

27 Jun, 2024

To,  
Sub-Regional Officer,  
MIDC Office Building, Boisar Station,  
Post Taps, Tarapur, Dist. Palghar

**Ref.:** Environmental Clearance letter No. SEAC – 2014/CR-388/TC-2 dated 3<sup>rd</sup> December 2016, granted by SEIAA, Govt. Of Maharashtra.

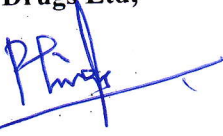
**Sub:** Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed expansion project for manufacturing of API & Intermediate products Plot no. E-9/3-4, MIDC Tarapur, Palghar (Consolidated Six monthly compliance report for duration of January 2024 – June 2024).

Respected Sir,

With reference to above subject we are submitting Consolidated EC compliance report for Aarti Drugs Ltd, proposed expansion project for manufacturing of API & Intermediate products at Plot No. E-9/3-4, MIDC Tarapur, Palghar. We are also enclosing the acknowledgment copy of submission of EC Compliance to Regional office of MoEFCC, Nagpur for your reference.

Thanking you,

For Aarti Drugs Ltd,

  
Authorized Signatory



Copy to :

1. Regional Officer, MPCB, Thane.

27 Jun, 2024

To,

**Sh. Prasoon Gargava (Scientist 'E' & Incharge)**

Central Pollution Control Board,  
Opp. VMC Ward office No.10, Subhanpura,  
Vadodara – 390 023,  
Gujrat.

**Ref.:** Environmental Clearance letter no. SEAC – 2014/CR-388/TC-2 dated 3<sup>rd</sup> December 2016, granted by SEIAA, Govt. Of Maharashtra.

**Sub:** Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed expansion project for manufacturing of API & Intermediate products Plot No. E-9/3-4, MIDC Tarapur, Palghar (Consolidated Six monthly compliance report for duration of January 2024 – June- 2024).

Respected Sir,

With reference to above subject we are submitting Consolidated EC compliance report for **Aarti Drugs Ltd**, proposed expansion project for manufacturing of **API & Intermediate products** at Plot No. **E-9/3-4, MIDC Tarapur, Palghar**. We are also enclosing the acknowledgment copy of submission of EC Compliance to Regional office of MoEFCC, Nagpur for your reference.

Thanking you,

For Aarti Drugs Ltd,

  
Authorized Signatory



27Jun, 2024

To,  
The Director,  
Ministry of Environment & Forests,  
Regional Office, (WCZ), Ground Floor, East Wing,  
New Secretariat Building, Civil Lines, Nagpur,  
Maharashtra – 440001.

**Subject :** Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed expansion project for manufacturing of API & Intermediate products Plot no. E-9/3-4, MIDC Tarapur, Palghar (Consolidated Six monthly compliance report for duration of January 2024 – June 2024)

**Ref:** Environmental Clearance letter no. SEAC –2014/CR-388/TC-2 dated 3<sup>rd</sup> December 2016, granted by SEIAA, Govt. Of Maharashtra.

Dear Sir,

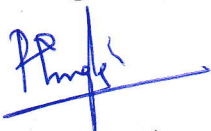
We have received the Environment Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 3<sup>rd</sup> December 2016 for proposed manufacturing of API & Intermediate products.

Herewith we are submitting the one consolidated six monthly compliance report for duration of January 2024 to June 2024 in the prescribed format. Report is giving all the details of the project along with the status of the project.

With this reference, we wish to submit the details of the project stipulated as per the Environment Clearance conditions.

We hope you will find same in line with your requirements.

Thanking You,  
For Aarti Drugs Ltd.,



Authorized Signatory



**1. Present Status of Project:**

- 1) We have published the advertisement of the obtained Environmental Clearance in the newspapers. Pudhari (Marathi) dated 15<sup>th</sup> December 2016. We have enclosed the copy of the same.
- 2) Consent to Operate was obtained on 21/03/2023. Copy of current CTO is attached herewith.

## 2. Point by Point comment on Environment Clearance letter

Sr No	Terms and conditions in EC	Compliance
i	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	No additional land is used for any activity of the project.
ii	For Controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	The said dust emission controls were followed during construction & production activity.
iii	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	We are not using furnace oil. We are using coal or briquette. Proper arrangement is made for fuel storage area.
iv	Proper Housekeeping programmes shall be implemented.	Proper Housekeeping programmes were implemented. Kindly refer to the file attached for your reference. <b>(Annexure I)</b>
v	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Yes, agreed & noted. Photographs & Calibration certificate for the OCEMS are attached for your reference. <b>(Annexure II)</b>
vi	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)	A stack of adequate height based on DG set capacity is provided for control and dispersion of pollutant from DG set.
vii	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Rain water harvesting system implemented at project site.
viii	Arrangement shall be made that effluent and storm water does not get mixed.	We have made proper arrangement so that effluent & storm water does not get mixed. Layout for the same is attached for your reference <b>(Annexure III)</b>
ix	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Not applicable as source of water is MIDC.
x	Leq. of Noise shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. Shall be provided.	Noise levels are maintained as per standards by implementing various control measures. Proper PPE are provided for people working in high noise areas. Noise monitoring reports

		are attached for your reference. <b>(Annexure IV)</b>
xi	The overall noise levels in and around the plant are shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods. Silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Noise levels in and around the plant are well within the standards. Noise monitoring is being done regularly. Reports for the same are attached. All reports are well within standards prescribed by MPCB.
xii	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Dept.	Green belt is well developed and maintained on 207 Sq.m area. Aarti Drugs Ltd. Has acquired an empty land of 4,04,686 sq. m area as an compensatory land for afforestation (green belt development) for all four industries including this site. Out of which the 2063 sq. m is compensation for this site of Aarti Drugs Ltd. This will provide habitat for various fauna. Thus this will have a positive impact on the environment. Photographs for the same is attached for your reference. <b>(Annexure V)</b>
xiii	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Company has full-fledged safety and fire department with implementation & monitoring of adequate safety measures. Risk Analysis, On - Site Emergency plan is prepared and regularly updated. Leak detection system is installed at strategic places. Safety audit report is attached for your reference. <b>(Annexure VI)</b>
xiv	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Medical checkup of the all workers are regularly done. Specimen copy is attached for your reference. <b>(Annexure VII)</b>
xv	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire fighting system is already available at project site. Photographs & details are attached for your reference. <b>(Annexure VIII)</b>
xvi	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of	The company is strictly complying with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. We have already taken permission from CHWTSDF. Consent to establish & operate

	hazardous wastes.	obtained from MPCB. (We have received the CTO & CTE from MPCB and we are strictly adhered to the stipulations, terms & conditions mentioned herein.) CHWTSDF membership copy and Form IV record is attached for your reference. <b>(Annexure IX)</b>
xvii	<p>The company shall undertake following Waste Minimization Measures :</p> <p>a) Metering of quantities of active ingredients to minimize waste.</p> <p>b) Reuse of by – products from the process as raw materials or as raw material substitutes in other process.</p> <p>c) Maximizing Recoveries.</p> <p>d) Use of automated material transfer system to minimize spillage.</p>	<p>Followed as per the requirement:</p> <p>(a) All raw materials are metered and controlled for its quantities to minimize waste.</p> <p>(b) There were no by-products are generating from process.</p> <p>(c) Recovered solvents are reused in processes. Recovery data is attached. <b>(Annexure XV)</b>.</p> <p>(d) Pumps are used to transfer liquids in closed pipelines.</p>
xviii	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required. If any, in the on-site management plan shall be ensured.	Regular fire and safety training's, mock drills are carried out. Latest mock drill report & safety training report attached for your reference. <b>(Annexure X)</b>
xix	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	We have separate environment management cell for implementation of the stipulated environmental safeguards. Management cell diagram is attached for your reference <b>(Annexure XI)</b> .
xx	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Transportation of ash is carried out through closed containers and all measures are regularly taken to prevent spilling of the ash.
xxi	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Proper arrangement is provided for collection & storage of bottom ash and fly ash.
xxii	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Already done.

xxiii	The project management shall advertise at least in two local newspapers widely circulated in the region around the project. One of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://envis/maharashtra.gov.in">http://envis/maharashtra.gov.in</a> .	The advertisement of the obtained Environmental clearance was published in the newspapers, Pudhari dated 15/12/2016. Copy for the same is attached for your reference. <b>(Annexure XII)</b>
xxiv	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Noted & being done.
xxv	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted & Agreed We have not received any suggestions and representations while processing the proposals from concerned Panchayat, Zilla Parishad / Municipal Corporation, Urban local and the local NGO. Hence this clearance copy not given to them but informed in the various meetings.
xxvi	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 SPCB and the SPCB. The criteria pollutants levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted & being done. Stack Analysis reports are attached for your reference. <b>(Annexure XIII)</b>
xxvii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of	Noted & being done.

	MoEF, the respective Zonal Office of CPCB and the SPCB.	
xxviii	The environmental statement for each financial year ending 31 <sup>st</sup> March in form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986., as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We are regularly submitted environment statement to MPCB. Form V (FY 2022-23) is attached for your reference. <b>(Annexure XIV)</b>

763

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-2014/CR-388/TC-2  
Environment department,  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annexe,  
Mumbai- 400 032.  
Date: 8<sup>th</sup> March 2017.

To, M/s Aarti Drugs Limited  
at plot E-9/3-4, G-60 MIDC Tarapur,  
Tal- Palghar, Dist- Palghar

**Subject:** Correction in Environment clearance for Expansion Project of Bulk Durg & Intermedites Manufacture unit at plot no. E-9/3-4 G-60, MIDC Tarapur, Kolwade Village, Boisar, Dist. Thane by M/s. Aarti Drugs Limited.

**Reference:** 1) Even number environment clearance letter dated 3<sup>rd</sup> December, 2016.

2) Letter received from M/s Aarti Drugs Limited. dated 28.12.2016.

Sir,

This has reference to your communication on the above mentioned subject.

The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 93<sup>rd</sup> meeting and decided to recommend the project for prior Environmental Clearance to SEIAA. Information submitted has been considered by State Level Environment Impact Assessment Authority in its 81<sup>st</sup> meetings

2. It is noted that the proposal is earlier considered by State Level Environment Impact Assessment Authority in its 81<sup>st</sup> meetings under screening category 5(f) B1 as per EIA Notification 2006 and decided to accord grant of EC to the project. Accordingly, EC has been issued to the project vide letter dated-3<sup>rd</sup> December, 2016.

3. Project information from documents submitted by you considered by SEAC & SEIAA was summarized in even number Environment Clearance letter dated 3<sup>rd</sup> December, 2016. It is noted that information on product to be manufactured was not included in the earlier issued even number EC, which shall be as below:-


1

EC\_SEIAA- Item No.24 of meeting no.81<sup>st</sup>

### Production Details

S.No.	Group	Name of Products	Production Capacity MT-M
1	Amide	Existing	50
		BENZENE SULPHONAMIDE	
		PARA CHLORO BENZENE SULPHONAMIDE	
		N-BUTYL BENZENE SULPHONAMIDE	
		ORTHO PARA TOLUENE SULPHONAMIDE	
		Proposed	
		N-PHENYL BENZENE SULPHONAMIDE	
		N-METHYL METHANE SULPHONAMIDE	
2	Chloro sulphonation Product	Existing	200
		PARA CHLORO BENZENE SULPHONYL CHLORIDE	
		BENZENE SULPHONYL CHLORIDE	
		PARA TOLUENE SULPHONYL CHLORIDE	
3	Nikotinates	Existing	15
		METHYL NICOTINATES	
		Proposed	
		ETHYL NICOTINATE	
4.	Sulphonates/Ester	Existing	10
		METHYL BENZENE SULPHONATE	
		METHYL PARA TOLUENE SULPHONATE	
		Proposed	
		METHYL ORTHO PARA TOLUENE SULPHONATE	
		ETHYL PARA TOLUENE SULPHONATE	
5	2-Phenoxy Methane	2-PHENOXY METHANE SULPHONILIDE	100
6	Sulphonic Acid	BENZENE SULPHONIC ACID	30
7	Ketone	DI-KETONE (Proposed)	30
8	Sodium Salt	Existing	30
		SODIUM SALT OF B.S. ACID	
		SODIUM BENZENE SULPHINATE (Proposed)	
		TOTAL	465

4. Terms & conditions stipulated in even number environment clearance letter dated 3<sup>rd</sup> December, 2016 remains the same.

  
(S. M. Gavai)  
Member Secretary, SEIAA.

**Copy to:**

1. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
2. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
3. Regional Office (WCZ), Ministry of Environment and Forest & Climate Change, Nagpur.
4. Regional Office, MPCB, Thane.
5. Collector, Palghar
6. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
7. Select file (TC-3).

(EC Uploaded on 14.03.17)

88

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

SEAC-2014/CR-388/TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annex,  
Mumbai- 400 032.  
Dated: 3 December, 2016

To,  
M/s. Aarti Drugs Limited.  
E 9/3 & 4, MIDC- Tarapur,  
Village: Kolawade,  
Taluka: Palghar, Dist-Palghar

EC SEIAA - Item No - 25, Meeting No - 81<sup>st</sup>

**Subject:** Environment clearance for proposed expansion of Active pharmaceutical Ingredients & Intermediates manufacturing plant at Plot No.E-9/3-4, MIDC, Tarapur, Boisar, Dist. Thane by M/s. Aarti Drugs Limited

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 93<sup>rd</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 81<sup>st</sup> meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

Name of Project	"Active Pharmaceutical Ingredients & Intermediate Products" at Plot No. : E 9/3 & 4, MIDC- Tarapur, Village: Kolawade, Taluka: Palghar, District: Palghar, Maharashtra.
Project Proponent	Mr. Uday Patil
Consultant	M/s. Enviro Analysts and Engineers Private Limited,
New Project/ Expansion in existing project / diversification in exiting project	Expansion
Activity Schedule in the EIA Notification	5 (f) , B1
Area Details	Plot area : 6880m <sup>2</sup> Green Belt area : 207 m <sup>2</sup>
Name of the Notified Industrial area/ MIDC area	MIDC, Tarapur
ToR given by SEAC? (if yes, then specify the meeting)	Yes. ToR was issued on the 68 <sup>th</sup> meeting of State Expert Appraisal Committee-I dated 14 <sup>th</sup> March, 2013 (Item No. 19)

Location details of the project	Latitude 19°48'04.23"N Longitude 72°43'56.83"E. The elevation of the project site is about 15 m above Mean Sea Level (MSL) Plot No. : E 9/3 & 4, MIDC- Tarapur, Village: Kolawade, Taluka: Palghar, District: Palghar, Maharashtra.					
Rain Water Harvesting (RWH)	Rainwater harvesting is proposed in the project to conserve the storm water. To prevent the monsoon rain water going waste through roof tops will be collected and reused for utility.					
Total Water Requirement	Sr. No.	Purpose	Existing Requirement (m <sup>3</sup> /day)	Proposed Requirement (m <sup>3</sup> /day)	Total Requirement (m <sup>3</sup> /day)	
	1	Domestic	5	-	5	
	2	Process & scrubber	32	30	62	
	3	Washing	0.5	-	0.5	
	4	Cooling tower	14.5	21.5	36	
	5	Boiler	8	10	18	
	6	Green belt	1	-	1	
	TOTAL		61	61.5	122.5	
Storm Water Drainage	Natural Drainage Pattern : W to E Size of SWD : 450 mm					
Sewage Generation & Treatment	Industrial effluent generated will be 34 KLD. It will be treated in ETP of 50 KLD capacity. Domestic waste water generated will be 4 KLD. It will be treated in soak pit.					
Effluent Characteristics	Sr. No.	Parameter	Raw Effluent	Treated Effluent	Consent limit	Unit
	1	pH	5.5-8.00	5.5 – 9.0	5.5-9.0	----
	2	Biological Oxygen Demand	500-2000	< 100	100	mg/L
	3	Chemical Oxygen Demand	6000-8000	< 250	250	mg/L
	4	Total Suspended Solids	50-150	< 100	100	mg/L
	5	Oil & Grease	10-25	< 10	10	mg/L
ETP Details	Amount of effluent generation (CMD) :34 Capacity of the ETP (CMD) : 50 Amount of water sent to the CETP (CMD): 30 Membership of the CETP (If required): Received					
Note on ETP technology to be used	Effluent will be treated till tertiary level.					
Disposal of the ETP sludge	2.64 TPM will be disposed to CHWTSDF, Taloja.					

Solid Waste Management	Sr. No.	Source	Total Quantity MT/M	Management	
	1	Residues & Waste	5.2	Sent to CHWTSDF, TALOJA	
	2	Sludge from ETP	2.64	Sent to CHWTSDF, TALOJA	
	3	Discarded containers/barrels and polybags	1350 Nos.	Sale to authorized recycler after decontamination	
Stack Emission Details: (The entire stack attached to Boilers, Captive Power Plant, DG Sets, and Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. Eg: Process section, DG set , Boilers, Power Plant, incinerator etc. Emissions rate (kg/hr) for each pollutant (SPM, SO2, NOx etc. should be specified	Description		Boiler	D.G Set	
	Capacity		4T/HR	380 KVA	
	Diameter of Stack (m)		0.5	0.2	
	Stack Height (m)		30	3+building height	
	Stack gas Temperature (°C)		200	40	
	Stack gas Velocity (m/s)		9	5	
	Fuel consumption (KG/hr)		Briquette	Coal	HSD
			650	500	0.0041 (kl/hr)
	Sulfur content (%)		0.28	0.76	0.25
	Nitrogen content (%)		1.10	1.02	0.08
	Emission Rate (g/s)				
	PM		2.33	2.33	0.00008
	SO <sub>2</sub>		0.68	2.11	0.01
	NO <sub>x</sub>		4.36	4.25	0.003
Emission Standard	Pollutant	Premissible standard	Proposed Concentration	Remarks	
	PM 2.5	60 µg/m <sup>3</sup>	<60	As per NAAQS	
	PM 10	100 µg/m <sup>3</sup>	<100		
	So2	80 µg/m <sup>3</sup>	<80		
	NO <sub>x</sub>	80 µg/m <sup>3</sup>	<80		
Details of Fuel used: Source of Fuel Mode of Transportation of fuel to site	Sr. No.	Fuel		Qty(TPD)	
	1	Briquette (For 4TPH boiler)		15.6TPD	
	OR				
	2	Coal (For 4 TPH Boiler)		12 TPD	
Energy	3	HSD for DG Set		30 l/hr	
	Connected Load: 500 KVA Power supply: MSEDCL 1 Nos. of DG set of capacity 380 KVA				
Green Belt Development	Green belt admeasuring 207 m <sup>2</sup> is already present on site. This is 10 % of the total plot area. According to the guidelines set by MoEF, 3% of the plot area should be allotted for green belt development. Since it is already an existing unit, and no additional plot is added to the plant, there is no space remaining for additional green belt development. In order to adhere to the guidelines put				

	forward by MoEF, the proponent has acquired an empty land solely for the purpose of compensatory green belt development.
Details of pollution control system	Water: ETP is provided for treating industrial waste water. Air: Boiler will be provided with adequate stack height of 30 m, and wet scrubber will be provided to control process emissions. Solid waste: Sent to CHWTSDf, Taloja and Sold to Authorized Re processor. Noise: Ear mufflers and ear plugs will be provided. Acoustic Enclosure for DG sets and Acoustic enclosure for process air blower.
EIA submitted	Yes

3. The proposal has been considered by SEIAA in its 81<sup>st</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

**General Conditions for Pre- construction phase: -**


- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iii) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area (if required).
- (iv) Proper Housekeeping programmes shall be implemented.
- (v) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
- (vi) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)
- (vii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (viii) Arrangement shall be made that effluent and storm water does not get mixed.
- (ix) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (x) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xi) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

- (xiii) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xiv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xv) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xvi) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xvii) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xviii) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
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- (xxi) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxiii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxiv) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- (xxv) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxvi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their 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 SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

(xxvii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

(xxviii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 7 years as per MoEF&CC Notification dated 29<sup>th</sup> April, 2015
7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(S. M. Gavai)  
Member Secretary, SEIAA.

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014. .

3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Thane.
7. Collector, Thane
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on )



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [ast@mpcb.gov.in](mailto:ast@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/S.S.I (R58)  
No:- Format1.0/AS(T)/UAN  
No.0000151101/CR/2303001531

Date: 21/03/2023

To,  
M/S. AARTI DRUGS LTD.  
PLOT NO. E-9/3-4, M.I.D.C., TARAPUR,  
PALGHAR.



Your Service is Our Duty

**Sub: Grant of Amendment in Renewal of Consent under RED/SSI Category**

- Ref:**
1. Earlier consent accorded by the Board vide no Format1.0/BO/AST/UAN No.0000031418/O/CC-180200089 dated 02.02.2018
  2. Environmental Clearance obtained vide no. SEAC-2014/CR-388/TC-2 dated 03.12.2016 and 08.03.2017
  3. Earlier consent accorded by the Board vide no Format1.0/AST/UAN No.0000151101/CR/2303001268 Dated 17.03.2023

Your application No.MPCB-CONSENT-0000151101 Dated 18.10.2022

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/12/2027**
2. **The capital investment of the project is Rs.9.92 Crs. (As per Balance Sheet submitted by industry )**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	BENZENE SULPHONAMIDE OR	50	0	50	MT/M
2	PARA CHLORO BENZENE SULPHONAMIDE OR	50	0	50	MT/M
3	N-BUTYL BENZENE SULPHONAMIDE OR	50	0	50	MT/M
4	ORTHO PARA TOLUENE SULPHONAMIDE OR	50	0	50	MT/M
5	N-PHENYL BENZENE SULHONAMIDE OR	50	0	50	MT/M
6	N-METHYL METHANE SULPHONAMIDE	50	0	50	MT/M
7	PARA CHLORO BENZENE SULPHONYL CHLORIDE OR	200	0	200	MT/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
8	BENZENE SULPHONYL CHLORIDE OR	200	0	200	MT/M
9	PARA TOLUENE SULPHONYL CHLORIDE	200	0	200	MT/M
10	METHYL NICOTINATE OR	15	0	15	MT/M
11	ETHYL NICOTINATE	15	0	15	MT/M
12	METHYL BENZENE SULPHONATE OR	10	0	10	MT/M
13	METHYL PARA TOLUENE SULPHONATE OR	10	0	10	MT/M
14	METHYL ORTHO PARA TOLUENE SULPHONATE OR	10	0	10	MT/M
15	ETHYL PARA TOLUENE SULPHONATE	10	0	10	MT/M
16	2-PHENOXY METHANE SULPHONILIDE	100	0	100	MT/M
17	BENZENE SULPHONIC ACID	30	0	30	MT/M
18	DI-KETONE	30	0	30	MT/M
19	SODIUM SALT OF B.S.ACID OR	30	0	30	MT/M
20	SODIUM BENZENE SULPHINATE	30	0	30	MT/M

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	30	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	4	As per Schedule-I	Soaked in soak pit

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	BOILER	1	As per Schedule -II
2	S-2	D.G.SET (380 KVA)	1	As per Schedule -II
3	S-3	THERMOPACK (STAND BY)	1	As per Schedule -II
4	S-4	SCRUBBEERS ( 2 NOS)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	2	MT/Day	Sale	Sale to Brick Manufacturer

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	MONO METHYL AMINE HCL	29.33	MT/M	Recycle	Sale to Authorized party
2	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1350	No/M	Recycle	SALE TO AUTHORIZE RECYCLER AFTER DECONTAMINATION
3	35.3 Chemical sludge from waste water treatment	2.64	MT/M	Co-processing/Landfill	Co-processing through Authorized Pre-processor / CHWTSDF
4	70 % DILUTE SULPHURIC ACID	605.12	MT/M	Recycle	Sale to authorised party
5	28.6 Spent organic solvents	22.14	MT/M	Recycle	SALE TO AUTHORIZED RECYCLER / REPROCESSOR
6	30 % DILUTE HCL	601.7	MT/M	Recycle	Sale to authorised party
7	5.1 Used or spent oil	45	Kg/M	Recycle	Sale to authorised party
8	28.1 Process Residue and wastes	5.2	MT/M	Co-processing/Landfill	Co-processing to through Authorized Pre-processor / CHWTSDF
9	35.4 Oil and grease skimming	5	Kg/M	Recycle	Sale to authorised party

**Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016**

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
- The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 and keep proper manifest thereof.

12. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
13. This Consent is issued subject to an order passed or may be passed by Hon'ble NGT in application no. 1038/2018 in the matter of CEPI.
14. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2014/CR-388/TC-2 dated 03.12.2016 and 08.03.2017
15. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
17. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.
18. This consent is issued with an overriding effect on earlier consent issued by the Board vide no.Format1.0/AST/UAN No.0000151101/CR/2303001268 Dated 17.03.2023



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Signed by: **Dr. J.B.Sangewar**  
Assistant Secretary (Technical)  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ast@mpcb.gov.in  
2023-03-21 17:18:36 IST

#### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	125000.00	TXN2210003284	31/10/2022	Online Payment

#### Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

## **SCHEDULE-I**

### **Terms & conditions for compliance of Water Pollution Control:**

1. A] 7.23 CMD Evaporated in MEE at Plot No.T-150 and 22.7 CMD Sent to ETP then distilled to achieve ZLD.  
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.  
C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.  
D] The treated effluent shall be recycled 100 % .In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 4 CMD of sewage.  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

<b>Sr.No</b>	<b>Parameters</b>	<b>Standards (mg/l)</b>	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	54.00
2.	Domestic purpose	5.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	62.50
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

#### SCHEDULE-II

##### **Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	BOILER	Stack	30.00	BRIQUETTE 600 Kg/Hr	0.06	TPM	50 Mg/Nm <sup>3</sup>
				COAL 600 Kg/Hr	0.5	TPM	50 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	144 Kg/Day
S-2	D.G.SET (380 KVA)	Acoustic Enclosure	3.00	HSD 30 Ltr/Hr	1.0	TPM	50 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	12.01 Kg/Day
S-3	THERMOPACK (STAND BY)	Stack	35.00	LSHS 100 Kg/Hr	1.0	TPM	50 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	48 Kg/Day
S-4	Process Vent	Scrubber	3.00	--NA-- 0 -- NA--	-	HCL	35 Mg/Nm <sup>3</sup>
	Process Vent	Scrubber	3.00		-	HCL	35 Mg/Nm <sup>3</sup>

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
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- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (mg/l)	
Total Particulate Matter	Not to exceed	30 mg/ Nm3

- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	5,00,000/-	Existing to be extended	Towards compliance of consent and EC condition	Continuous	30.06.2028
2	C to R	3,00,000/-	Existing to be extended	Towards O &M of PCS	Continuous	30.06.2028

**\*\*Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

#### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

#### BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV**  
**General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.

25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.

37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

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This certificate is digitally & electronically signed.

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FOR THE MONTH : APR-2024



ANNEXURE - PA/002/A1

**AARTI DRUGS LTD**

PLOT NO. E - 9 / 3 - 4, MIDC, TARAPUR

**CONTROLLED COPY**

( If Stamp is Green)

**AARTI DRUGS LTD, TARAPUR**

Page No. 01 of 01

DEPARTMENT : PACKING

AREA	CLEANING ACTIVITY CARRIED OUT ON DATE																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Dust bins ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Floor Sweeping & Cleaning ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Surrounding area cleaning ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wash basin (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Window , Doors & Glass ( W )	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Walls, Ceiling & cobwebs ( M )	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lamps , switches ( M )	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cupboards ( M )	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other ( If any )	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Checked by : Housekeeping Supervisor	B	B	B	B	Manda	B	B	B	B	B	B	P	P	Manda	P	P	P	P	P	P	P	Manda	P	P	P	P	P	Manda	P	P	B	-		
Area Owner sign	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	Manda	-

Abbreviations : D -Daily , W-Weekly, M-Monthly, Q - Quarterly .

Note : 1] ✓ : Cleaned, x : Not Cleaned.

2] The area owner should signed the record, if cleaning found satisfactory.

3] Use separate sheet for on request cleaning.

( PA/002/F1/02)

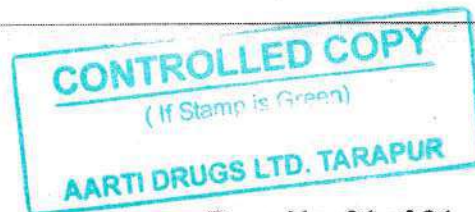
**MASTER COPY**

(if stamp is Blue)

AARTI DRUGS LTD, TARAPUR



ANNEXURE - PA/002/A1  
AARTI DRUGS LTD  
PLOT NO. E - 9 / 3 - 4, MIDC, TARAPUR



Page No. 01 of 01

FOR THE MONTH : APR 2024

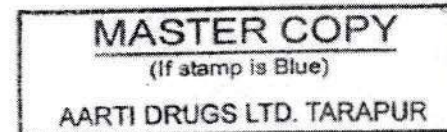
DEPARTMENT : GENERAL ( FACTORY PREMISES )

AREA	CLEANING ACTIVITY CARRIED OUT ON DATE																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Dust bins , Drainage & Roads ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Solvents tank Farms ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Garden area & Open space ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Purified water plant area ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drum storage area ( D )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drinking water tank ( M )	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-	-	-	-
Other ( If any )	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-	-	-	-
Checked by : Housekeeping Supervisor	B	B	B	B	-	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

Abbreviations : D -Daily , W-Weekly, M-Monthly, Q - Quarterly .

Note : 1] ✓ : Cleaned, × : Not Cleaned. 2] The area owner should signed the record, if cleaning found satisfactory. 3] Use separate sheet for on request cleaning.

( PA/002/F1/02 )





M/s. AARTI DRUGS LTD.-Plot No.- E-9/3 & 4, M.I.D.C-Tarapur, Tal. Palghar, Maharashtra		19.05.2024
<b>Calibration Report</b>		
Analyser	SO2/NO at	Sr. No: N2A2339
Station Name	Stack_1_Boiler_4TPH	Model: ZPA
Zero Gas	N2 99.9%	
Span Gas	SO2 806 PPM NO 807 PPM	
Analyser Range	SO2 1000 PPM NO 1000 PPM	
	<b>Analyser Value</b>	
	Values Before calibration	Values After calibration
<b>Zero Calibration</b>		
SO2	-19 PPM	0 PPM
NO	45 PPM	0 PPM
<b>Span Calibration</b>		
SO2	803 PPM	806 PPM
NO	810 PPM	807 PPM

**For Envirozone Instruments & Equipment Private Ltd**



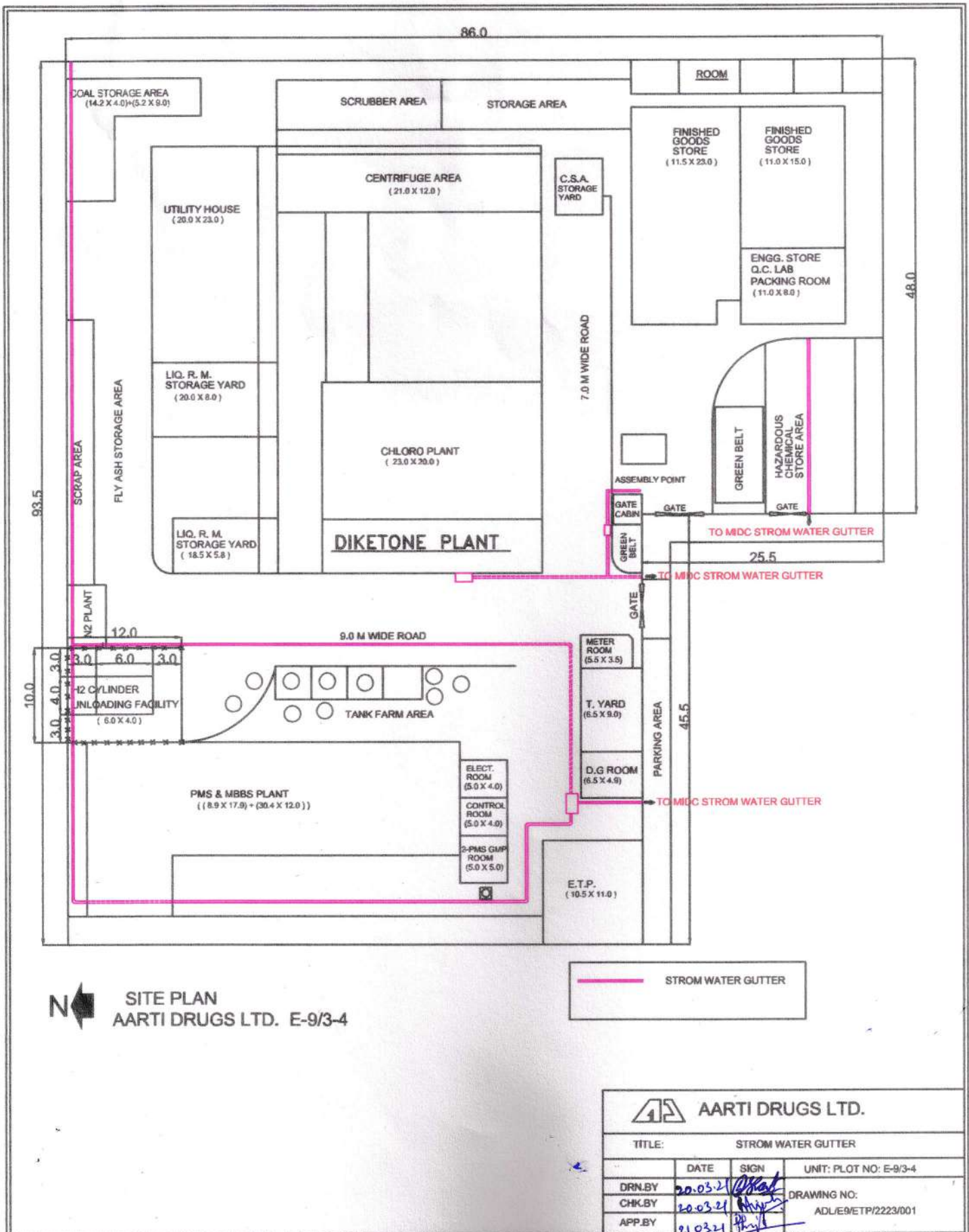


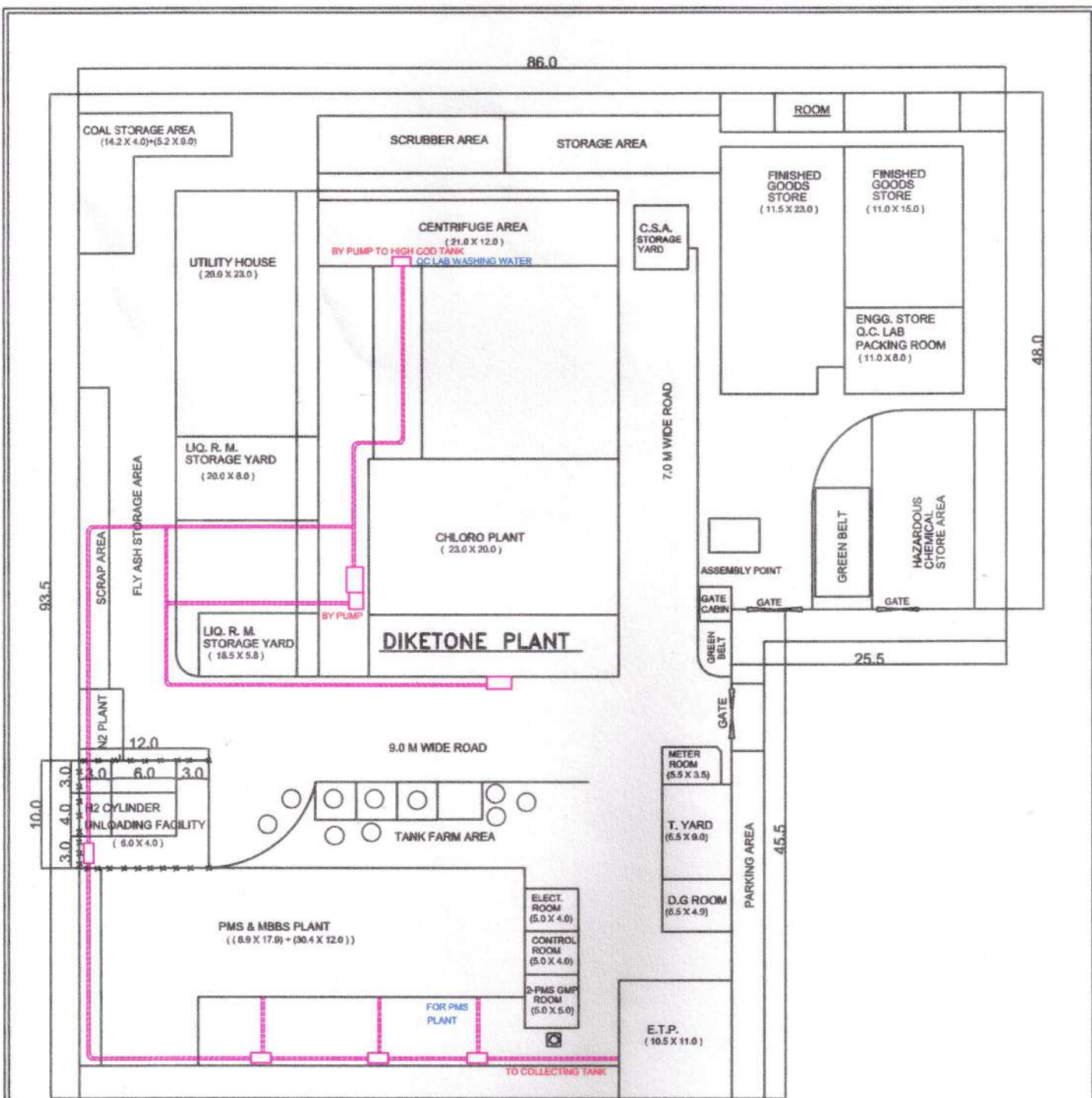
M/s. AARTI DRUGS LTD.-Plot No.- E-9/3 & 4, M.I.D.C- Tarapur, Tal. Palghar, Maharashtra		19.05.2024
Calibration Report		
Analyser	SO2/NO at	Sr. No: EZ20230101TD
Station Name	Stack_4_Process_Reactor_Scrubber	Model: EZ320
Zero Gas	N2 99.9%	
Span Gas	HCL 61 PPM	
Analyser Range	HCL 100 PPM	
	Analyser Value	
	Values Before calibration	Values After calibration
Zero Calibration		
HCL	2.27 PPM	0 PPM
Span Calibration		
HCL	65 PPM	60 PPM

**For Envirozone Instruments & Equipment Private Ltd**

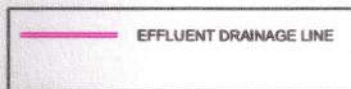


# ANNEXURE-III





**SITE PLAN**  
AARTI DRUGS LTD. E-9/3-4



**AARTI DRUGS LTD.**

TITLE: EFFLUENT DRAINAGE LAYOUT

DRN.BY	DATE	SIGN	UNIT: PLOT NO: E-9/3-4
CHK.BY	20.03.21	[Signature]	DRAWING NO:
APP.BY	21.03.21	[Signature]	AOL/E9/ETP/2223/002

TEST REPORT					
Report No:	EFEL/PRO/2024/03/347		Issue Date	21/03/2024	
Name and Address of Customer	M/s. Aarti Drugs Limited, Plot No. E - 9/3&4, MIDC Tarapur Boisar.Tal. Dist. Palghar.				
Sample Name	Noise	Sample Description	Ambient Noise		
Date of Sampling	12/03/2024	Sampling duration	Spot Time		
Sampling done by	M/s. ENVIRONMENT ANALYST & ENGINEER				
Results					
Sr. No.	Locations	12.30 Hrs Result dB(A) Day	22.00 Hrs Result dB(A) Night	Specifications (CPCB Standards dB(A)	Method
1.	Near Main Gate	66.8	61.0	75/70	CPCB Guideline
2.	Near Utility Area ( Boiler )	64.9	60.5		
3.	Near Centrifuge Area	62.5	58.4		
4.	Near Store	61.4	56.4		
5.	Production Plant P-II	62.9	58.7		
Remark-					
<div>➤ All above Noise level results are within Central Pollution Control Board Standards limit.</div> <div>➤ Day/Night -75/70 dB.</div>					



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

## ANNEXURE-V

### GREEN BELT PHOTOGRAPHS











**SAFETY AUDIT REPORT  
OF  
AARTI DRUGS LTD  
Plot No. E-9/3-4  
M.I.D.C. Tarapur  
Dist- Palghar  
Maharashtra  
(AS PER IS: 14489:2018)**

**APRIL- 2023**

***D.B. BATKI***

**B.Sc.Tech A.M.I.E. (Chem. Engg)**

***DB Safe Tech Services***

**Add:- D-701, SarovarDarshan Tower, Near TMC Panchpakhadi, Thane West .**

**Email id: - [dbbatki@gmail.com](mailto:dbbatki@gmail.com) Mob:- 9821040897**

Date :- 08/05/2023

To,  
The Joint Director.  
Industrial Safety & Health.  
Administrative Building 'B'.  
Block No. 05, Collector Office.  
Kolgaon, Palghar (West)

**Subject :- Submission of Schedule II and Hard copy of the Safety Audit Report As Per IS:14489:2018 of M/s. Aarti Drugs Ltd. Plot No. E-9/3-4, MIDC, Tarapur.**

Respected Sir

We have already done the Safety Audit As Per IS: 14489:2018 of M/s. Aarti Drugs Ltd. E-9/3-4, MIDC, Tarapur which was done by Shri. Sanjay Patil recognised Safety Auditor by Government of Maharashtra on 08/04/2023. His Certificate No. is MS/DISH/SA/P-018/2021. We are submitting Schedule II and hard copy of Safety Audit Report As Per IS:14489:2018 of M/s. Aarti Drugs Ltd. Plot No. E-9/3-4, MIDC, Tarapur to your DISH Office.

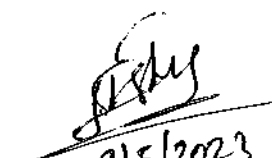
Kindly give the acknowledgment of the same.

Thanking you.

For AARTI DRUGS LTD.

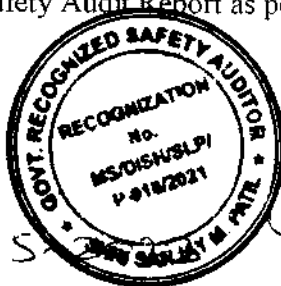
Authority Signatory



  
8/5/2023  
जा.क. औद्योगिक/पालघर/ 1 / 20  
सह संस्थापक,  
औद्योगिक सुरक्षा व आरोग्य, पालघर यांचे कार्यालय,  
प्रशासकीय इमारत ब, ब्लॉक नं - ५, लक बजला,  
विकासविकारी कार्यालय पलघ, बोईसर रोड, कोळगाव,  
ता.पि.पालघर ४०१ ४०४

**SCHEDULE II**  
**(See rule 8 and 9)**  
**PROFORMA FOR SAFETY AUDIT REPORT**

1. Name and address of the factory: Aarti Drugs Limited  
Plot No. E-9/3-4  
M.I.D.C. Tarapur  
Tal. & Dist.- Palghar
2. Name of the Occupier: Shri. Uday Patil
3. Date of Audit: 08/04/2023
4. List of raw material with max. Storage quantity: Attached
5. List of finished products with max. Storage quantity: Attached
6. Manufacturing Process flow Chart: Attached
7. P. I. Diagram of all plants : Attached
- 8 Name of the Safety Auditor and Certificate No Shri. Sanjay Patil  
Certificate No. MS/DISH/SA/P-018/2021  
Name of the person who has carried out safety audit: Shri. D. B. BATKI  
& Shri. Sanjay Patil
9. Whether enclosed safety Audit Report as per IS: 14489: Yes



Date 02-05-2023

Signature of safety auditor

I Shri. Uday Patil occupier of factory undertake to submit the action taken report on recommendations of Safety Audit on or before

Date 01/06/2023

Signature of the occupier

See Rule 10(7) and Schedules II, III, IV, VI, VII, X, XI, XII, XIV, XV, XVII, XVIII, and XX to Rule 114

In respect of persons employed in occupations declared to be dangerous operations under section 87

TO: Company Name : M/S. AARTI DRUGS LTD.

Company Full Address: Plot No -E 9/3-4,MIDC TARAPUR ,TAL. & DIST. PALGHAR.

of Certifying Surgeon: DR.AKSHAY DHOTRE

Company Name: M/S. AARTI DRUGS LTD.

MEDICAL CHECK-UP IN MAY 2024

MEDICAL CHECK-UP IN MAY 2024															
Sr. No.	Work No	Name of Employee	Sex	Age	Date Of Employment of Present Work	Date Of Transfer To Other Work	Reason For Leaving Transfer Or Discharge	Nature of job or occupation (Designation)	Raw material or by Product handled	Date of Medical Examination By Certifying surgeon result	Result Of Medical Examination	If suspended from work state period of suspension with detailed reasons	Rectified fit to resume duty on with signature of certifying surgeon	If certificate of unfitness of suspension issued to worker	Signature of certifying surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	CONT	SANJAY BHOPATE	M	51 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
2	E90144	BRAJESH JITENDRA KUMAR	M	53 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
3	P00140	VIJAY SHANTARAM BHAKRE	M	40 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
4	520101015	RAMSHANKAR UMESH SAV	M	27 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
5	520101307	SEEMA PRANAY SANKHE	F	29 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
6	520102006	KAMINI AVINASH RAUT	F	45 YR	N.A	N.A	N.A	OFFICER	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
7	G60812	MANISH MAHENDRA PANCHAL	F	47 YR	N.A	N.A	N.A	PA	PACKING	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
8	P00127	MADHUKAR NARAYAN PATIL	M	49 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
9	CONT	SUNDAR MAZHI	M	60 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
10	CONT	DHANRAJ CHOUDHARI	M	52 YR	N.A	N.A	N.A	PA	DIKETONE	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
11	CONT	P.D SONAWANE	M	51 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
12	P00116	BHARAT SINGH MANGAL SING GIRASE	M	54 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
13	P00123	NARESH DAMODAR BHOIR	M	51 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
14	CONT	CHANDU LOKHANDE	M	36 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
15	P00107	ANIL GAJANAN SINH	M	57 YR	N.A	N.A	N.A	PA	ADMIN	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
16	CONT	SANTOSH MULK	M	43 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
17	TRAINEE	SATYNDRA KUMAR BATEL	M	27 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
18	P00115	MADAN SINGH BAHADUR PARIHAR	M	52 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
19	520102011	PRASHANT SAMBAHJI PAWAR	M	28 YR	N.A	N.A	N.A	OFFICER	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
20	TRAINEE	DIPAK VILAS THOTAM	M	24 YR	N.A	N.A	N.A	OFFICER	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
21	000308	IFTEKAR NIZAMUDDIN KHAN	M	52 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
22	CONT	AMIT LOKHANDE	M	39 YR	N.A	N.A	N.A	PA	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
23	520101017	REWACHAND PATIL	M	45 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
24	P00122	SUDHAKAR HIRAMAN MALI	M	51 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
25	CPA	PUSHAPRAJ SHENDE	M	38 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
26	E90836	AVINASH JAYWANT PAWAR	M	36 YR	N.A	N.A	N.A	OFFICER	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
27	CONT	VIVEK TANDEL	M	56 YR	N.A	N.A	N.A	PA	DIKETONE	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
28	P00135	NARAYAN SHENU JANGALE	M	45 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
29	P00126	KALPESH TUKARAM SANKHE	M	50 YR	N.A	N.A	N.A	PA	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
30	520101016	PRAKASH TANAKU PATIL	M	27 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
31	TRAINEE	GHANSHYAM SANJAY BAVISKAR	M	24 YR	N.A	N.A	N.A	OFFICER	CHLORO	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	
32	TRAINEE	GHIRISH NILKANTH CHAUDHARI	M	26 YR	N.A	N.A	N.A	OFFICER	2PMS	07 May 2024	FIT FOR WORK	N.A	N.A	N.A	

*(Signature)*  
(महाश्वी)

(B) (व्याख्या)  
कारणान्तरांतरित्वस्य एतत्कालं कालम् १०(२) प्रमाण  
पालिका-विभागाधिकारिणां दिनांक ११/०३/२०२३  
पर्यन्त २०२३-२०२४ पर्यंत  
आधिकृत प्रमाणक शल्यचिकित्सक Dr. ACS35-AD72023  
**Dr. Akshay Dhotre**  
MBBS, MD (Path), AFHK

33	109	MUNSHI BABULAL GUPTA	M	49 YR	N.A	N.A	N.A	OPERATOR	PRODUCTION	09 May 2024	FIT FOR WORK	NA	NA	NA
34	NA	ROSHAN PIMPLE	M	46 YR	N.A	N.A	N.A	OPERATOR	DIKETONE	09 May 2024	FIT FOR WORK	NA	NA	NA
35	NA	PRAVIN BARASKAR	M	45 YR	N.A	N.A	N.A	OPERATOR	PRODUCTION	09 May 2024	FIT FOR WORK	NA	NA	NA
36	NA	YASHWANT CHOUDHARY	M	51 YR	N.A	N.A	N.A	OPERATOR	PRODUCTION	09 May 2024	FIT FOR WORK	NA	NA	NA
37	NA	SOMESHWAR BORIKAR	M	48 YR	N.A	N.A	N.A	NA	PRODUCTION	09 May 2024	FIT FOR WORK	NA	NA	NA

(स्वास्थ्य)  
 कार्यालये अतिरिक्त १९.४८ घंटा कलम १०(२) अन्तर्गत  
 पालका निःशुल्काकरिता दिनांक ११/०३/२०२३  
 पासून २०/०३/२०२५ पर्यंत  
 प्राधिकृत अणुशास्त्र शास्त्राधिकारक ACS35-AD/2023  
**Dr. Akshay Dhotre**  
 MBBS, MD (Path), AFH

Sr No.	Department	Name Of Employee	Sex	DATE OF BIRTH	DATE OF JOINING	Nature Of job Or occupation	Date Of examination	Result Of medical examination	If suspended state peroid with reason	Rectified fit to resume duty On with sign of certifying surgeon	If certificate of unfitness or suspension issued To	Signature with date of certifying surgeon
1	PRODUCTION	RAJENDRA INGALE	MALE	28/06/1974	1/1/1997	MANAGER	3/5/2024	Medically Fit				
2	PRODUCTION	PRASHANT M PATIL	MALE	14/12/1968	2/9/2002	Dy MANAGER	3/5/2024	Medically Fit				
3	ADMIN	KAMLESH PAGDHARE	MALE	14/07/1981	1/2/2008	EXECUTIVE	3/5/2024	Medically Fit				
4	ENG STORE	POONAM CHURI	FEMALE	7/7/1982	1/7/2008	ADMIN ASSIT	3/5/2024	Medically Fit				
5	ENG STORE	DIPESH PATIL	MALE	13/10/1972	2/6/1994	OFFICER	3/5/2024	Medically Fit				
6	ADMIN	ANITA PATIL	FEMALE	9/9/1972	1/5/2016	OFFICER	3/5/2024	Medically Fit				
7	ADMIN	VATAN PAGDHARE	MALE	30/06/1985	1/4/2013	ADMIN ASSIT	3/5/2024	Medically Fit				
8	RM STORE	NIYAZ MAZGAONKAR	MALE	30/11/1971	6/9/2004	EXECUTIVE	3/5/2024	Medically Fit				
9	MAINTENANCE	MAHENDRA GULVE	MALE	15.05.1970	1/9/2005	Dy MANAGER	3/5/2024	Medically Fit				
10	MAINTENANCE	VINOD PAWAR	MALE	20/12/1987	1/9/2012	EXECUTIVE	3/5/2024	Medically Fit				
11	MAINTENANCE	SAHIL PATIL	MALE	29/11/1995	1/11/2018	OFFICER	3/5/2024	Medically Fit				
12	MAINTENANCE	KAPIL VIRANCI SAHU	MALE	5/6/1969	1/7/1991	Production Assistant	3/5/2024	Medically Fit				
13	MAINTENANCE	RAVINDRA NAMDEO BARI	MALE	1/11/1967	20/01/1985	Production Assistant	3/5/2024	Medically Fit				
14	QA	HEMANT R RAUT	MALE	28/06/1967	1/7/1995	Asst. MANAGER	3/5/2024	Medically Fit				
15	QC	JYOTI PATIL	FEMALE	25/06/1991	1/3/2014	OFFICER	3/5/2024	Medically Fit				
16	QA	KAJAL BARI	FEMALE	10/3/1994	1/7/2016	OFFICER	3/5/2024	Medically Fit				
17	MAINTENANCE	KUNAL PATIL	MALE	10/5/1997	8/8/2022	GT	3/5/2024	Medically Fit				
18	MAINTENANCE	PRAVIN MINANATH MEHER	MALE	27/06/1993	10/7/2023	GT	3/5/2024	Medically Fit				
19	QC	PRATIK KADU	MALE	8/8/1997	25/04/2022	GT	3/5/2024	Medically Fit				
20	QC	SWARAJ SANDEEP MANDAVKAR	MALE	4/10/2000	22/08/2022	GT	3/5/2024	Medically Fit				
21	QC	MAYURESH ANIL CHEDE	MALE	6/4/2001	22/05/2023	GT	3/5/2024	Medically Fit				
22	QC	SANKALP BALASAHEB PATIL	MALE	24/02/2000	2/10/2023	GT	3/5/2024	Medically Fit				
23	ADMIN	BHAVIK PATIL	MALE	14/11/1999	1/5/2018	CPA	3/5/2024	Medically Fit				
24	SECURITY	B.G. PATIL	MALE	1/6/1970	20/04/2014	SECURITY	3/5/2024	Medically Fit				
25	SECURITY	SAINATH SALVI	MALE	1/6/1961	2/4/2024	SECURITY	3/5/2024	Medically Fit				

*U. Patil*

**DR. VIKAS M. PATIL**  
M.D., A.F.I.H.  
FACTORY MEDICAL OFFICER  
AARTI DRUGS LTD.

# FRANK FIRE & SAFETY SERVICES

AN ISO 9001 : 2008 CERTIFIED COMPANY

OFFICE :- A-15/8, KRISHNA GOPAL BLDG, KRISHNA NAGAR, BOISAR -401501 DIST-PALGHAR, MAHARASHTRA.

Mobile No.+91-00-8806863686, 7768852022

E-MAIL ; frankfiresafety@yahoo.com, frankfire.india@gmail.com,

Visit Us :- [www.hotfrog.in/Companies/FRANK-FIRE-SAFETY](http://www.hotfrog.in/Companies/FRANK-FIRE-SAFETY)

WORK :- SARASWATI APPT, "A" WING, SHOP NO.005, KHERA PADA,  
BOISAR, T- PALGHAR, MH-401501

Servicing Date : 28.06.2022

NAME OF THE FACTORY : Aarti Drugs Limited (Reshesh Chemical Division)

ADDRESS : E-9/3-4, MIDC, Tarapur industrial Area, Boisar, Dist Thane, Maharashtra-401506

## MONTHLY FIRE EXTINGUISHER SERVICING REPORT \_ June- 2022

S.NO	LOCATION	TYPE	CAPACITY	HPT ON	HPT DUE	REFILLER ON	DUE ON	OBSERVATION	REMARK
1	Main Gate	ABC	6 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
2	Main Gate	ABC	6 Kg	22.07.2021	21.07.2022	24.07.2021	23.07.2022	Nil	Ok
3	Main Gate	AFFF	50 LTR	26.01.2022	25.01.2023	28.01.2022	27.01.2023	Nil	Ok
4	Solvent Storage Area G/F	AFFF	50 LTR	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
5	Solvent Storage Area G/F	AFFF	50 LTR	30.04.2022	29.04.2023	02.05.2022	01.05.2023	Nil	Ok
6	Near Engineering Store G/F	CO2	2 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
7	Near Engineering Store G/F	CO2	2 Kg	Feb-20	Feb-25	01.04.2022	31.03.2023	Nil	Ok
8	Near Packing Dept G/F	ABC	6 Kg	26.01.2022	25.01.2023	28.01.2022	27.01.2023	Nil	Ok
9	Near QC Dept S/F	CO2	4.5 Kg	Oct-17	Oct-22	02.12.2021	01.12.2022	Nil	Ok
10	Near QC Dept S/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
11	QC Lab S/F	CO2	4.5 Kg	Aug-21	Aug-26	30.08.2021	29.08.2022	Nil	Ok
12	Instrument Room QC lab S/F	ABC	1 Kg	30.11.2021	29.11.2022	01.12.2021	01.12.2022	Pressure Low	
13	Hot Section QC S/F	ABC	1 Kg	29.09.2021	28.09.2022	01.10.2021	30.09.2022	Nil	Ok
14	Chloro Plant G/F	AFFF	50 LTR	26.01.2022	25.01.2023	28.01.2022	27.01.2023	Nil	Ok
15	Chloro Plant G/F	ABC	6 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
16	Diketone Plant G/F	ABC	6 Kg	27.12.2021	26.12.2022	29.12.2021	28.12.2022	Nil	Ok
17	Diketone Plant G/F	ABC	6 Kg	08.03.2022	07.03.2023	10.03.2022	09.03.2023	Nil	Ok
18	Chloro Plant G/F	AFFF	45 LTR	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
19	Chloro Plant G/F	ABC	6 Kg	27.12.2021	26.12.2022	29.12.2021	28.12.2022	Nil	Ok
20	Diketone Plant G/F	ABC	6 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
21	N2 Plant G/F	CO2	4.5 Kg	Feb-21	Feb-26	02.06.2022	01.06.2023	Nil	Ok
22	Diketone Plant F/F	ABC	6 Kg	14.10.2021	13.10.2022	16.10.2021	15.10.2022	Nil	Ok
23	Chloro Plant F/F	ABC	6 Kg	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
24	Diketone Plant F/F	ABC	6 Kg	14.10.2021	13.10.2022	16.10.2021	15.10.2022	Nil	Ok
25	Chloro Plant F/F	ABC	6 Kg	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok
26	Chloro Plant F/F	CO2	2 kg	Mar-21	Mar-26	02.06.2022	01.06.2023	Nil	Ok
27	Diketone Plant F/F	ABC	6 Kg	14.10.2021	13.10.2022	16.10.2021	15.10.2022	Nil	Ok
28	Chloro Plant S/F	ABC	6 Kg	14.10.2021	13.10.2022	16.10.2021	15.10.2022	Nil	Ok
29	Chloro Plant S/F	ABC	6 Kg	29.09.2021	28.09.2022	01.10.2021	30.09.2022	Nil	Ok
30	Chloro Plant S/F	CO2	4.5 Kg	Nov-20	Nov-25	02.12.2021	01.12.2022	Nil	Ok
31	Chloro Plant S/F	ABC	6 Kg	29.09.2021	28.09.2022	01.10.2021	30.09.2022	Nil	Ok
32	Diketone Plant S/F	ABC	6 Kg	30.04.2022	29.04.2023	02.05.2022	01.05.2023	Nil	Ok
33	Diketone Plant S/F	ABC	6 Kg	14.10.2021	13.10.2022	16.10.2021	15.10.2022	Nil	Ok
34	Chloro Plant T/F	ABC	6 Kg	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
35	Chloro Plant T/F	ABC	6 Kg	22.07.2021	21.07.2022	24.07.2021	23.07.2022	Nil	Ok
36	Chloro Plant T/F	AFFF	50 LTR	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok



37	Chloro Plant Elect Panel Room T/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
38	Chloro Plant T/F	ABC	6 Kg	26.01.2022	25.01.2023	28.01.2022	27.01.2023	Nil	Ok
39	Electrical Panel Room T/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
40	Near Storage Tank	AFFF	45 LTR	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
41	Near MCC Room Utility Area G/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
42	Near MCC Room Utility Area G/F	CO2	4.5 Kg	Feb-21	Feb-26	01.04.2022	31.03.2023	Nil	Ok
43	Near Boiler House G/F	ABC	6 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
44	Near Boiler House G/F	DCP	50 Kg	08.03.2022	07.03.2023	10.03.2022	09.03.2023	Nil	Ok
45	Near Hydrant Pump House	AFFF	45 LTR	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
46	HT Room Near Gate No-2 G/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
47	HT Room Near Gate No-2 G/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
48	Near Electrical Transformer G/F	CO2	4.5 Kg	Nov-20	Nov-25	02.12.2021	01.12.2022	Nil	Ok
49	Near Electrical Transformer G/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
50	MCC Room, 2-PMS Plant G/F	CO2	4.5 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
51	Elect Panel Room 2-PMS Plant GF	CO2	4.5 Kg	Oct-20	Oct-25	16.10.2021	15.10.2022	Nil	Ok
52	2-PMS Plant ( Ground Floor )	AFFF	50 LTR	29.10.2021	28.10.2022	01.10.2021	30.09.2022	Nil	Ok
53	2-PMS Plant ( Ground Floor )	DCP	50 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
54	2-PMS Plant G/F Day Tanks	AFFF	50 LTR	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok
55	2-PMS Plant G/F	ABC	6 Kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
56	2-PMS Plant F/F	CO2	9 Kg	Jan-21	Jan-26	01.04.2022	31.03.2023	Nil	Ok
57	2-PMS Plant F/F	CO2	2 Kg	Feb-21	Feb-26	10.03.2022	09.03.2023	Nil	Ok
58	2-PMS Plant F/F	AFFF	45 LTR	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
59	2-PMS Plant F/F	CO2	9 Kg	Jan-21	Jan-26	01.04.2022	31.03.2023	Nil	Ok
60	2-PMS Plant F/F	ABC	6 Kg	27.12.2021	26.12.2022	29.12.2021	28.12.2022	Nil	Ok
61	Elect Panel Room 2-PMS Plant FF	CO2	4.5 Kg	Aug-18	Aug-23	01.10.2021	30.09.2022	Nil	Ok
62	2- PMS Plant S/F	ABC	6 Kg	29.10.2021	28.10.2022	01.10.2021	30.09.2022	Nil	Ok
63	2- PMS Plant S/F	ABC	6 Kg	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok
64	ANFD Room, 2-PMS Plant G/F	ABC	6 Kg	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
65	Processing Area 2-PMS Plant ( GF)	ABC	6 Kg	29.10.2021	28.10.2022	01.10.2021	30.09.2022	Nil	Ok
66	Near ETP	DCP	50 kg	30.03.2022	29.03.2023	01.04.2022	31.03.2023	Nil	Ok
67	Near ETP	ABC	6 Kg	26.01.2022	25.01.2023	28.01.2022	27.01.2023	Nil	Ok
68	H2 Gas Reading Station G/F	AFFF	50 LTR	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok
69	Near 2 PMS Plant G/F	AFFF	45 LTR	22.07.2021	21.07.2022	24.07.2021	23.07.2022	Nil	Ok
70	Packing Dept Outside G/F	ABC	6 Kg	30.11.2021	29.11.2022	02.12.2021	01.12.2022	Nil	Ok
71	Near Office F/F	ABC	6 Kg	28.08.2021	27.08.2022	30.08.2021	29.08.2022	Nil	Ok
72	Finish Good Storage Area F/F	ABC	6 Kg	23.10.2021	22.10.2022	25.10.2021	24.10.2022	Nil	Ok
73	Raw Material Storage S/F	ABC	6 Kg	08.03.2022	07.03.2023	10.03.2022	09.03.2023	Nil	Ok
74	QC Terrace T/F	ABC	6 Kg	04.09.2021	03.09.2022	06.09.2021	05.09.2022	Nil	Ok
75	Spare	ABC	6 Kg	30.04.2022	29.04.2023	02.05.2022	01.05.2023	Nil	Ok
76	Spare	ABC	6 Kg	30.04.2022	29.04.2023	02.05.2022	01.05.2023	Nil	Ok
77	Spare	CO2	4.5 Kg	Dec-21	Dec-26	02.02.2022	01.02.2023	Nil	Ok
78	Spare	CO2	4.5 Kg	Dec-21	Dec-26	02.02.2022	01.02.2023	Nil	Ok
79	Emergency Trolley	CO2	6.5 Kg	Dec-21	Dec-26	02.02.2022	01.02.2023	Nil	Ok
80	Emergency Trolley	CO2	6.5 Kg	Dec-21	Dec-26	02.02.2022	01.02.2023	Nil	Ok
81	Emergency Trolley	CO2	9 Kg	Jan-21	Jan-26	02.06.2022	01.06.2023	Nil	Ok

For :- **FRANK FIRE & SAFETY SERVICES**

AUTHORIZED SIGNATURE



Checked By : **Safety Department**

AUTHORIZED SIGNATURE

29.06.2022



**AARTI DRUGS LTD**  
**PLOT NO E-9/3-4**

***FIRE HYDRANT DETAILS***

Date : 27.06.2022

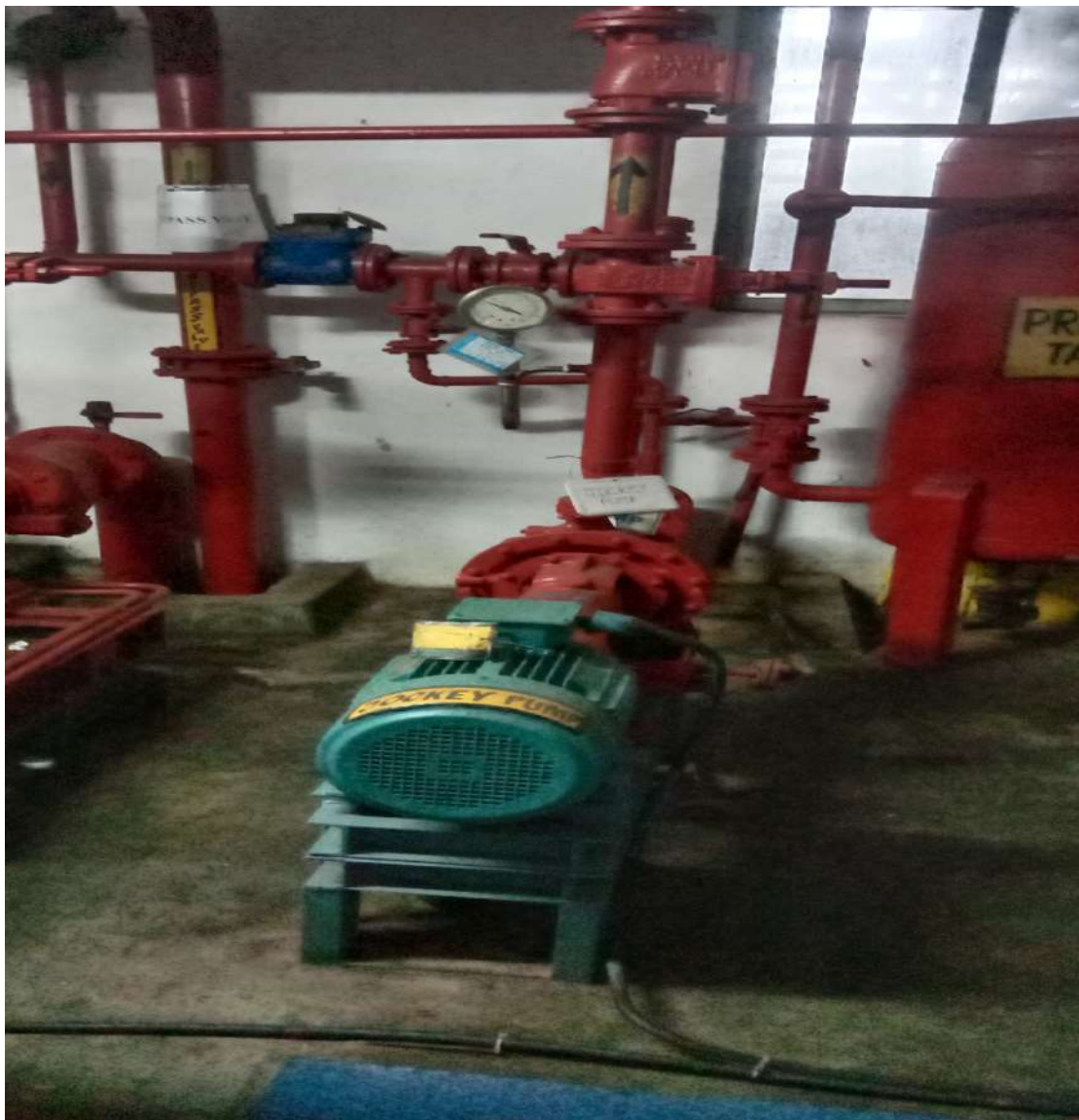
**Details of the Fire Hydrant system:**

<b>Sr No</b>	<b>Name of the Pump</b>	<b>HP</b>	<b>ID</b>	<b>LOCATION</b>
1	Jockey Pump	10 HP	JP/01	Fire hydrant House
2	Main Pump	60 HP	MP/01	Fire hydrant House
3	Diesel Generator Pump	90 HP	DE/01	Fire hydrant House

**Details of the Fire Hydrant Water Tank:**

<b>Sr No</b>	<b>Name of the Tank</b>	<b>Capacity</b>	<b>Remarks</b>
1	Fire hydrant water Tank	1.0 lac Liter	

## FIRE HYDRANT SYTEM PHOGRAPHS







# Mumbai Waste Management Ltd.

## Certificate

— of Membership —

M/s. Aarti Drugs Ltd.

is a registered member of  
CHW-TSDF at MIDC –Taloja for  
safe and secure disposal of  
Hazardous waste with  
Membership No: MWML – HZW – TAR – 213

This Certificate is valid up to: 31<sup>st</sup> March 2025



Onkar Kulkarni  
Manager –MBD



Somnath Malgar  
Director



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

## FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

**Unique Application Number:**

MPCB-HW\_ANNUAL\_RETURN-0000047224

**Submitted On:**

25-06-2024

**Industry Type :**

Generator

**Submitted for Year:**

2024

**1. Name of the generator/operator of facility**

M/s. Aarti Drugs Ltd.

**Address of the unit/facility**

Plot No. E-9/3-4, MIDC Tarapur, Tal. & Dist . Palghar,  
Maharashtra - 401506.

**1b. Authorization Number**

Format1.0/AS(T)/UAN No.0000151101/CR/2303001531

**Date of issue**

Mar 21, 2023

**Date of validity of consent**

Dec 31, 2027

**2. Name of the authorised person**

Mr. Rajendra Ingale

**Full address of authorised person**

Plot No. E-9/3-4, MIDC Tarapur, Tal. & Dist . Palghar,  
Maharashtra - 401506.

**Telephone**

9960595154

**Fax**

**Email**

e9safety@aartidrugs.com

**3. Production during the year (product wise), wherever applicable**

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Pharmaceuticals(excluding formulation)	Para Chloro Benzene Sulfonyl Chloride	2400.0000	274	MT/A
Pharmaceuticals(excluding formulation)	Benzene Sulfonyl Chloride	2400.0000	1958.2	MT/A
Pharmaceuticals(excluding formulation)	2 Phenoxy Methane Sulphonilide	1200.0000	868.3	MT/A
Pharmaceuticals(excluding formulation)	N Methyl Methane Sulphonamide	600.0000	38	MT/A
Pharmaceuticals(excluding formulation)	Para Toluene Sulfonyl Chloride	2400.0000	102	MT/A
Pharmaceuticals(excluding formulation)	Methyl Ortho Para Toluene Sulphonate	120.0000	12.6	MT/A
Pharmaceuticals(excluding formulation)	Diketone	360.0000	123.6	MT/A
Pharmaceuticals(excluding formulation)	Benzene Sulphonamide	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Para Chloro Benzene Sulphonamide	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	N Butyl Benzene Sulphonamide	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Ortho Para Toluene Sulphonamide	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	N Phenyl Benzene Sulphonamide	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Methyl Nicotinate	180.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Ethyl Nicotinate	180.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Methyl Benzene Sulphonate	120.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Methyl Para Toluene Sulphonate	120.0000	0	MT/A

Pharmaceuticals(excluding formulation)	Ethyl Para Toluene Sulphonate	120.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Benzene Sulphonic Acid	360.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Sodium Salt of BS Acid	360.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Sodium Benzene Sulphinate	360.0000	0	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
35.3 Chemical sludge from waste water treatment	Chemical sludge from waste water treatment	31.680	29.06	MTA
28.1 Process Residue and wastes	Process Residue and wastes	62.400	91.9	MTA
35.4 Oil and grease skimming	Oil and grease skimming	0.060	0.4	MTA
28.6 Spent organic solvents	Spent organic solvents	265.680	33.86	MTA
Other Hazardous Waste	70% Dilute Sulphuric Acid	7261.400	4568.94	MTA
Other Hazardous Waste	30% Dilute HCL	7220.400	4581.66	MTA
Other Hazardous Waste	Mono Methyl Amine HCL	351.960	7.13	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	16200.000	2534	numbers/anum
5.1 Used or spent oil	Used or spent oil	0.540	0	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
35.3 Chemical sludge from waste water treatment	29.06	MTA	Co-processors or pre-processor	Go Green eco tech solution pvt ltd.
28.1 Process Residue and wastes	91.9	MTA	Co-processors or pre-processor	Go Green Eco Tech Solution Pvt. Ltd.
35.4 Oil and grease skimming	0.4	MTA	Co-processors or pre-processor	Go Green Eco Tech Solutions Pvt Ltd.
28.6 Spent organic solvents	24.826	MTA	Recycler or Actual user	Maa Krupa Distributors
28.6 Spent organic solvents	9.034	MTA	Recycler or Actual user	Turmalin Chemicals
Other Hazardous Waste	2740.33	MTA	Recycler or Actual user	Basant Agrotech I Ltd.
Other Hazardous Waste	490.5	MTA	Recycler or Actual user	Shiva Global Agro Ind. Ltd.
Other Hazardous Waste	560.37	MTA	Recycler or Actual user	Bharat Agrifert & Reality Ltd.
Other Hazardous Waste	700.94	MTA	Recycler or Actual user	Rajlaxmi Agrotech India Pvt. Ltd.
Other Hazardous Waste	76.8	MTA	Recycler or Actual user	Sark Indurtries P. Ltd.
Other Hazardous Waste	1333.75	MTA	Recycler or Actual user	Viraj Profile Ltd.
Other Hazardous Waste	1448.55	MTA	Recycler or Actual user	Meera Chemical Industries
Other Hazardous Waste	583.2	MTA	Recycler or Actual user	Amarnath Enterprises
Other Hazardous Waste	613.27	MTA	Recycler or Actual user	Evans India
Other Hazardous Waste	415.79	MTA	Recycler or Actual user	Encorp Power trans P. Ltd

Other Hazardous Waste	152.17	MTA	Recycler or Actual user	Aratha Enterprises
Other Hazardous Waste	22.14	MTA	Recycler or Actual user	Sunil Great (HYK) Processor
Other Hazardous Waste	11.87	MTA	Recycler or Actual user	Systematic Wire P. Ltd.
Other Hazardous Waste	0.92	MTA	Recycler or Actual user	Aarti Drugs Ltd. K-40
Other Hazardous Waste	7.13	MTA	Recycler or Actual user	Grindlays Pharmaceuticals P. Ltd.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	2534	numbers/anum	Recycler or Actual user	Abdul Wahab Naseeb Ali Shah

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	--NA--	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	--NA--	0	MTA

5. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	0	MTA
Landfill after treatment	0	MTA

6. Quantity incinerated (if applicable)

0	MTA
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Personal Details

Place	Date	Designation
MIDC Tarapur	2024-06-25	Works Manager



**AARTI DRUGS LTD.**  
**PLOT NO.E-9/3-4,TARAPUR**  
**MIDC.**

PAGE-1

**MOCK DRILL RECORD**



**AARTI DRUGS LTD.**  
**PLOT NO.E-9/3-4,TARAPUR MIDC.**

Mr.Rajendra Ingale	Site Main Controller	
		Sign & Date - 27/02/2024
Mr. Avinash Pawar	Incident Controller	
		Sign & Date - 27/02/2024
Mr. Chetan Tamore	Safety Dept.	
		Sign & Date - 27/02/2024



**AARTI DRUGS LTD.**  
**PLOT NO.E-9/3-4,TARAPUR**  
**MIDC.**

PAGE-2

**MOCK DRILL RECORD**

**INDEX**

SR.NO	TOPIC	PAGE NO.
1	Index	2
2	Introduction	3
3	Action Plan	4
4	Team &Team Leaders	5
5	On Site Mock-drill Checklist	7
6	Description of Mock Drill event.	8
7	Discussion on Mock Drill	9
8	Photographs of Mock drill	10-20



**AARTI DRUGS LTD**  
E -9/3-4, MIDC TARAPUR.

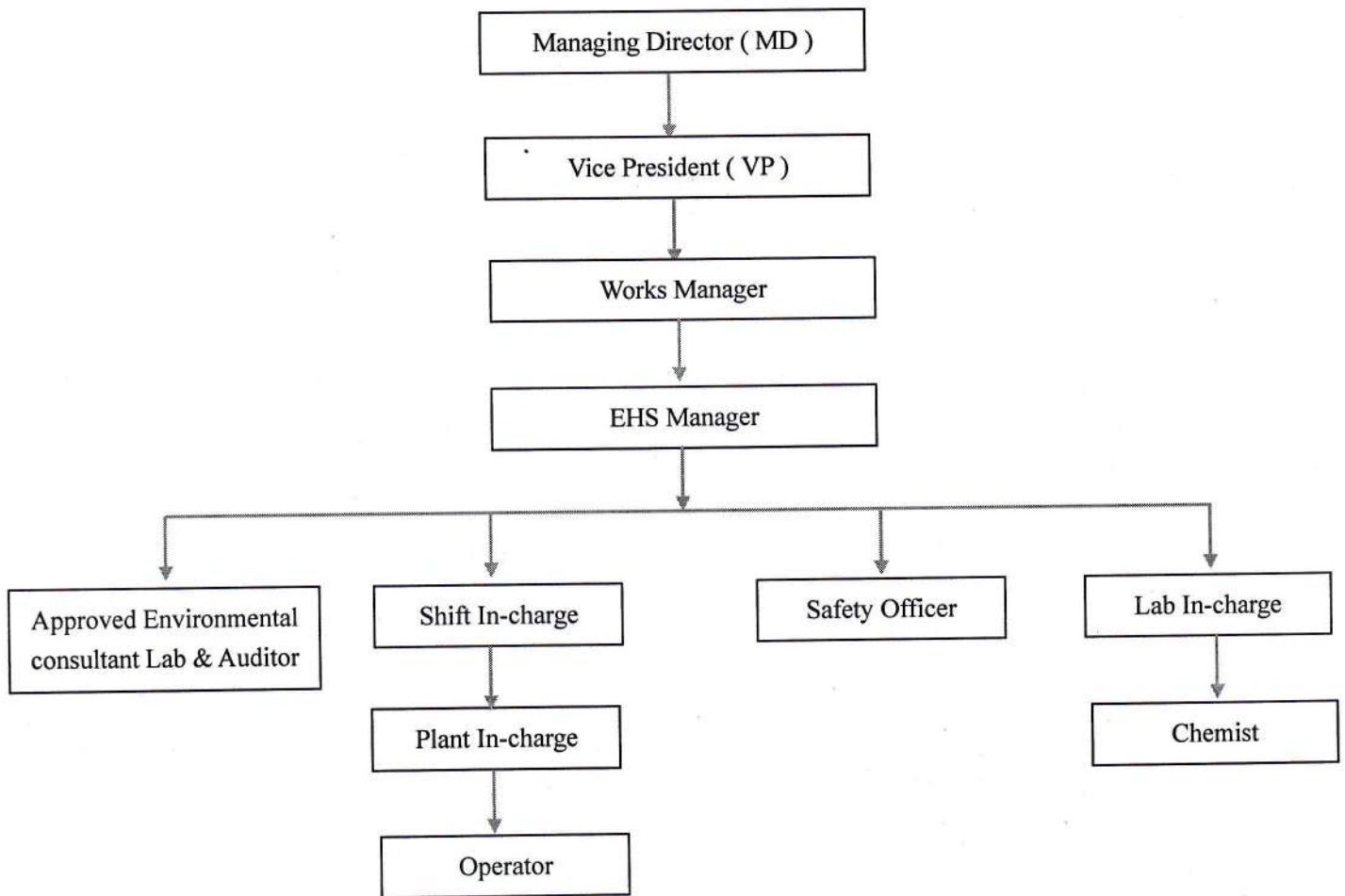
## MOCK DRILL CIRCULAR

### RECEIVING DETAILS OF THE MOCK DRILL CIRCULAR

SR.NO.	NAMES OF THE RECEIVER	YES/ NO
1	Police Station , Tarapur MIDC , 401506	√
2	The Deputy Engineer , MIDC Office, Taki Naka, 401506	√
3	The Fire Station Office, Camline Naka , Tarapur MIDC	√
4	The Nishita Technociate, Plot no. E-9/1, Tarapur MIDC	√
5	Meena Hotel ,Plot no.P-60 Tarapur MIDC	√
6	Eastman Chemical, Plot no.-E-9/2, Tarapur MIDC	√
7	NGL Fine Chem Ltd, Plot no. W-41/C,Tarapur MIDC	√
8	Group Pharmaceuticals Ltd, Plot no. W-46/B,Tarapur MIDC	√
9	Raj Industries, Plot no. W-49, Tarapur MIDC	Did not take

# ANNEXURE-XI

**Environment Management cell Diagram :-**



## ANNEXURE-XII

# पर्यावरणविषयक परवानगी

आम्ही आरती ड्रग्स लिमिटेड सर्वाना कळवू इच्छितो की आम  
च्या कारखान्यात पत्ता : प्लॉट नं. E - ९/३ & ४, प्रस्तावित  
ए.पी.आय. ( बल्क ड्रग्स आणि इंटरमिडियट) उत्पादन  
विस्तारीकरण महिन्याला ४८६ मे. टन पासून ते ४६५ मे. टन  
पर्यन्त (संदर्भ पत्राद्वारे SEAC - २०१४/ CR-३८८/  
TC-२ दि. ३ डिसेंबर, २०१६), पर्यावरणविषयक मंजूरी  
दिली आहे. याची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे  
मिळू शकेल, त्याचप्रमाणे इंटरनेटच्या संकेतस्थळ [http://  
ec.maharashtra.gov.in](http://ec.maharashtra.gov.in) वर पाहता येईल .



**TEST REPORT**

Report No:	EFEL/PRO/2024/03/343	Issue Date	21/03/2024
Name and Address of Customer	M/s. Aarti Drugs Limited, Plot No. E - 9/3&4, MIDC Tarapur Boisar.Tal. Dist. Palghar.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	12/03/2024		Stack Height : 30 mtr
Start Date of Analysis	13/03/2024		Stack Type : Round
End Date of Analysis	21/03/2024	Sampling Location	Boiler ( 8 Ton )
Sampling done by	M/s. ENVIRONMENT ANALYST & ENGINEER	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

**Results**

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	416	K		--
2	Differential Pressure	4.6	mm WG		
3	Velocity	8.60	M/s		
4	Dimensions of Stack	0.7	Mtr.		
5	Stack Area	0.384	M <sup>2</sup>		
6	Gas Volume	8240.27	Nm <sup>3</sup> /Hr		
7	Particulate Matter	44.6	mg/Nm <sup>3</sup>	≤ 50	CPCB Guideline on methodologies for source emission monitoring
8	SulphurDioxide(SO <sub>2</sub> )	32.0	mg/Nm <sup>3</sup>	--	
9	SulphurDioxide(SO <sub>2</sub> )	6.32	Kg/Day	≤ 144	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL:- Below Detection Limit



  
Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)

Page 01 of 01



**TEST REPORT**

Report No:	EFEL/PRO/2024/03/344	Issue Date	21/03/2024
Name and Address of Customer	M/s. Aarti Drugs Limited, Plot No. E - 9/3&4, MIDC Tarapur Boisar. Tal. Dist. Palghar.		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	12/03/2024		Stack Height : 3.0 mtr
Start Date of Analysis	13/03/2024		Stack Type : Round
End Date of Analysis	21/03/2024	Sampling Location	D G Set-380 KVA
Sampling done by	M/s. ENVIRONMENT ANALYST & ENGINEER	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring

**Results**

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	378	K		
2	Differential Pressure	4.3	mm WG		
3	Velocity	7.65	M/s		
4	Dimensions of Stack	0.2	Mtr.		
5	Stack Area	0.0314	M <sup>2</sup>		
6	Gas Volume	682.27	Nm <sup>3</sup> /Hr		
7	Particulate Matter	45.2	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	SulphurDioxide(SO <sub>2</sub> )	28.0	mg/Nm <sup>3</sup>	--	
9	SulphurDioxide(SO <sub>2</sub> )	0.047	Kg/Day	≤ 12.01	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL.: - Below Detection Limit



Authorized Signatory  
**Mr. Mahesh Shelar**  
(Managing Director)

Page 01 of 01

TEST REPORT					
Report No:	EFEL/PRO/2024/03/345	Issue Date	21/03/2024		
Name and Address of Customer	M/s. Aarti Drugs Limited, Plot No. E - 9/3&4, MIDC Tarapur Boisar.Tal. Dist. Palghar.				
Sample Name	Source Emission	Sample Description	Stack Material : MS		
Date of Sampling	12/03/2024		Stack Height : 3 mtr		
Start Date of Analysis	13/03/2024		Stack Type : Round		
End Date of Analysis	21/03/2024	Sampling Location	HCL Scrubber PMS		
Sampling done by	M/s. ENVIRONMENT ANALYST & ENGINEER	Sampling duration	30 Min		
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	342	K		--
2	Differential Pressure	4.2	mm WG		
3	Velocity	7.19	M/s		
4	Dimensions of Stack	0.1	Mtr.		
5	Stack Area	0.00785	M <sup>2</sup>		
6	Gas Volume	177.22	Nm <sup>3</sup> /Hr		
7	HCL	4.0	mg/Nm <sup>3</sup>	≤ 35	CPCB Guideline on methodologies for source emission monitoring
➤ Remark- All above results are well within MPCB Limit. BDL:- Below Detection Limit					



Authorized Signatory  
Mr. Mahesh Shelar  
(Managing Director)



Page 01 of 01

TEST REPORT							
Report No:		EFEL/PRO/2024/03/346		Issue Date		21/03/2024	
Name and Address of Customer		M/s. Aarti Drugs Limited, Plot No. E - 9/3&4, MIDC Tarapur Boisar.Tal. Dist. Palghar.					
Sample Name		Source Emission		Sample Description		Stack Material : PP/FRP	
Date of Sampling		12/03/2024				Stack Height : 3 mtr	
Start Date of Analysis		13/03/2024				Stack Type : Round	
End Date of Analysis		21/03/2024		Sampling Location		HCL Scrubber Chloro	
Sampling done by		M/s. ENVIRONMENT ANALYST & ENGINEER		Sampling duration		30 Min	
Sample Quantity		Thimble 1 Nos and 30 ml Solution		Sampling Procedure		CPCB Guideline on methodologies for source emission monitoring	
Results							
Sr. No.	Parameters		Results	Unit(s)	Specifications (MPCB Consent)	Methods	
1	Flue Gas Temperature		340	K			
2	Differential Pressure		4.0	mm WG			
3	Velocity		7.00	M/s			
4	Dimensions of Stack		0.1	Mtr.			
5	Stack Area		0.00785	M <sup>2</sup>			
6	Gas Volume		173.46	Nm <sup>3</sup> /Hr			
7	HCL		6.0	mg/Nm <sup>3</sup>	≤ 35	CPCB Guideline on methodologies for source emission monitoring	
➤ Remark- All above results are well within MPCB Limit. BDL.: - Below Detection Limit							



**Authorized Signatory**  
**Mr. Mahesh Shelar**  
**(Managing Director)**

Page 01 of 01



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000056104

### Submitted Date

16-08-2023

## PART A

### Company Information

#### Company Name

AARTI DRUGS LTD

#### Application UAN number

MPCB-CONSENT-0000151101

#### Address

PLOT NO. E-9/3-4, MIDC, TARAPUR, TAL. &  
DIST. - PALGHAR

#### Plot no

PLOT NO. E-9/3-4

#### Taluka

PALGHAR

#### Village

TARAPUR

#### Capital Investment (In lakhs)

9.92

#### Scale

SSI

#### City

BOISAR

#### Pincode

401506

#### Person Name

MR UDAY PATIL

#### Designation

DIRECTOR

#### Telephone Number

9960595154

#### Fax Number

0

#### Email

e9safety@aartidrugs.com

#### Region

SRO-Tarapur I

#### Industry Category

Red

#### Industry Type

R58 Pharmaceuticals

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/AS(T)/UAN  
No.0000151101/CR/2303001531

#### Consent Issue Date

2023-03-21

#### Consent Valid Upto

2027-12-31

#### Establishment Year

1983

#### Date of last environment statement submitted

Sep 16 2022 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

PARA CHLORO BENZENE SULPHONYL CHLORIDE

#### Consent Quantity

2400

#### Actual Quantity

185.258

#### UOM

MT/A

BENZENE SULPHONYL CHLORIDE

2400

1959.713

MT/A

METHYL PARA TOLUENE SULPHONATE

120

9.180

MT/A

2-PHENOXY METHANE SULPHONILIDE

1200

810.565

MT/A

N-METHYL METHANE SULPHONAMIDE

600

40.439

MT/A

PARA TOLUENE SULPHONYL CHLORIDE

2400

127.350

MT/A

METHYL ORTHO PARA TOLUENE SULPHONATE

120

9.200

MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	54.00	41.27
Domestic	5.00	3.82
All others	0.00	0.00
Total	121.50	92.47

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	30	14.2	CMD
DOMESTIC EFFLUENT	4	3.05	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
N-METHYL METHANE SULPHONAMIDE, BENZENE SULPHONYL CHLORIDE, PARA TOLUENE SULPHONYL CHLORIDE, 2-PHENOXY METHANE SULPHONILIDE, DI- KETONE, PARA CHLORO BENZENE SULPHONYL CHLORIDE, METHYL PARA TOLUENE SULP	3.2	5.14	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
4-METHYL ACETOPHENONE	0.6	0.616	MT/A
TRIFLURO ACETIC ACID	0.6	0.620	MT/A
TOLUENE	0.5	0.3871	MT/A
METHANOL	0.2	0.265	MT/A
SULPHURIC ACID 98%	0	0.30	MT/A
SODIUM METHOXIDE (POWDER)	0.34	0.34	MT/A
BENZENE	0.59	0.59	MT/A
CATALYST (AMMONIUM CHLORIDE)	0.0065	0.0105	MT/A
MONO CHLORO BENZENE	0	0.825	MT/A
CAUSTIC POTASH FLAKES	0.3	0.30	MT/A
HYDROGEN GAS	0.33	0.33	MT/A
LIQ AMMONIA 25%	0.015	0.015	MT/A
METHANE SULPHONYL CHLORIDE	0	0.5153	MT/A
ORTHO NITRO CHLORO BENZENE	0.7	0.71	MT/A

MIX-XYLENE	0.092	0.092	MT/A
PHENOL	0.43	0.435	MT/A
MONO METHYL AMINE GAS	0.6	0.60	MT/A
ETHYLENE DI CHLORIDE	0.40	0.405	MT/A
CAUSTIC SODA LYE	0.009	0.024	MT/A
CHLORO SULPHONIC ACID	2.69	2.5357	MT/A

#### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COAL	5256000	3417696	Kg/Annum
DISEAL	8760	5665	Ltr/A

### Part-C

#### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

##### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
pH	0	7.18	NA	5.5-9.0	NA
COD	3.32	110.87	44.34	250 MG/L	NA
BOD	0.96	32	32	100 MG/L	NA
SS	0.99	33	33	100 MG/L	NA
OIL AND GREASE	0	0	BDL	10 MG/L	NA
TDS	36.73	1224.5	58.30	2100 mg/l	NA

##### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM/TPM	0	67	44.66	150Mg/Nm3	NA
S02	112.3	0	77.98	144 KG/DAY	--

### Part-D

#### HAZARDOUS WASTES

##### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
28.1 Process Residue and wastes	66.613	124.27	MT/A
28.6 Spent organic solvents	0	15.262	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	5025	3675	MT/A
Other Hazardous Waste	4803.880	4553.36	MT/A
Other Hazardous Waste	4946.300	4468	MT/A

##### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
35.3 Chemical sludge from waste water treatment	13.655	20.17	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	MT/A

#### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

### 1) Hazardous Waste

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
28.1 Process Residue and wastes	4	MT/A	J K Laxmi
28.1 Process Residue and wastes	21.06	MT/A	ECO waste Mangement
28.1 Process Residue and wastes	17.23	MT/A	Indus Chem
28.1 Process Residue and wastes	33.33	MT/A	Go Green
28.1 Process Residue and wastes	48.65	MT/A	Disposal Facility CHWTSDF
35.3 Chemical sludge from waste water treatment	11.77	MT/A	Disposal Facility CHWTSDF
35.3 Chemical sludge from waste water treatment	8.4	MT/A	ECO waste Management
Other Hazardous Waste	2543.91	MT/A	Basant Agrotech Ind Ltd
Other Hazardous Waste	1461	MT/A	Shiva Globle agro Ind. Ltd.
Other Hazardous Waste	129.5	MT/A	Basant Agrotech Ind Ltd Jalgoan
Other Hazardous Waste	418.95	MT/A	Bharat Agrifert &Reality Pvt. Ltd.
Other Hazardous Waste	1236.12	MT/A	Evans India
Other Hazardous Waste	1102.39	MT/A	Meera Chemical Industries
Other Hazardous Waste	361.89	MT/A	Encorp Power Trans Pvt. Ltd.
Other Hazardous Waste	1141.53	MT/A	Viraj Profiles Ltd
Other Hazardous Waste	526.15	MT/A	Amarnath Enterprises
Other Hazardous Waste	88.81	MT/A	SV Acid & Chemical Co.
Other Hazardous Waste	11.11	MT/A	Artha Enterprisesr
28.6 Spent organic solvents	15.262	MT/A	Maakrupa Distributers

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
E.T.P. Operation cost ,Cost of Consumables ,Cost of Analysis of ,Effluent Sample ,Electrical Energy, Environment audit Statement ,Water Supply ,Water Cess Returns, House Keeping, Scrubber maintainace	0	0	0	0	125	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
At present, the existing environmental protection system are considered to be adequate. For treatment of waste	Modification of ETP and installation of SCADA System and NRV and auto sampler	30

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Company has planted few number of trees around the factory, within company’s own land premises. The hazardous waste generated is being sent to CHWTSD Facility for disposal . - The Soak Pit & Septic Tank is provided for the treatment of Domestic effluent. - Noise level survey, cess returns & house keeping are done regularly. Environment and safety aspects is of prime importance and is incorporated at the Design and energy aspects of operations

Name & Designation

MR UDAY PATIL

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000056104

Submitted On:

16-08-2023

## ANNEXURE-XV

### Solvent Recovery data :-

Sr. No.	Name of the solvent	Solvent recovery
1	Xylene	95%
2	Toluene	96%

### Following precautions were taken to minimize Solvent losses & to get Maximum Solvent Recovery

- 1) Venting all Solvent storage Tanks through Chilled Condenser for vapour recovery.
- 2) All day tank & Receivers overflow lines are connected to main storage tank to avoid the losses due to overflow / Spillages.
- 3) Use of closed feed system into Batch Reactors.
- 4) In Extraction process, for separation of organic & aqueous layer we have installed solvent trap in aqueous layer drainage line so that no solvent traces goes with Aqueous layer.
- 5) All solvent distillation set-ups are equipped with Main Condenser having cooling Water / Chilled water circulation, Vent Condenser having Chilled Water / Brine circulation & Sub-cooler with Brine circulation in collection line. Collection Receivers are Jacketed by insulation & Circulation of Chilled water / Brine.
- 6) Use of automatic filling equipments to minimize spillage.
- 7) Use of closed centrifuge to avoid vent losses.
- 8) Use of Dry Screw Vacuum pump for Vacuum distillation and condenser is connected to vent line of vacuum pump to recover solvent vapours.
- 9) Use of Spin Band Distillation Machine [ New Distillation Technique ] to get fast equilibrium & minimum reflux ratio. It reduced the solvent recovery time cycle & ultimately reduced the Solvent vapour losses.
- 10) Regular Preventive maintenance of condensers, i.e. Tube Cleaning etc. to get desired efficiency of condensers.
- 11) In Filtration using replacement washing, wash with water to collect maximum solvent from the Cake.
- 12) Normal filter Press is replaced with Membrane type filter press to avoid the Solvent vaporous with Air / Nitrogen Pressure.
- 13) All Dryers [ ANFD, Venulath Dryer , RVD ] are connected with condensers through vapour line to recover solvent vapors.
- 14) Use of ATFD to recover solvent from solids [ minimum solvent].
- 15) Use of Water stripping to distill out all solvent from Reaction Mass.
- 16) Skilled workers are appointed to unloading tankers & filling day tanks.
- 17) Use of high pressure hoses / spray nozzles for cake washing, Equipment Cleaning to minimize required solvent Quantity.