Matyavashi Royal Joseph Condon	which	211827	C no loc more
9	Amit Kumar	IT	211825	Q# 20 )02 )2024
0	pagi vipul	production	-	Arright .
11	Trakash The	Troduction	241839	20/02/24
12	Pranin 1. orchardcaz	Production	213066	p DIOZINY
13	Shubham Singh	Production	213063	20102/2m
4	Yogesh S. Retti	CQ A	211841	The Tostang
5	Malendor J- Bheen Jus'	QA	E-21313	Dotor 124
6	Prabhakar Kamathe	Production	Cont 211/212	F=11 20102/24
7.	Smit Alur	0- C	213089	5-2010212024
-	NA NA			
-				) 77Kgnt 20-2-24
-		1		(PA/002/F4/04)

TOF	PIC/Document Name & No. : SAFE T	APPLIANCEV	ersion No.: 03	
	ZFIRE FIGHTING	A104 (SOP/03)	ATE : 05/03	
VEN	8 A	• / . /	RAINER SIGN.:	
	IVE : Near Gate no-c NINER : SRIKANT SANAF	Lall		Di Kant 05/03/24 : 11.00 - 11.40
Sr. No.	NAME OF THE PARTICIPANT: (Employee /Contract Worker)	Department Name	EMP. NO:	TRAINEE SIGN.
17	Shubham singh	Production	213063	2
2.	Sanket Dome	Eng	211729	ar
3)	Kamlakar Patil	HR	211835	How -
4)	Millin Pralizartanti	Engg. store	211842	(Ta)
Ž	Branov. R. Prayapati	Roduction	213086	7
6)	Ganosh Patria	Store Engg	211843	lyn
7	Sungo Pratat yada	Production		<u></u>
8.	Anish surti	Engy	-	Cost03/24
9	Sangeen Sharma	prod'h	213072	Sauy oslosper
10	Recept practices	Q.A	-	55/03/2y.
h	Krishna Pandey	Q. A.	~	P5103124
12	Pathali Rushikesh	QA	-	91009513124
3	Scmeichan Pytil	QA		St-05/03/24
14	Mayank Mangely	modulation	213041	Jostosleozy
-				
-		NA		
		71 1		
-				billant 24
		and the second second		(PA/002/F4/04)

то	PIC/Document Name & No. : Shillage Of Corrosive I I milant Chemic Solvent (SAF/015 PARTMENT : Production, HR, En	control & Handling cal & Flammable )	/ersion No.:03	2024
VE	NUE : Conference Hall	193 Store, Maint, T	RAINER SIGN.	JAKANE 14/05/24
TR	AINER : Smikant Sanap			1.: 11.30 - 12.30
Sr. No.	NAME OF THE PARTICIPANT: (Employee /Contract Worker)	Department Name	EMP. NO:	TRAINEE SIGN.
1.	Anish surti	Engg	211851	Otri h 12105124
2.	Reyor Gaire	meintenance	-	(Ray 24 105)24
3	Sumit. S. Koli	Production		PI1105124
4	Arvind Kumar Yadau	Production	-	At 14105124
5.	Prakash Tha	Freduction	24839	110 110 24
6	Mulcesh D. Thakare	Production	-	in lostan
7	Nilesh M. Raiput	production	211840	14Tostm
8,	Ihaval Dhassiwala	production	213034	Priviosizy
9.	Singa Protap yadat	production	213012	8/ 14/05/24
10	Ningy Mane	QC	213095	\$ 14/05/2025
11	Ruxit Nayak	QC	-	RN
2	Jogesh S. Patil	QA	211841	Th 1510512024.
3	kim Dhodi	QC	213098	8/14/01/2024
4	Receipty prevelling	QA	-	Ray
5	Bhuresh pater	De	213202	14/05/202
+	Amit Kumor	IT	211825	14/05/2024
A	Royal Joseph cardorn	1014	211827	014/05/2029
8	Nisar Punchkar	H.R	211834	Niño leezy
9	Baraf Brijets. A	Engy	- 0	Juijers 14/00/2024
20	Mibir. Hemant: Matyoularshi	Engg. store	211842	4105129
-				
				(PA/002/F4/04)

TR	· · · · · · · · · · · · · · · · · · ·	uj ·	ATE : 13/06/ n, Salety RAINER SIGN.:			
TRAINER       :       Mr. Bachin Tampe       TIME DURATION.:       11.40 - 12.20         Sr.       NAME OF THE PARTICIPANT:       Department       EMP. NO:       TRAINEE SIGN.						
No.	(Employee /Contract Worker)	Name				
0	Nizav Kinetkaz Amit Kimov	11.R	211834	Nite 3706 12024		
<u>१.</u> 3.	Bhavesh pctel	IT	2118<3	They to 6/204		
<u>s.</u> 4.	Sanika · N · Dhodi	Q.C.	213200	B106/204		
5.	Knunal Sankhe	Q.C.	£13099	73106/2024		
6.	Smit Ahir	O.C	213089	5 13/06/2024		
7.	Hitendre P. Maher	heft	211816	C1316/24		
8.	Ginich Jacher	Cer	21,319	H3/6/2014		
q	Mahendra P. Bhandar	QA	15-21313	RI		
10.	Darym Patel	Englaverite		1310612024 Quart2100 horn		
11.	Sanket Daware	Com	211724	APTONY.		
12	Mayank Mangely	Safety	210041	Fislosky		
13	ruitu Pal	pooluction	213090	006/24		
14	Shubham singh	Production	213063	213106/24		
15	Provor - Projapati	Production	213086	1-13106/24		
16	Pagn Amitleumar	production	213087	A13106124		
	(84)					
	13/06/2014					



# Annexure – 13 (Mock Drill Report)

		PLOT	NO. 211,213 SARIGAM	
		M	OCK DRILL REPORT	
Date	Day	Time	Location	Type of Drill
16.03.202	4 Monday	10.35 AM	Ortho Xylene Receiver	Leakage
	_		Mock Drill Planning	
	-		Participants	
Sr.No.	Name of (	Observer	Designation	Area of Observation
01	Mr.Kamalak	ar Patil	HR Admin Head	Assembly Point
02	Mr.Sanjay Va	arpe sir	D.Y. Manger QC	Incident area
03	Mr.Mahendra	a Bhandari	QA Executive	Incident area
			Alarm Method	
1. Blowing	siren for leakag	e on site emerger	ncy -10 second on 10 second	off - four times
2. Straight	siren for all clea	r- 1 Minute	10	RANCAWAR
		Safety Eq	uipment's deployed Locatio	ns
1.SCBA So 8.Gas Mas	et 2.LEL Meter 3 k 9.Hydrant Hos	3.Safety Suit 4.Ha e Pipe 10.Hose F	and Gloves 5.3M Respirator 6. Reel etc.	Helmet & Safety Shoes 7.Stretcher
			Drill Scenario	1.t
supervisor controller) situation a controller i Reach of s personnel/i material. P from gas tr aid report t the person the level of pottom valv aken the s matching t	about leakage with continue of not taking the of afform to emerge affety officer to essential worker ant operator try buble due to gas o HR dept. Toxi to vacate the p emergency i.e. to by using SCB ample of enviro me all employed	of ortho xylene, combating effort, charge of situation ency controller ce the spot and rep r reaches on the to control the lea s inhalation. Immi- ic control team of lace, site main co on site emergence (A set and leaked inment found below es at assembly	He comes at incident site an Reach of incident controller in and inform to site main of onter. Emergency control cent bort to Incident controller and a site and using inert materi- kage under guideline of incide ediately evacuated the victim boserve the gas level high of ontroller reaches on the site & y. Expert team of ADL 211 & I Ortho xylene diverted to neu- point on site emergency cal	ng. So he immediately inform to site d inform to shift incharge (Incident r at incident spot and assess the controller about incident. Site main er inform to all dept about incident, arrange necessary PPE's. All key ial & earth for absorbing the spill ent controller but failed and suffering by rescue team and after given first workplace, safety person instructed & assess the situation and declares 213 control the leak by closing the tralizing system. Toxic control team ain controller. After accounting and led off by site main controller as at directed blow the all clear siren 1
Minute stra				

### AARTI DRUGS LIMITED PLOT NO. 211,213 SARIGAM

## MOCK DRILL REPORT

### Prior information Given to following Persons

1.Mr.Sachin Tambe 2. Mr.Kamalakar Patil 3. Mr.Sanjay Varpe 4. Mr.Shailesh Kadam 5. Mr. Mr.Mahendra Bhandari 6.Mr.Prabhakar Kamathe 7. Mr.Hitendra maher 8. Manmohan Jha(Security) 9.Darpan Patel 10.Jitesh Ambhire

	Drill C	bservations			
Sr. No.	Description	Start Time (Minutes)	End Time (Minutes)	Total Time Taken (Minutes) 1.23	
01	Emergency Siren started at:	10.35 .00 AM	10.36.23 AM		
02	Evacuation Started at:	10.36.23 AM	10.45.18 AM	10.41	
03	Last Person Arrived at assembly point at:	10.45.18 AM	10.46.18 AM	1.0	
04	Headcount Started	10.46.18 AM	10.50.20 AM	4.02	
04	Fire mitigation started at: ( in case fire)	N.A	N.A	N.A	
05	Fire mitigation completed at:	N.A	N.A	N.A	
06	External Communication sent at:	N.A	N.A	N.A	
07	Returning back siren started at:	10.57.00 AM	10.58.00 AM	1.0	
08	Last person returned to work at:	10.58.00 AM			
	TOTAL TIME ( MINUTES):	23:00 MINUTE	S		

## Headcount Done By Security Head Headcount (Total no. of employee / Contract worker / Visitor / Team member gather at assembly point 205

	Observations by deployed	observers	
Sr. No.	Points	Observer	Remarks
01	Safety eye wash Shawer required at Main Gate	Mr.Kamalakar Patil	
02	One SCBA Required	Mr.Mahendra Bhandari	

	Prepared By	Checked By
Sign & Date	Dikans 16 103124	8 16 /03/2021
Name	Srikant Sanap	Mr.Sachin Tambe
Designation	EHS Head	Unit Head

Page 2 of 2

#### AARTI DRUGS LIMITED PLOT NO. 211 & 213, SARIGAM Annexure –II

#### Mock Drill Scenario

## ON SITE EMERGENCY MOCK- DRILL

## ORTHO XYLENE LEAKAGE FROM PIPE LINE NEAR BOTTOM VALVE OF RECEIVER NEAR PSM AREA

#### AARTI DRUGS LTD , SARIGAM

Actual Time	Min.Sec	Activity	Action by
10.15 A.M.	00.00	Observe Ortho xylene leakage by plant operator from joint flange of receiver near PSM area. Plant operator try to attempt to combat with the available resources and with help of co-workers without risk, but situation is out of control and threatening.	Plant operator Mr.Sushant Mahato
10.16 A.M.	01.00	Plant operator inform to site Officer.	Plant Operator
10.17 A.M.	02.00	Officer inform to Shift Incharge. (incident controller)	Mr.Shailesh Kadam
10.19 A.M.	03.00	Incident controller immediately reach the incident site and assess the situation then inform to Site main controller about the incident in the PSM area.	Mr.Shailesh Kadam
10.31 A.M.	12.00	Site main controller inform to Emergency Control Center and he inform to safety person and rescue team.	Mr. Sachin Tambe
10.33 A.M.	13.00	Site main controller reaches on the site & assesses the situation.	Mr. Sachin Tambe
10.34 A.M.	15.00	Emergency control center inform to all Dept. of the plant about Ortho xylene leakage.	Emergency control Room
10.35 A.M.	16.00	Blowing siren started for leakage.	Emergency control Room
10.37 A.M	17.00	All key personnel / essential workers / safety personnel reaches on the site and using inert material sand & earth for absorbing the spill material.	ADL team
10.38 A.M	18.00	Plant operator try to control the leakage under guideline of Incident controller but failed and suffering from gas trouble due to gas inhalation.	Plant operator
10.40 A.M	20.00	Immediately evacuated the victim by rescue team.	Rescue team
10.41 A.M	21.00	First aid given to Victim by trained first aider.	Mr. Mayank Mangela
10.42 A.M	22.00	Safety person instructed the persons to vacate the place.	Mr. Srikant Sanap
10.43 A.M	23.00	Site main controller reaches on the site & assesses the situation.	Mr. Sachin Tambe
10.44 A.M	24.00	Expert team of Aarti drugs Itd 211 controlled the leak by closing the bottom valve by using SCBA set and leaked Ortho xylene diverted to neutralizing system.	Mr. Darpan Patel &

AARTI DRUGS LIMITED
PLOT NO. 211 & 213, SARIGAM
Annexure –II

## Mock Drill Scenario

10.48 A.M	28.00	Toxic control team taken the sample of environment found below limit, report to site main controller.	Mr. Sachin Tambe
10.50 A.M	30.00	On site emergency called off by Site main controller after accounting and matching the all employees at assembly point.	Mr. Sachin Tambe
10.51 A.M	31.00	As the message from emergency control center received for all clear, security dept directed blow the all clear siren (1 minute straight siren).	Security
10.55 A.M	35.00	Restore condition	Team members



## AARTI DRUGS LTD.

## Plot No. 211 & 213, GIDC, Sarigam

## Member of Mock Drill

Date: 16.03.2024 Time: 10.15 A.M Place / Location: Ortho xylene receiver (V-1302) Near PSM (Third Floor) Type of Emergency: Leakage and gas trouble injury

Activity	Team Member for Mock Drill			
Victim	Mr. Sushant Mahato			
Production Officer	Mr. Ravi Patel			
Work In charge( Incident Controller)	Mr.Shailesh Kadam			
Main Site Controller	Mr. Sachin Tambe			
First Aider	Mr. Mayank Mangela			
Evacuation team	Mr. Royal cardoza & Team			
Toxic Control	Mr. Subham Singh & Team			
Emergency team/Technical team	Mr. Darpan Patel & Team			
Investigation team	Mr. Srikant Sanap			
Observer	Mr.Sanjay Varpe, Mr.Kamalakar Patil & Mr.Mahendra Bhandari			
Doctor				
Communication	H.R. & Security Dept.			
Van Driver				
Material	SCBA Set, First aid Kit, Stature, Gas Mask, Safety dress, Goggles, 3 M Respirator & apron etc.			

Page 1 of 1





## Mock Drill

( Ortho-Xylene Leakage and Gas trouble injury)

Sub:- (Liq. Ortho-Xylene Leakage and Gas trouble injury Mock-Drill) Date:- 16.03.2024 Duration :- 10.15 to 10.55 Hrs Venue:- Block No-01,PSM area (Third Floor)

We successfully conducted the leakage mock drill in our organization on 21.09.2023 at 10.55 hrs under the guidance of factory inspector, Mr.Sachin Tambe as per guide line of Factory Inspector. The location selected Block No-01,PSM Area (Third Floor) near Ortho-Xylene Vessel.we chose Ortho-Xylene leakage From Vessel V-1302 joint flange below bottom valve. it is the highly Flammable and Corrosive chemical, plant operator try to control the leakage under guideline of incident controller but failed and suffering from gas trouble due to gas inhalation.

Our mock drill team immediately evacuated the victim by rescue team and after given first aid report to HR dept. Toxic control team observe the gas level high of workplace.Safety person instructed the person to vacate the place. site main controller reaches on the site & assess the situation and declares the level of emergency i.e on site emergency. Expert team of ADL 211 & 213 control the leak by closing the bottom valve by using SCBA set and leaked Ortho xylene diverted to neutralizing system. Toxic control team taken the sample of environment found below limit then inform to site main controller.All activity was carried out with effectively and observed the proper communication among the employees. All are satisfied with the situation handling.

Prepared By

Safety Dept

15Kant 6 103 2024

Checked By Works Manager 16103

10	PIC/Document Name & No. : Mock	drill v	ersion No.:	-
VE	PARTMENT : production, Molinter Grag. Store, electrical, HR, W NUE : security Grates AINER : Sachintamber	Point T	RAINER SIGN.	智歌
Sr. No.	NAME OF THE PARTICIPANT: (Employee /Contract Worker)	Department Name	EMP. NO:	TRAINEE SIGN.
15	Kamlaker Patil	HIR	211835	H15/03/2014
2)	Nitar Purchkar	H.R	211834	Niscotto3 1202
3)	Mayant Mangely	moducting	213041	Billophary
4)	pani. K. pata.	production	213083	16103124
5)	Prabhakan Kamathe	Production	213077	Richoslax
6)	Noyal Doseph cardon	conch	211827	C-103/24
7.	Fmit Kumon	IT	211825	A 16/03/2024
8.	Minin Hennet Mahyarkan	Engo store	211842	(Formay
9.	saniay Nampe	ac	211488	-25 95 y 312024
10.	Banav. B. Balastati	Production	213086	Family
11	Sunga Pratap yada	production	213012	1003124
12	Togesh S. Rutil	QA	211841	TE 10312024
13.	bonjeef Kumar	OA	213325	10toshort
4.	Krunal Sankhe	Q.c.	213099	Jai20 16/03/202
IS.	Sorika. N. Dhodi	Q.C.	211494	100103/2024
16.	Anish Surti	Engy	211851	12103124
17	Nilesh M Rajput	produition	211840	18103124
18	Durphin Intel	Employmenty		Punger 6103/2014
19	Shoulesh Kaolam	Production	213055	Pladam 16103124
20	Ganesh Patra	Engg stoke	21843	1716/03/24
21	shubham singh	production		Q6103124
22	Nitu Pal	pocoduction	213090	16103124
				(PA/002/F4/04)



# Annexure – 14 (Green Belt)













#### TO WHOM SO EVER IT MAY CONCERN

M/s. Aarti Drugs Ltd. Plot No.2902,2904,2601-05,2509,211,213 GIDC- Sarigam. We appreciate your support contribution for tree plantation at karajgam lake surrounding. The M/s. Aarti Drugs Ltd. Has planted 1300 numbers of trees.

Thanks & Regards Karajgam Gram panchayat

વહીવટદાર ગ્રામ પંચાયત કરજગામ તા. ઉમરગામ, જી. વલસાડ



## To whomever it may concern

With reference to the letter dated 03.8.2023 with reference number Nil, This is to certify that M/s. Aarti Drugs Ltd. has collaboratively developed a green belt area in 3000 sq. mtr. with Karajgam Gram Panchayat . The said green belt, situated at 20.299864,72.834277 [Latitude, Longitude], confirms that the aforementioned land is not intended for utilisation by any other projects for the purpose of environmental clearance.

Sincerely,

Karajgam Gram Panchayat

પણામ દાર ગ્રામ પંચાયત કરજગામ તા. ઉમરગામ, જી. વલસાડ

At. & Post : Karajgam, St. Bhilad, Tal. Umbergaon, Dist. Valsad, Pin - 396 155.

At. & Post : Karajgam, St. Bhilad, Tal. Umbergaon, Dist. Valsad, Pin - 396 155.

🙀 વાપી ભાસ્કર 23-06-2024

# તીર્થ ભૂમિ કલગામનાં તળાવ પર આરતી ડ્રગ્સ 1500 વૃક્ષનું રોપણ કરી ઉછેર કરશે



ભોલક ! ઉપરગામ તાલુકાની તીર્થ ભૂમિ કલગામ તથાવ પર 22મી જૂને સરીગામની આરતી ડ્રગ્સનાં ડાયરેક્ટર નિલેશભાઈ પાટીલની ઉપસ્થિતિ કંપનીનાં કર્મચારી અને અગ્રણી ગ્રામજનો દ્વારા 1500 નું રોપાણ કર્યું હતું, કંપની દ્વારા તળાવ પર વૃક્ષનું રોપણ કર્યા બાદ એક વર્ષ સુધી માવજત કરશે. વૃક્ષારોપણ પ્રસંગે ઉપરગામ પારાસભ્ય રપણલાલ પાટકર, એસઆઈએનાં પૂર્વ પ્રમુખ કમલેશ ભદ્દ વિનોદ સિંઘ, કંપનીનાં ડાયરેક્ટર નિલેશભાઈ પાટીલ, મેનેજર વિજયભાઈ નાયર, ચિરાગભાઈ ઓઝા, શાળા મંડળનાં પ્રમુખ હર્ષદભાઈ શાહ, સરપંચ રોહિતભાઈ, ઉપસરપંચ રસિક પટેલ સહિત અગ્રણીઓ ઉપસ્થિત રહી વૃક્ષોનું રોપાણ કર્યું હતું.

# कलगाम-फणसा में आरती ड्रम्स कंपनी ने किया वृक्षारोपण

जनसंसार संवाददाता बापी, 23 जून

पुकरात राज्य के पूर्व राज्यमन्त्री एवं विधायक रमणभाई पाटकर की विशेष उपस्थिति में आरती हुग्स लिमिटेड स्लीमम ड्राग कुशलेख्य कार्यक्रम का आयोजन किया गया। इस दीवन कल्लाम-थल्लाह हुन्छन नगी के बीएम एवं बीएक वाहिय डाइंस्कूल, ललाव और डील क्षेत्र में अतली कंपनी संचालक नोलेज पाटिल के साविश्म में कुशलेख्य किया गया।

गा वक्षारोपण कार्यक्रम में पथारे हुए प्रमुख अधिति गुजरात राज्यके पूर्व राज्यपत्री एवं विधायक रयगभाई पाटकर का गुजरात-महाराष्ट्र के आगरी उप्स लिमिटेड हा दान क्षेत्रने के प्रयुग्धक एवं संग्रालक ता गा नितेश परित हरा भाग महनत स दिवे জিমা নযা। বিচিন্দ এবিথি ही रखा सरीगांव इंडस्ट्रीज एसोसिएशन के हा चर्म प्रमुख कमलेशवर्ष बड का और 384 अतिथि में सुजरात प्रयोगाण एव वित में प्रदूषम निर्वप्रम खोई के प्रदक्षारी 的名 का और भारतीय मानवधिकार हरिवारों पंचोलिएसन एजरात प्रान्त प्रमुख

वाहिया शाईस्कल संचालक 中原 油り हर्षटपाई साह का कम्पनी मैंनेजर सचिव ताम्बे, विजयक्रमार नापर 彩 : देखा और उपरिश्वत सम्पत्रिक कार्यकर्ता सहरगों का सम्मान किया गया। इस 100 ĝι: अवधर पा मंत्रीप प्रवटते, आवन्द 110 सिंह, सर्पटभाई भोगरी, पिराण ओहा, fear हिवाजी टाक्टे, गर्नेष्ठ लवक, वयर वाले প্ৰথা, মাহ্যাৱিক কাৰ্যকাৰ বিচৰু 1000 प्रटेल तथा कई अन्य कामगी के 81.1 कर्मपारी व कट्रेक्टर उपस्थित रहे ह ÷. कार्यक्रम में समितिक कार्यकरती 邗泉 एंव असली काम्पनी के सेवरी कीनेजर चंदर 's pain stare faun is pay 10 आगन्द सिंह ने बहा कि शुद्ध पाय 100 और शुद्ध जल आने बाली चीड़ियाँ slah का अधिकार है। ये लगी पांचन है. 100 जब इम पर्यावरण को संरक्षण करेंगे shi ( और अधिक से अधिक चीपारोचन करेंगे। उन्होंने कहा कि प्रदूषण को âı, कम करके सरीगाम की एंच पुरिस सरीगाम क्षेत्र में मटे हुये सभी ψđ. असमयम के क्षेत्र को हुए धर क्षत्राई tt ti तथा ज्याद से ज्याद चीचे लगावत 204 उनका मांरक्षण करें, लाकि इसरा 南西 स्तरियाम और उमरणांव सालुबा एंच 511 वलवाद जिला हरा भए गई। केस

विनोद सिंह, बीएम इंब मीएफ

頃の

थी) उभर 10 वे प्रकॉशन एवं 104, अत्रेत चेम्बर, नानी बेममवाडी, जलाबतपुत, सुरु

# करजगांव में प्रधानमंत्री नरेन्द्र मोदी के निर्देशानुसार



प्रवन्धक एंव संचालक निलेश का संरक्षण आवश्यक है। कहा की पर्यावरण की बढती वक्षारोपण के माध्यम से ही हम समस्या को देखकर वर्तमान आने वाली पीढी को बेहतर समय में सरकार के द्वारा वन वातावरण दे सकते हैं। हमें संरक्षण एवं वृक्षारोपण के लिए संकल्प लेना चाहिए कि हम अनेक तरह के प्रयास सरकार पृथ्वी और उसके वातावरण को के द्वारा किए जा रहे हैं। हम बचाने का प्रयास करेंगे। स्वयं सभी को वक्षारोपण और अपनी ओर से हमें शुरूआत पर्यावरण को सरक्षित बनाए रखना होगा। और साथ ही साथ कली चाहिए। पानी को नष्ट होने से बचाना चाहिए। दूसरों को भी वृक्षारोपण के वृक्षारोपण को बढावा देना लिए जागरूक करना होगा। अंत चहिए। अपने परिवेश को में संचालन मंडल द्वार सभी साफ-स्वच्छ रखना चाहिए। आगन्तगणों को सहित आए हऐ पत्रकारा का भा धन्यवाद कायकम के अत में आयाजक निलेश किया। उक्त जानकारी क्षेत्रिय नायर फाकार टंकप्रसाट टाहाल ने चिरागभाई ओझा, कमलाकर राजस्थान संपादक भैरु सिंह पटिल एंव हर्षदभाई द्वारा यह राठौड को दी है।

मंडल

से

पाटिल, विजयकुमार

पटिल की अध्यक्षता में और हर्षोझस के साथ वक्षारोपण का सरीगाम इडस्ट्रीज एशोसियेसन कार्यक्रम का आयोजन किया के पूर्व सचिव एंव उद्योगपति जे गया।। व्रक्षारोपण कार्यक्रम आरती इग्स लिमिटेड कंपनी के के राय,करजगांव ग्राम पंचायत के पूर्व सरपंच दलपत भाई, एचआर एवं मानव संसाधन सरीगाम के समाजसेवी विभाग के कमलाकर पाटिल कार्यकर्ता सुनिल आरेकर एंव की संचालन कार्यक्रम मे पत्रकार राजेशभाई पटेल की गुजरात -महाराष्ट के आरती मार्गदर्शन मे आरती डुग्स डग्स लिमिटेड कंपनी के कंपनी लिमिटेड कंपनी के वर्कस पटिल के हाथों द्वारा शुरुआत मेनेजर विजयकमार नायर,सचिन ताम्बे,सुरक्षा की गई। कार्यक्रम की इस विभाग से तुषार सांखे, मेनेजर अवसर पर सरीगाम के समाजसेवी कार्यकर्ता सुनिल मे एस आर बनछडे,मयुर राउत, संजय वारपे, शिवाजी दाडरे, आरेकर ने अपने भाषण में प्रकृतिक आपदाओं से बचाव पिंकेश ओझा, चिराग ओझा, एचआर विभाग से हर्षदभाई के लिए पर्यावरण संरक्षण पर धोडी, अन्तेशभाई कोली, जोर देने की अवश्यकता है। राजेशभाई पटेल, अमितकुमार कार्यक्रम के संचालन के अवसर दुबे, डब्लुभाई, राजेश नायक, पर सरुक्षा एंव पर्यावरण विभाग मिथुनभाई सोलकी और गांव के प्रमुख आनन्द सिंह ने भी समाज से एंव बैंक कर्मचारी अपने भाषण में उपस्थित सुरेशभाई और सभाका स्वागत एव धन्यवाद पिंटुभाई, आसपास के गांवजनों एंव करते हुये पौधारोपण को बहुत आरती इग्स कंपनी के विभिन्न जरुरी बताया। मानव जीवन को विभागीय ऑफिसर एंव सतत स्वस्थ और सुखी बनाने कामदारों के उपस्थित में बडी के लिए प्रकृति तथा पर्यावरण

भैरू सिंह राटौड़। प्रातः संकलन (संपादक राजस्थान) गजस्थान वलसाड जिले के सरीगाम के पास करजगाम के तलाव फलिया के तालाब के चारों ओर सरीगाम औधोगिक क्षेत्र की आरती इग्स लिमिटेड कंपनी के विभिन्न अधिकारियों एंव कर्मचारियों द्वारा बडी हर्षोझस के साथ वृक्षारोपण के कार्यक्रम का आयोजन किया गया। आपको बता दें कि आजादी के अमृत महोत?सव के 75 वर्ष पूर्ण होने पर देश के प्रधानमंत्री नरेन्?द्र मोदी के निर्देशानसार मेरी माटी मेरा देश अभियान के तहत वलसाड जिले के सरीगाम के पास करजगाम के तलाव फलिया के तालाब के चारों ओर सरीगाम औधोगिक क्षेत्र की आरती इंग्स लिमिटेड कंपनी द्वारा वुक्षारोपण कार्यक्रम का आयोजन किया गया।। इस वुक्षारोपण कार्यक्रम में गुजरत -महाराष्ट के आरती डग्स लिमिटेड कंपनी के कंपनी प्रवन्धक एंव संचालक निलेश

સરીગામનો આરતી ડ્રગ્સ કરજગમનાં તળાવ ઉપર એક હજાર વૃક્ષનું વાવેતર કર્યું mitium

ભીલાડા સરીગામ જીઆઇડીસી માં આવેલી આરતી ડગ્સ કંપની દ્વારા 19 મી ઓગષ્ટ નાં રોજ કંપની નાં અધિકારી નિલેશ પટેલ ની આગેવાની હેઠળ 1000 વૃક્ષો નું વાવેતર કર્યું હતું. લીમડો,વડ,શરૂ, કરંજ જેવા 3 વર્ષ થી મોટા રોપ નું રોપાશ કરી ત્રણ વર્ષ સુધી જાળવણી કરશે. કરજ ગામ પંચાયત નાં સહયોગ થી કંપની દ્વારા ગામ ને હરિયાળં બનાવવા માટે કંપની નાં કંપની નાં સ્ટાફ દ્વારા તળાવ ની પાળ પર ફરતે વૃક્ષ નું રોપાણ કરી પત્યેક રોજ વિશ્વ પર્યાવરણ દિવસ ની ઉજવણી કરવા નો મેસેજ પાસ કર્યો હતો. જે વૃક્ષા રોપાણ પ્રસંગે કંપની નાં અધિકારી વિજય નાયર , ચિરાગ ઓઝા, ઉદ્યોગપતિ જે.કે.રાય, સુનીલ આરેકર, રાજેશ નાયક, કરજ ગામ પંચાયત નાં કર્મચારી મનોજભાઈ ,ગ્રામજનો અને ખૂબ મોટી સંખ્યા માં કંપની નાં કર્મચારી ઉપસ્થિત રહી વૃક્ષ નું રોપાલ કર્યું હતું.

