Aarti Drugs Limited
Manufacturers of : Bulk Drugs & Chemicals

Factory : Plot No. T-150
M.I.D.C., Tarapur, Boisar,
Tal. Palghar, Dist. Palghar Pin-401 506.
State - Maharashtra, INDIA
Web. : www.aartidrugs.com
Mob. : 9172225037

27 June 2024

To,

Sub-Regional Officer,

MIDC Office Building, Boisar Station,

Post Taps, Tarapur, Dist Palghar.

Ref.: Environmental Clearance letter no. SEAC–2014/CR-392/TC-2 dated 28th January 2016, granted by SEIAA, Govt. Of Maharashtra.

Sub: Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed manufacturing of organic chemicals & salts of 3600 MT/Month at Plot no. T-150, 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 manufacturing of organic chemicals & salts at Plot No. T-150, 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,

AARTI DRUGS LTD. T-150, MIDC, Tarapur

Authorized Signatory

Copy to :

1. Regional officer, MPCB, Thane.

CORPORATE OFFICE : MAHENDRA INDUSTRIAL ESTATE, GROUND FLOOR, PLOT NO.109-D, ROAD NO. 29, SION (E), MUMBAI - 400 022., MAHARASHTRA, INDIA. TEL. : 2407 2249 / 24072449 / 24072437 / 2401 9025
Fax : +91-22-2407 3462 / 2407 0144 Email : admin@aartidrugs.com • Website : www.aartidrugs.com
REGD. OFFICE : PLOT NO. N-198, M.I.D.C., TARAPUR, TAL. PALGHAR, DIST. PALGHAR, PIN - 401 506,
Tel.: 02525-270259 / 271699 / 9970052098 Fax : (912525) 273368

Aarti Drugs Limited
Manufacturers of : Bulk Drugs & Chemicals

Factory : Plot No. T-150
M.I.D.C., Tarapur, Boisar,
Tal. Palghar, Dist. Palghar Pin-401 506.
State - Maharashtra, INDIA
Web. : www.aartidrugs.com
Mob. : 9172225037

27 June 2024

To,

Sh. Prasoon Gargava (Scientist 'E' & Incharge)
Central Pollution Control Board,
Opp. VMC Ward office No.10, Subhanpura,
Vadodara, Gujrat – 390 023.

Ref. : Environmental Clearance letter no. SEAC–2014/CR-392/TC-2 dated 28th January 2016, granted by SEIAA, Govt. Of Maharashtra.

Sub : Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed manufacturing of organic chemicals & salts of 3600 MT/Month at Plot no. T-150, 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, for proposed manufacturing of organic chemicals & salts** at Plot No. T-150, 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,

AARTI DRUGS LTD. T-150, MIDC Tarapur

Authorized Signatory

CORPORATE OFFICE : MAHENDRA INDUSTRIAL ESTATE, GROUND FLOOR, PLOT NO.109-D, ROAD NO. 29, SION (E), MUMBAI - 400 022., MAHARASHTRA, INDIA. TEL. : 2407 2249 / 24072449 / 24072437 / 2401 9025
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State - Maharashtra, INDIA
Web. : www.aartidrugs.com
Mob. : 9172225037

27 June 2024

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

Subject :- Submission of Consolidated EC compliance report for Aarti Drugs Ltd., for proposed manufacturing of organic chemicals & salts of 3600 MT/Month at Plot No. T-150, MIDC Tarapur, Palghar (Consolidated Six monthly compliance report for duration of January 2024 – June 2024)

Ref :- Environmental Clearance letter no. SEAC–2014/CR-392/TC-2 dated 28th January 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 28th January, 2016 for proposed manufacturing of organic chemicals & salts.

Herewith we are submitting the one consolidated six monthly compliance report for duration of January 2024 – 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 the project :

1) We have published the advertisement of the obtained Environmental Clearance in the newspapers. Pudhari (Marathi) dated 22/02/2016. We have enclosed the copy of the same.

2) Consent to Operate was obtained on 06/12/2022. 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	This environmental clearance is issued subject to implementation of online air monitoring facility equipment.	We have installed an online air monitoring facility OCEMS System and connected to MPCB server. Photographs and relevant documents are attached for your reference **(Annexure I).**
Iii	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.
Iv	Regular monitoring of the air quality, including SPM & SO_2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	Ambient Air monitoring was done regularly at our manufacturing unit. An ambient air monitoring reports are attached for your reference. **(Annexure II).**
v	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	We are using coal or briquette. Proper arrangement is made for fuel storage area.
vi	Proper Housekeeping programmes shall be implemented.	Proper Housekeeping programmes were implemented.
vii	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.	Yes, agreed & noted.
viii	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.
ix	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge	Rain water harvesting system implemented at project site & tank of

	ground water.	300 m^3 is installed. Collected water is using for utility consumption. Photographs are attached for your reference. **(Annexure III).**
x	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. Storm water layout is attached for your reference. **(Annexure IV).**
xi	Periodic monitoring of ground water shall the 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.
xii	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.	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 report are attached for your reference. **(Annexure V).**
xiii	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. **(Annexure V).**
xiv	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 1127 Sq.m area. Total 150 trees planted and green belt developed in plant. Photographs for the same attached for your reference. **(Annexure VI).**
xv	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. **(Annexure VII).**
xvi	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 attached for your reference. **(Annexure VIII).**
xvii	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. Fire hydrant details, fire extinguisher details and photographs are attached for your reference. **(Annexure IX).**
xviii	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 hazardous wastes.	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. CHWTSDF Membership certificate & Form IV is attached for your reference. **(Annexure X)**
xix	The company shall undertake following Waste Minimization Measures : a) Metering of quantities of active ingredients to minimize waste. b) Reuse of by – products from the process as raw materials or as raw material substitutes in other process. c) Maximizing Recoveries. d) Use of automated material transfer system to minimize spillage. e) Use of "Closed Feed" system into batch reactors.	Followed as per the requirement: (a) All raw materials are metered and controlled for its quantities to minimize waste. (b) There were no by-products are generating from process. (c) Recovered solvents are reused in processes.**(Annexure XI).** (d) Pumps are used to transfer liquids in closed pipelines. (e) Closed hoppers are provided for solid material charging in reactors.
xx	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. Mock drill report is attached for your reference. **(Annexure XII).**
xxi	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. Environment management cell diagram is attached for your reference. **(Annexure XIII)**

xxii	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.
xxiii	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.
xxiv	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.
xxv	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://envis/maharashtra.gov.in.	The advertisement of the obtained Environmental clearance was published in the newspaper, Pudhari dated 22/02/2016. **(Annexure XIV)**
xxvi	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 1st June & 1st December of each calendar year.	Noted & being done.
xxvii	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.
xxviii	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their	Noted & being done. Stack monitoring reports are attached for your reference. **(Annexure XV).**

	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, SO2 NOx (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.	
xxix	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.	Noted & being done.
xxx	The environmental statement for each financial year ending 31st 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) record is attached for your reference. **(Annexure XVI)**

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC- 2014/CR-392/TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 28 January, 2016.

To,
M/s. Aarti Drugs ltd
Mahendra Indl. Estate,
Ground Floor, Plot No. 109-D,
Road NO. 27, Sion (E),
Mumbai 400022

Subject: Environment clearance for proposed manufacturing of Organic Chemicals and salts of 3600 MT/Month at plot no T-150, MIDC Tarapur, Palghar by M/s. Aarti Drugs ltd

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 106th 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 90th 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:

1	Name of project	Aarti Drugs Ltd. Plot No. T-150, M.I.D.C. Tarapur, Dist.- Thane
2	Project Proponent	Mr. Uday Patil Aarti Drugs Ltd. Plot No. T-150, M.I.D.C. Tarapur, Dist.-- Thane
3	Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
4	Accreditation of consultant (NABET Accreditation)	S. No. 70 in QCI NABET List of 168, dated December 5, 2014 for the proposed project category (5f) of the MoEF EIA notification Schedule
5	New project/expansion in existing project/modernization/diversification in existing project	New project

6	If expansion/diversification, whether environmental clearance has been obtained for existing project *(If yes enclose a copy with compliance table)*	NA
7	Activity schedule in the EIA Notification	5(f) B-1
8	Area Details	• Total plot area – 15600 m^2 • Proposed Built up area – 8167 m^2
9.	Name of the Notified Industrial Area/ MIDC area	Tarapur Industrial Estate
10.	TOR given by SEAC? (If yes then specify the meeting)	Yes
11.	Estimated capital cost of the project (Including cost for land, building, plant and machinery separately)	7270 Lakhs
12.	Location details of the project:	➢ Latitude : 19.800° N ➢ Longitude : 72.720° E ➢ 6.6 m above MSL
13.	Distance from protected areas/ critically polluted areas/ Eco Sensitive area/ inter- sate boundaries	No such area in the vicinity.
14.	Raw materials (including process chemicals, catalysts & additives)	Refer Prefeasibility Report
15	Production Details	Refer Table Below:

Sr. No.	Product Name	Production Capacity MT/Month

	1	Poly Allyl Amine HCl	400	
	2	Cyclopropyl Amine	400	
	3	Salt Recovery Plant	2700	
	4	Hydrogenation Products	100	
		Total	3600	

16.	Process details / manufacturing details	Please refer prefeasibility report
17	Rain water Harvesting (RWH)	Roof rain water harvesting proposed at site
18.	Total Water Requirement	Refer Table Below:

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
Domestic	3.5	0.5	3
Industrial Processing	90	14	76
Cooling Tower	350	330	20
Boiler	15	13.5	1.5
Gardening	15	15	-
Total	473.5	373	100.5

19.	Storm water drainage	• Natural water drainage pattern : Proper and separate storm water drains available, as per natural slope
20.	Sewage generation and treatment	• Amt. of sewage generation (CMD): 3 • Proposed treatment for the sewage: Treatment in combined ETP
21.	Effluent Characteristics	

Sr. No.	Parameters	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	5-9	7.0 - 8.0	6.5 To 9.0

2	TSS	260 mg/lit	60-80 mg/lit	<100 mg/lit
3	BOD	4100 mg/lit	40-60 mg/lit	<100 mg/lit
4	COD	7020 mg/lit	200-220 mg/lit	<250 mg/lit
5	O & G	30-50 mg/lit	6-8 mg/lit	<10 mg/lit

22.	ETP details	• Amount of effluent generation (CMD): 100.5 CMD including 3 CMD from domestic • Capacity of the ETP: 120 CMD • Amount of treated effluent recycled : -- • Amount of water send to the CETP: 100.5 CMD • Membership of CETP (*if require*): Application under Process
23.	Note on ETP technology to be used	Primary, Secondary, Tertiary Treatment
24.	Disposal of The ETP sludge	ETP Sludge shall be disposed through Common Hazardous Waste treatment storage disposal facility, at MWML, Taloja. CHWSTDF membership is in process.
25.	Solid Waste Management	Refer Table Below:

Non-Hazardous Waste:

Sr No	Description	Total	Method of Disposal
1	Ash from Boiler	Coal:11765 Kg/Day Or Briquette:2040 Kg/Day	Sale to Brick Manufacture / as fertilizer

Hazardous Waste:

Sr. No.	Description	Cat	Total	Method of Disposal
1	ETP Sludge	34.3	1000 kg/M	MWML
2	Empty Drums	33.3	1000 Nos/M	Sale to authorised party
3	Spent Oil	34.4	150 Kg/M	MWML
4	Distillation Residue	20.3	3775 Kg/M	Sale to authorised party / MWML
5.	Spent Carbon (From ETP)	28.2	1000 kg/M	MWML

26.	Atmospheric Emissions (Flue gas characteristics SPM, SO_2, NO_X	Sr. No.	Pollutant	Source of Emission	Emission rate
		1.	SPM	Process /Boiler/ D.G. Set	<150 mg/nm^3

	, CO etc.)	2.	SO_2	Boiler/ D.G. Set	<67 kg/ hr.
		3.	NO_X	Boiler/ D.G. Set	<50 ppm
		4.	Ammonia	Process	<35 mg/nm^3
		5.	HCl	Scrubber	<50 ppm

27. Stacks emission Details

Plant section & units	Fuel Used	Stack No.	Height from ground level (m)	Internal diameter (Top)(m)	Emission Rate	Temp. of Exhaust Gases
Boiler (10TPH)	Briquette - 1700 kg/h or Coal - 1270 kg/h	1	48m	1200 mm	28333 m^3/h	180^{0}C
DG Set (1200 KVA)	1	HSD 300 lit/h	7 m above enclosure	150 mm	--	Max 200 °c
HCL Scrubber	-	1	30 m	600 mm	2000 CFM	RT

28. Emission Standard — Refer Table below:

Pollutants	Emission standard limit Proposed Limit	MPCB Standards
SPM/ TPM	<150 mg/nm^3	<150 mg/nm^3
SO_2	<67 kg/ hr.	<67 kg/ hr.
Ammonia	<50 ppm	<50 ppm
HCl	<35 mg/nm^3	<35 mg/nm^3
NO_X	<50 ppm	<50 ppm

29. Ambient Air quality data

Pollutant	Permissible Standard (24 H)	Proposed Concentration	Remarks
SPM	100 µg/m^3	< 100 µg/m^3	Shall be

<table>
<tr><td></td><td></td><td>(PM_{10})</td><td></td><td></td><td>within limit</td></tr>
<tr><td></td><td></td><td>RPM ($PM_{2.5}$)</td><td>60 µg/m^3</td><td>< 60 µg/m^3</td><td>Shall be within limit</td></tr>
<tr><td></td><td></td><td>SO_2</td><td>80 µg/m^3</td><td>< 80 µg/m^3</td><td>Shall be within limit</td></tr>
<tr><td></td><td></td><td>NOx</td><td>80 µg/m^3</td><td>< 80 µg/m^3</td><td>Shall be within limit</td></tr>
<tr><td></td><td></td><td>CO</td><td>2 µg/m^3 (8 H)</td><td>< 2 µg/m^3</td><td>Shall be within limit</td></tr>
<tr><td>30.</td><td>Details of Fuel to be used:</td><td colspan="4"><table>
<tr><th colspan="2">Sr. No.</th><th>Fuel</th><th>Consumption</th><th>% Ash</th><th>% Sulphur</th></tr>
<tr><td rowspan="2">1</td><td rowspan="2">Or</td><td>Briquette</td><td>1700 kg/h</td><td>5</td><td>NIL</td></tr>
<tr><td>Coal</td><td>1270 kg/h</td><td>38.6</td><td>0.5</td></tr>
<tr><td>2</td><td></td><td>HSD</td><td>336 Lit/h</td><td>0.01</td><td>1</td></tr>
</table></td></tr>
<tr><td>31.</td><td>Energy</td><td colspan="4">Power Supply :
• Power requirement : 2500 KVA
DG sets:
• Number and capacity DG sets to be used: 1 set of 1500 KVA</td></tr>
<tr><td>32.</td><td>Green Belt Development</td><td colspan="4">• Adequate Green belt is developed and maintained on a separate plot in the vicinity.
In addition 31% of open area is dedicated for green belt development
• Green belt area: 1127 m^2
• Number of species of trees & shrubs to be planted: 150
• Number, size, age and species of trees to be cut, trees to be transplanted : 5 Nos.</td></tr>
<tr><td>33.</td><td>Details of pollution control Systems:</td><td colspan="4"><table>
<tr><th>Sr. No.</th><th>Source</th><th>Existing pollution control system</th><th>Proposed to be installed</th></tr>
<tr><td>1</td><td>Air</td><td>Not Applicable as project is totally new.</td><td>By dispersal into atmosphere through chimney of adequate/ recommended height. APC equipment will be provided for process and fugitive</td></tr>
</table></td></tr>
</table>

						emissions. Solvent recovery system will be installed wherever possible and practical.
			2	Water		A Combined ETP will be installed to treat 100.5 CMD of waste water which includes 97.5 CMD effluents from industry and 3 CMD Domestic effluents. The capacity of the ETP will be 120 CMD and it will treat effluent through primary, secondary and tertiary level. Treated effluent will be discharge to CETP.
			3	Noise		Acoustic enclosure for proposed D.G & PPE
			4	Solid Waste		Hazardous waste will be disposed to MWML CHWTSDF.

34.	Environmental Management plan Budgetary Allocation	• Capital cost: 7270 Lakhs • O&M cost (with break up):

Sr. No.		Recurring Cost per Annum	Capital Cost
1	Air Pollution Control	2 Lakhs	20 Lakhs
2	Water Pollution Control	5 Lakhs	100 Lakhs
3	Noise Pollution Control	0.5 Lakh	5 Lakhs
4	Environment Monitoring and Management	5 Lakh	10 Lakhs
5	Occupational Health	0.5 Lakhs	18 Lakhs
6	Green Belt	1 Lakh	10 Lakhs

			7	Solid waste management	10 Lakhs	--
			8	CSR	145 Lakhs in Next five Years	
35	EIA submitted (*If yes then submit the salient features*)	EIA is submitted Proposed project is environmentally sound proposal with in built control and mitigation measures not likely to have any significant adverse impact on the environment				
36	Public hearing report (*If public hearing conducted then submit the salient features*)	Not Applicable. Proposed project is in Notified Industrial area				
37	Air pollution, water pollution issues in the project area, if any	No. CETP for the entire effluent from MIDC area already exists. All industries are being regulated & monitored by MPCB in this MIDC area with developed infrastructure				

38. Storage of chemicals (inflammable/ explosive/hazardous/toxic substances)

Underground Storage tank

Sr. No.	Use for Solvent	Consumption (TPD)	Maximum Storage	Source of Supply	Means of Transportation
1	Methanol	10	20 KL	Out Source	By Road
2	MDC	8.5	20 KL	Out Source	By Road

3. The proposal has been considered by SEIAA in its 90th 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) This environmental clearance is issued subject to implementation of online air monitoring facility equipment.

(iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.

(iv) Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.

(v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.

(vi) Proper Housekeeping programmers shall be implemented.

(vii) 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.

(viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)

(ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.

(x) Arrangement shall be made that effluent and storm water does not get mixed.

(xi) 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.

(xii) 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.

(xiii) 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.

(xiv) 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.

(xv) 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.

(xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.

(xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.

(xviii) 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.

(xix) 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.

(xx) 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.

(xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.

(xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.

(xxiv) 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

(xxv) 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

(xxvi) 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 1st June & 1st December of each calendar year.

(xxvii) 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.

(xxviii)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_2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

(xxix) 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.

(xxx) The environmental statement for each financial year ending 31st 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 29th April, 2015 to start of production operations.

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, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Malini Shankar)
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, Palghar
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 28|01|2016)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

RED/L.S.I (R58)
No:- Format1.0/CC/UAN
No.0000142425/CR/2212000361

Date: 06/12/2022

To,
M/s. AARTI DRUGS LTD.,
PLOT NO. T-150, M.I.D.C, TARAPUR
TAL. & DIST.- PALGHAR

Your Service is Our Duty

Sub: Grant of Renewal of Consent to Operate under Red/LSI category.

Ref:
1. Consent to Operate obatined under change in product mix vide consent no. Format 1.0/CC/UAN No. 0000127666/CR/2205000265, Date. 05.05.2022 valid upto 31.08.2022.
2. Minutes of 23rd Consent Committee meeting dtd. 26.11.2022.

Your application No.MPCB-CONSENT-0000142425 Dated 28.06.2022

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 31/08/2027**
2. **The capital investment of the project is Rs.72.7 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 72.7 Crs + Expansion/Increase in C.I. – Rs. 0.00 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	CYCLOPROPYL AMINE	100	0	100	MT/M
	[OR] PARA TOLUENE SULPHONYL CHLORIDE	400		400	MT/M
	[OR] SALYCYLIC ACID	50		50	MT/M
2	SALT RECOVERY	1623	0	1623	MT/M
3	SODIUM BENZENE SULPHINATE	150	0	150	MT/M
4	CIS BROMO BENZOATE	80	0	80	MT/M
5	BENZENE SULPHONIC ACID	50	0	50	MT/M
6	INTERMEDIATES OF ITRACONAZOLE-I	12.11	0	12.11	MT/M
	INTERMEDIATES OF ITRACONAZOLE-II	9.29		9.29	MT/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
7	PARA TOLUENE SULPHONIC ACID SODIUM SALT	100	0	100	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	92.6	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	3	As per Schedule-I	On land for gardening

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 (10 TPH)	1	As per Schedule -II
2	S-2	D.G. Set (1250 KVA)	1	As per Schedule -II
3	S-3	Process reactor (Cis Bromo Benzoate)	1	As per Schedule -II
4	S-4	Process reactor (Benzene Sulphonic Acid / Para Toluene Sulphonyl Chloride)	1	As per Schedule -II
5	S-5	Process reactor (Cyclo Propyl Amine)	1	As per Schedule -II
6	S-6	Process reactor (Para Toluene Sulphonyl Chloride Or Cyclo Propyl Amine)	1	As per Schedule -II
7	S-7	Solvent Recovery System	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	11765	Kg/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	28.1 Process Residue and wastes	3758.28	Kg/M	Preprocessing/Co-processing /Incineration	Co-processor through Authorized Preprocessor/ /CHWTSDF
2	28.1 Process Residue and Waste Glycerin (Generating from Cis Bromo Benzoate)	5.45	MT/M	Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
3	28.1 Process Residue and Waste HBr Solution (Generating from Cis Bromo Benzoate)	215.99	MT/M	Recycle*	Sale to authorised party / CHWTSDF
4	28.1 Process Residue and Waste (Methylene Di Chloride Generatibg from Cis Bromo Benzoate)	7.78	MT/M	Recycle*	Sale to authorised party / CHWTSDF
5	28.1 Process Residue and Waste (Butanol (Generating from Cis Bromo Benzoate)	0.95	MT/M	Recycle*	Sale to authorised party / CHWTSDF
6	28.1 Process Residue and Waste (HCl 30% Generating from Benzene Sulphonic Acid)	42.93	MT/M	Recycle*	Sale to authorised party / CHWTSDF
7	28.1 Process Residue and Waste Methanol solution (Generating from Cyclopropyl Amine)	315.6	MT/M	Recycle*	Sale to authorised party / CHWTSDF
8	28.1 Process Residue and Waste Sodium Hypochlorite Solution (Generating from Cyclopropyl Amine)	77.4	MT/M	Recycle*	Sale to authorised party / CHWTSDF
9	28.1 Process Residue and Waste 25% NH3 (Generating from Cyclopropyl Amine)	272.8	MT/M	Recycle*	Sale to authorised party / CHWTSDF
10	28.1 Process Residue and Waste (HCl 30%) (Generating from Para Toulene Sulphonyl Chloride)	105.1	MT/M	Recycle*	Sale to authorised party / CHWTSDF
11	28.1 Process Residue and Waste (Sulphonated Oil) (Generating from Para Toulene Sulphonyl Chloride)	58	MT/M	Recycle*	Sale to authorised party / CHWTSDF
12	28.1 Process Residue and Waste (Spent H2SO4) (Generating from Para Toulene Sulphonyl Chloride)	441.6	MT/M	Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
13	28.3 Spent carbon	1314.53	Kg/M	Preprocessing/Co-processing /Incineration	Co-processor through Authorized Preprocessor/ /CHWTSDF
14	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1000	No/M	Recycle*	Sale to authorised party / CHWTSDF
15	35.3 Chemical sludge from waste water treatment	1	MT/M	Landfill after treatment	CHWTSDF
16	35.4 Oil and grease skimming	150	Kg/M	Preprocessing/Co-processing /Incineration	Co-processor through Authorized Preprocessor/ /CHWTSDF
17	37.3 Concentration or evaporation residues	15	MT/M	Preprocessing/Co-processing /Incineration	Co-processor through Authorized Preprocessor/ /CHWTSDF
18	28.1 Sodium Sulphate Salt (Existing Generating from Sodium Benzene Sulphinate & from Proposed Para Toulene Sulphonic Acid Sodium Salt)	203.1	MT/M	Recycle*	Sale to authorised party / CHWTSDF

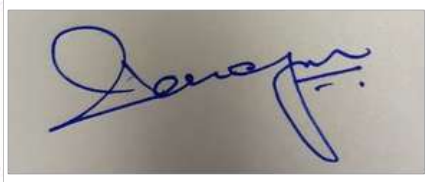
Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
19	28.1 - Na2SO4 (Sodium Sulphate salt) (Generating From Salicylic Acid)	33.6	MT/M	Recycle*	Sale to authorised party / CHWTSDF
20	28.1 Mixture of CBB & TBB (Generating from Cis Bromo Benzoate)	90	MT/M	Recycle*	Sale to authorised party / CHWTSDF

*** 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.**

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
11. 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.
12. 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 through online manifest system.
13. Industry shall ensure connectivity of continuous online Monitoring System i.e. IP Camera and flow meter installed to ensure the Zero Liquid Discharge with data logger and data to be directly transmitted from data logger to the MPCB server.
14. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2014/Cr-392/TC-2, Dtd. 28.01.2016.
15. The industry shall dispose the by-products as Hazardous waste and shall comply the provisions of Hazardous & Other Wastes (M & TM) Rules,2016.
16. This Consent is issued without prejudice to the order passed as may be passed by the Hon’ble NGT, in the matter O.A. No. 1038/2018.
17. The previous consent was issued pursuant to the Minutes of the 4th Technical Committee meeting under change in product-mix held on 19.02.2022 & 22.02.2022. The previous Consent was issued based on self-assessment of Pollution Load submitted by you in Board’s prescribed format and Certificate of “No Increase in pollution load” issued by Goldfinch Engineering Systems Pvt. Ltd., vide letter dtd. 08.12.2021. If any violation and / or submission of misleading information are noticed, then the consent issued under MoEF & CC Product Mix Circular dtd. 14.12.2006 will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance.
18. This consent is issued pursuant to 23rd Consent committee meeting dtd. 26.11.2022.

19. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

. This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



Signed by: Dr. J.B.Sangewar
Assistant Secretary (Technical)
For and on behalf of,
Maharashtra Pollution Control Board
ast@mpcb.gov.in
2022-12-06 16:19:57 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	TXN2206003340	30/06/2022	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] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:

i) Strong COD/TDS stream of 39.1 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank) ., Stripper followed by Multi effect evaporator (3 stage) with design capacity of 360 CMD. The MEE condensate is treated in weak stream ETP.

ii) Weak COD/TDS stream of 53.5 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, RO reject shall be send to MEE) with design capacity of 120 CMD.

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 high COD effluent generated from sister concern units located at a)Plot No. N- 198, 199 & N-229 -(72.2 CMD), b) Plot No. E-9/3 & 4 (7.23 CMD), C) Plot No. W-60 (B), 61 (B), 62 (B), 71 (B), 72 (B), 73 (B) - (0.66 CMD), d) Plot No. G-60 - (132.1 CMD) and e) Plot No. E-1,21 & 22 - (39.1 CMD) shall be treated in the Multi Effect Evaporator provided at M/s. Aarti Drugs Ltd., Plot No. T -150, MIDC Tarapur and it is joint & several responsibility of all the units, if fails to achieve the emission discharge standard prescribed in the consent, above mentioned units should stop the manufacturing activity. In case of non- compliance, all units will be jointly & severally liable for the any legal action.

D] Industry shall ensure connectivity of continuous online Monitoring System i.e. IP Camera and flow meter installed to ensure the Zero Liquid Discharge with data logger and data to be directly transmitted from data logger to the MPCB server.

2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 3 CMD of sewage.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27^{o}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 there of & 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	365.00
2.	Domestic purpose	3.50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	87.30
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	15.00

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	Multi Cyclone Scrubber	48.00	Briquette 1700 Kg/Hr	0.06	TPM	50 Mg/Nm^3
						SO2	204 Kg/Day
				(OR) Coal 1700 Kg/Hr	0.5	TPM	50 Mg/Nm^3
						SO2	408 Kg/Day
S-2	D.G. Set (1250 KVA)	Acoustic Enclosure Stack	7.00	HSD 300 Ltr/Hr	1	TPM	50 Mg/Nm^3
						SO2	48 Kg/Day
S-3	Process reactor (Cis Bromo Benzoate)	Scrubber	30.00	- 0 --NA--	-	HCL	30 Mg/Nm^3
						Acid Mist	35 Mg/Nm^3
						HBr	3 Mg/Nm^3
						Benzene	5 Mg/Nm^3
S-4	Process reactor (Benzene Sulphonic Acid / Para Toluene Sulphonyl Chloride)	Scrubber	30.00	- 0 --NA--	-	HCL	30 Mg/Nm^3
						NH3	30 Mg/Nm^3
						SO2 (process)	50 PPM
S-5	Process reactor (Cyclo Propyl Amine)	Scrubber	30.00	- 0 --NA--	-	Chlorine	5 Mg/Nm^3
						HCL	30 Mg/Nm^3
S-6	Process reactor (Para Toluene Sulphonyl Chloride)	Scrubber	30.00	- 0 --NA--	-	Acid Mist	35 Mg/Nm^3
						HCL	30 Mg/Nm^3
S-7	Solvent Recovery System	Chiller to condensor and scrubber	30.00	- 0 --NA--	-	Acid Mist	35 Mg/Nm^3

(D.G Set stack height shall be above roof of the building)

2. 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.

3. 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

4. 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.
5. 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).
6. Solvent Management shall be carried out as follows:
   a. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
   b. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
   c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
   d. Solvents shall be stored in a separate space specified with all safety measures.
   e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
   f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
   g. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.
   h. Fugitive emissions shall be controlled at 99.95% with effective chillers.
   i. Solvent transfer shall be through pump.
   j. Metering and control of quantities of active ingredients to minimize wastes.
   k. Use of automatic filling to minimize spillage.
   l. Use of close feed system into batch reactors.
   m. Venting equipment through vapour recovery system.

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 O	Rs. 5.0 Lakh	Existing to be extended	Towards Operation and Maintanance of Pollution Control Systems and complaince of consent conditions	31.08.2027	28.02.2028

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

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 sitting 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 industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
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 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. 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.

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. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
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. Industry 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).
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. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
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 industry should comply with the Hazardous and Other Wastes (M & TM) 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 April to March in Form-IV by 30th June of every year.
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 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.
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.

This certificate is digitally & electronically signed.

Annexure I

BHOOMI®

CALIBRATION CERTIFICATE

Certificate No: BA/SO/24-25/061
Certificate Issued Date: 04/04/24

Product Type : C.E.M.S.

Make : Bhoomi

Model : BI 7000

Serial No. : 50001507

Customer : M/s. Aarti Drugs Ltd. (T 150)

Bhoomi analyzer certifies that the above listed instrument was calibrated on site

Our calibration system complies with the requirements of ISO 17025:2005 standard and traceable to the International System of Units.

Sr. No.	Gas Type	Certified Gas Concentration	Electronics Reading
1	SO2	176 PPM	176 PPM
2	NO	122 PPM	122 PPM

Ref No: SO2-CSL-80274 Dt. 02/05/24
NO-CSL-80198 Dt. 05/05/24

Calibrated Date: 04 April, 2024

Calibration Due Date: 03 April, 2025

By:-

M/s. Bhoomi Analyzers * ISO 9001:2008 Certified Co.

Mrs. Madhuri Wakh

Bhoomi Analyzers

Correspondence Address :
409, 4th Floor, Avior, Nirmal Galaxy,
Mulund (W) Mumbai - 400080

Works Address :
Unit No. 201, 207, 208, G Wing, Udyog Bhavan No.: 2,
Plot No.: K-3, Add. Ambernath Ind. Area, Nr. Anand Nagar,
MIDC, Ambernath (E), Thane-421506 Maharashtra

Contact :
: +91-22-25916858 / 6916
: sales@bhoomiltd.com
: www.bhoomiltd.com

EUROFINE ENVIRO LAB PVT. LTD.

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

TEST REPORT

Report No:	**EFEL/PRO/2024/03/316**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** **Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.**		
Sample Name	**Near MEE Plant**	**Sample Description**	**Ambient Air**
Date of Sampling	13/03/2024	**Sampling duration**	1440 Min
Start Date of Analysis	14/03/2024	**End Date of Analysis**	22/03/2024
Sampling Location	**Near MEE Plant**	**Sampling Procedure**	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	32^0C	**Wet bulb temperature**	$28\ ^0$C
Relative Humidity	41 %	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO_2)	25.9	$\mu g/m^3$	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO_2)	31.5	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	64.6	$\mu g/m^3$	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter $PM_{2.5}$	31.5	$\mu g/m^3$	≤ 60	
5	Carbon Monoxide (CO)	0.6	mg/m^3	≤ 04	
6	Ozone(O_3)	BDL	$\mu g/m^3$	≤ 180	
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	
8	Arsenic(As)	BDL	ng/m^3	≤ 06	
9	Nickel(Ni)	BDL	ng/m^3	≤ 20	
10	Ammonia(NH_3)	BDL	$\mu g/m^3$	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m^3	≤ 1.0	
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 (Part 11)

Remark- All above results are within National Ambient Air Quality standards.
BDL – Below Detectable Limit.

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/317**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.**		
Sample Name	**Near Main Gate**	**Sample Description**	**Ambient Air**
Date of Sampling	13/03/2024	**Sampling duration**	1440 Min
Start Date of Analysis	14/03/2024	**End Date of Analysis**	22/03/2024
Sampling Location	**Near Main Gate**	**Sampling Procedure**	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	32^0C	**Wet bulb temperature**	28^0C
Relative Humidity	41 %	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO_2)	24.6	µg/m^3	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO_2)	30.5	µg/m^3	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	64.3	µg/m^3	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter $PM_{2.5}$	35.2	µg/m^3	≤ 60	
5	Carbon Monoxide (CO)	0.6	mg/m^3	≤ 04	
6	Ozone(O_3)	BDL	µg/m^3	≤ 180	
7	Lead (Pb)	BDL	µg/m^3	≤ 01	
8	Arsenic(As)	BDL	ng/m^3	≤ 06	
9	Nickel(Ni)	BDL	ng/m^3	≤ 20	
10	Ammonia(NH_3)	BDL	µg/m^3	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m^3	≤ 1.0	
12	Benzene(C_6H_6)	BDL	µg/m^3	≤ 05	IS 5182 (Part 11)

Remark- All above results are within National Ambient Air Quality standards.
BDL – Below Detectable Limit.

Eurofine Enviro Lab

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Annexure III

AARTI DRUGS LTD.
PLOT NO.T-150

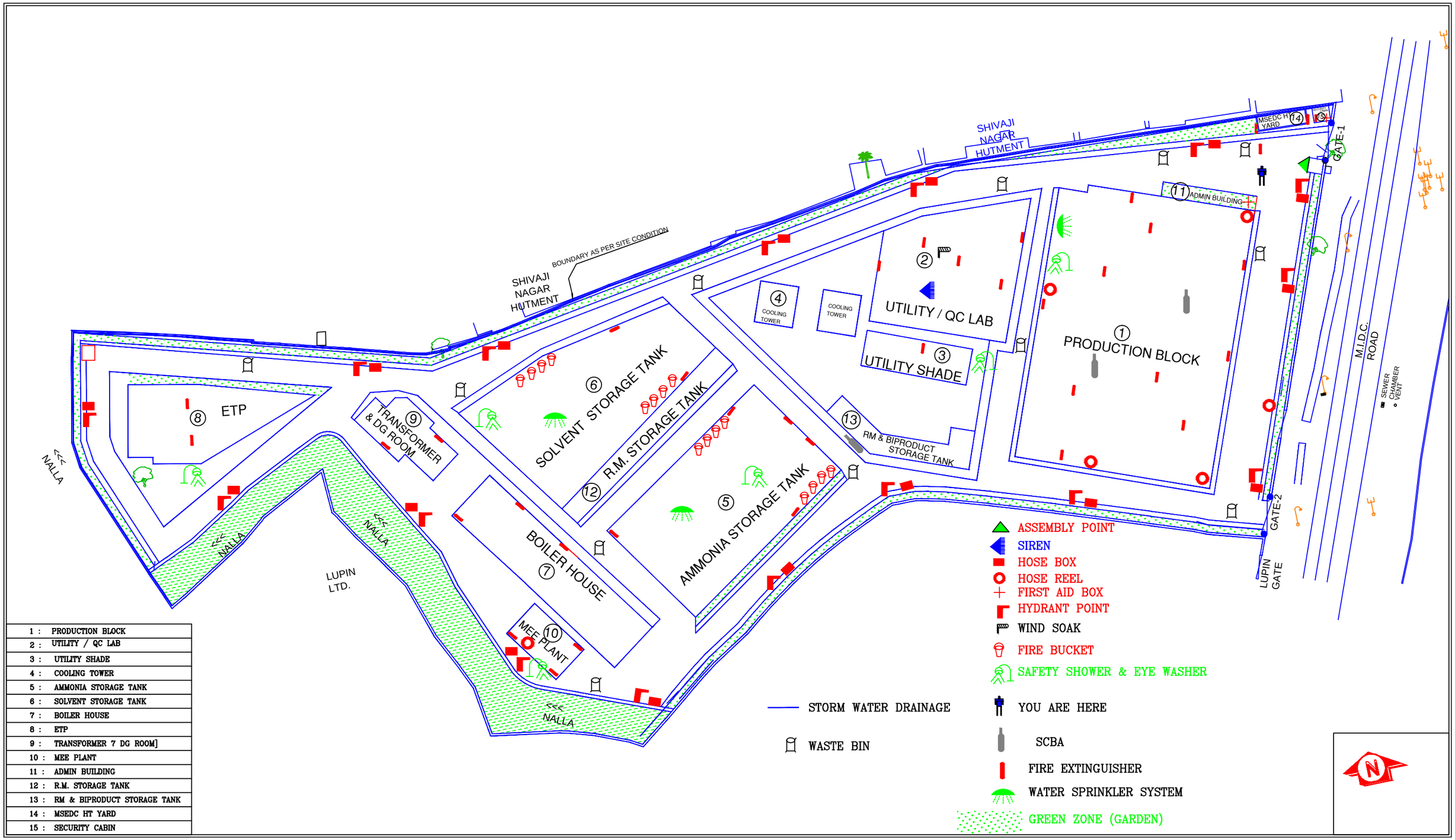
Photographs of Onsite rainwater scheme (Water Harvesting)

AARTI DRUGS LTD.
PLOT NO.T-150

ANNEXURE 3.1

Rain Water Harvesting Tank

Annexure IV



1 :	PRODUCTION BLOCK
2 :	UTILITY / QC LAB
3 :	UTILITY SHADE
4 :	COOLING TOWER
5 :	AMMONIA STORAGE TANK
6 :	SOLVENT STORAGE TANK
7 :	BOILER HOUSE
8 :	ETP
9 :	TRANSFORMER 7 DG ROOM]
10 :	MEE PLANT
11 :	ADMIN BUILDING
12 :	R.M. STORAGE TANK
13 :	RM & BIPRODUCT STORAGE TANK
14 :	MSEDC HT YARD
15 :	SECURITY CABIN

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TEST REPORT

Report No:	**EFEL/PRO/2024/03/324**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.		
Sample Name	**Noise**	**Sample Description**	**Ambient Noise**
Date of Sampling	13/03/2024	**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	70.6	65.4	75/70	CPCB Guideline
2.	Near DG Set	71.5	66.4		
3.	Near MEE Plant	66.4	61.3		
4.	Near Boiler House	63.4	57.4		
5.	Near Production Area	64.3	59.4		
6.	Near Utility Area	71.9	64.3		

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/451**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC TarapurBoisar.Tal. & Dist. Palghar.**		
Sample Name	**Work Zone Noise**	**Sample Description**	**Work Zone Noise**
Date of Sampling	**13/03/2024**	**Sampling duration**	**8 hrs**
Sampling Location	**Production Area Ground Floor**	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Timing	Result dB(A) Day	Unit	The Factories Act 1948, standards
1	10:00	70.6	dB(A)	≤90
2	11:00	74.6	dB(A)	
3	12:00	73.5	dB(A)	
4	13:00	71.5	dB(A)	
5	14:00	72.4	dB(A)	
6	15:00	73.6	dB(A)	
7	16:00	72.4	dB(A)	
8	17:00	70.6	dB(A)	

Remark-

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.
-

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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TEST REPORT

Report No:	**EFEL/PRO/2024/03/452**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC TarapurBoisar.Tal. & Dist. Palghar.**		
Sample Name	**Work Zone Noise**	**Sample Description**	**Work Zone Noise**
Date of Sampling	**13/03/2024**	**Sampling duration**	**8 hrs**
Sampling Location	**Production Area First Floor**	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Timing	Result dB(A) Day	Unit	The Factories Act 1948, standards
1	10:00	74.0	dB(A)	≤90
2	11:00	73.6	dB(A)	
3	12:00	74.3	dB(A)	
4	13:00	74.0	dB(A)	
5	14:00	74.9	dB(A)	
6	15:00	72.6	dB(A)	
7	16:00	70.5	dB(A)	
8	17:00	71.6	dB(A)	

Remark-

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.
-

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/453**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC TarapurBoisar.Tal. & Dist. Palghar.**		
Sample Name	**Work Zone Noise**	**Sample Description**	**Work Zone Noise**
Date of Sampling	**13/03/2024**	**Sampling duration**	**8 hrs**
Sampling Location	**Production Area Second Floor**	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Timing	Result dB(A) Day	Unit	The Factories Act 1948, standards
1	10:00	72.5	dB(A)	≤90
2	11:00	71.6	dB(A)	
3	12:00	70.5	dB(A)	
4	13:00	69.8	dB(A)	
5	14:00	71.3	dB(A)	
6	15:00	72.5	dB(A)	
7	16:00	70.5	dB(A)	
8	17:00	71.3	dB(A)	

Remark-

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.
-

Eurofine Enviro Lab PVT. LTD.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

EUROFINE ENVIRO LAB PVT. LTD.

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/454**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC TarapurBoisar.Tal. & Dist. Palghar.**		
Sample Name	**Work Zone Noise**	**Sample Description**	**Work Zone Noise**
Date of Sampling	**13/03/2024**	**Sampling duration**	**8 hrs**
Sampling Location	**Production Area Third Floor**	**Sampling done by**	M/s. ENVIRONMENT ANALYST & ENGINEER

Results

Sr. No.	Timing	Result dB(A) Day	Unit	The Factories Act 1948, standards
1	10:00	73.6	dB(A)	≤90
2	11:00	71.2	dB(A)	
3	12:00	70.5	dB(A)	
4	13:00	72.4	dB(A)	
5	14:00	72.6	dB(A)	
6	15:00	71.4	dB(A)	
7	16:00	70.3	dB(A)	
8	17:00	72.0	dB(A)	

Remark-

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.
-

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Annexure VI

AARTI DRUGS LTD.
PLOT NO.T-150,MIDC,TARAPUR.

Photographs of Green Belt and Storm Water Drainage

AARTI DRUGS LTD.

PLOT NO.T-150,MIDC,TARAPUR. **ANNEXURE 6.2**

AARTI DRUGS LTD.

PLOT NO.T-150,MIDC,TARAPUR. **ANNEXURE 6.2**

AARTI DRUGS LTD.

PLOT NO.T-150,MIDC,TARAPUR. **ANNEXURE 6.2**

Photographs of Storm Water Drainage

AARTI DRUGS LTD.

PLOT NO.T-150,MIDC,TARAPUR. **ANNEXURE 6.2**

AARTI DRUGS LTD.

PLOT NO.T-150,MIDC,TARAPUR. **ANNEXURE 6.2**

Storm Water Drainage System

SAFETY AUDIT

AS PER – IS 14489: 2018

Maharashtra Factories (Safety Audit) Rules, 2014

At

AARTI DRUGS LTD

PLOT NO. T – 150, MIDC, TARAPUR INDUSTRIAL AREA,
BOISAR, DIST.: PALGHAR, MAHARASHTRA,
PIN - 401 506.

JAN 2023

DISCLAIMER:

This report has been prepared by Safetech Engineering Services with all reasonable skill, care and diligence within the terms of Contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above. This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.

The audit report has been prepared on the basis of the information made available by the client and available resources. Further effectiveness of this audit is beyond control of maker of this audit subject to changes in the facilities available, changes in manufacturing process/products or any other criteria.

SCHEDULE II

(See rule 8 and 9)

Proforma For Safety Audit Report

1	Name and Address of the Factory	M/S. AARTI DRUGS LTD PLOT NO. T 150, MIDC, TARAPUR, BOISAR, PALGHAR 401506
2	Name of the Occupier	Mr. UDAY PATIL
3	Date of Audit	23.01.2023
4	List of raw material with maximum storage quantity	Details provided in Audit Report
5	List of finished material with maximum storage quantity	Details provided in Audit Report
6	Manufacturing process flow chart	Details provided in Audit Report
7	PI Diagram of all plants (Chemical Factories)	Enclosed
8	Name of the Safety Auditor and Certificate No and name of the person who has carried out Safety audit	VASIM SHAIKH MS/DISH/SA/S-009/2021
9	Whether enclosed Safety Audit report as per IS14489 or any such standards prevailing at the relevant time whichever is latest	Yes. Audit conducted as per IS14489:2018
25.01.2023 Date		 Signature of Safety Auditor

I (Occupier) undertake to submit the action taken report on recommendation of

Audit on or before…….

Date	Signature of Occupier

FORM NO. 7

See Rule18(7) and Scheduled II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII,and XX to Rule 114

Health Register

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

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

Name of Certifying Surgeon: DR.AKSHAY DHOTRE

Company Full Address: Plot No - T-150 MIDC TARAPUR , TAL & DIST. PALGHAR.

Company Name:M/S. AARTI DRUGS LTD.

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	Reson 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 resaons	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	E 21135	VIJAY BAGAL	M	50 YR	N.A	N.A	N.A	MANAGER	PRODUCTION	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
2	000839	BALWANT CHOUDHARI	M	53 YR	N.A	N.A	N.A	ASST. MANAGER	ADMIN	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
3	530300002	RAHUL GITE	M	30 YR	N.A	N.A	N.A	EXECUTIVE	PRODUCTION	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
4	E21260	SACHIN BAGAL	M	35 YR	N.A	N.A	N.A	OFFICER	PRODUCTION	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
5	NA	OMKAR PATIL	M	36 YR	N.A	N.A	N.A		RECOVERY	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
6	NA	MANISH TARE	M	29 YR	N.A	N.A	N.A		CBB	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
7	NA	BHARAT BAGUL	M	41 YR	N.A	N.A	N.A		CBB	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
8	200200020	KUNDAN WADE	M	25 YR	N.A	N.A	N.A	OFFICER	ENGINEER	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
9	200200010	RANJEET KUMAR SINGH	M	46 YR	N.A	N.A	N.A		ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
10	20002	ANIL AHIRE	M	27 YR	N.A	N.A	N.A	SUPERVISOR	PRODUCTIO	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
11	NA	PRAVIN SINGH	M	28 YR	N.A	N.A	N.A		S B S	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
12	NA	PRAKASH MACHHI	M	33 YR	N.A	N.A	N.A		S B S	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
13	NA	NAIMESH PATIL	M	28 YR	N.A	N.A	N.A		S B S	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
14	NA	HIMALYA CHAUDHARI	M	21 YR	N.A	N.A	N.A	SUPERVISOR	ADMIN	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
15	NA	AKSHAY MACHHI	M	24 YR	N.A	N.A	N.A		S B S	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
16	200102039	AMAR GADEKAR	M	26 YR	N.A	N.A	N.A	OFFICER	C BB	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
17	NA	TEJPAL BARDE	M	55 YR	N.A	N.A	N.A	ASST MANAGER	PRODUCTION	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
18	0189	YOGESH SHELKE	M	45 YR	N.A	N.A	N.A	ELECUTIVE	E HS	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
19	200500003	PRANAY SANKHE	M	32 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
20	200102033	SUNIL SANKHE	M	51 YR	N.A	N.A	N.A		PDSMA	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
21	NA	NIKHIL KINI	M	25 YR	N.A	N.A	N.A	OPERATOR	CB B	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
22	NA	NITESH SONAWANE	M	25 YR	N.A	N.A	N.A		ADMIN	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
23	200200011	DATTATRAY TANDEL	M	43 YR	N.A	N.A	N.A		MAINTENANC	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
24	200101027	ANAND MISHRA	M	29 YR	N.A	N.A	N.A	OFFICER	PTSCL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
25	NA	PREMSAGAR	M	37 YR	N.A	N.A	N.A	OPERATOR	PTSCL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
26	NA	AMIT SINGH	M	36 YR	N.A	N.A	N.A	OPERATOR	PTSCL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
27	NA	SACHIN AREKAR	M	33 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
28	NA	ASHISH KUMAR	M	22 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
29	NA	RAVI THAKUR	M	24 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
30	NA	HARSHAD CHAMARE	M	30 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
31	NA	NIKHIL PATIL	M	26 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
32	NA	DHARMESH DAVANE	M	27 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
33	NA	DARSHAN TAMORE	M	38 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	

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MBBS, MD (Path), AFIH

34	NA	PRAMOD DUMADA	M	27 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
35	NA	VISHAL RAUT	M	27 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
36	NA	BIRU KUMAR	M	19 YR	N.A	N.A	N.A	OPERATOR	PTSCL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
37	NA	ASHOK KUMAR	M	37 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
38	NA	MAHESH SHANWAR	M	26 YR	N.A	N.A	N.A	FITTER	MAINTANCE	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
39	E 90 133	SANJAY PATIL	M	51 YR	N.A	N.A	N.A	NA	UNIT HEAD	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
40	NA	NIRAJ KUMAR YADAV	M	21 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
41	NA	DIPAK RAY	M	29 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
42	NA	ROHIT SURA RANJAN	M	38 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
43	NA	RAHUL PATIL	M	31 YR	N.A	N.A	N.A	ELECTRICIAN	ELECTRICAL	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	
44	NA	TEJPAL BARDE	M	55 YR	N.A	N.A	N.A	ASST MANAGER	PRODUCTION	09 May 2024	FIT FOR WORK	N.A	N.A	N.A	

(स्वाक्षरी)
कारखाने अधिनियम १९४८ च्या कलम २०(२) प्रमाणे
पालघर जिल्हाकरिता दिनांक २१/०१/२०२३
पासून २०/०१/२०२५ पर्यंत
प्राधिकृत प्रमाणक शल्यचिकित्सक क्र ACS35-AD/2023
Dr. Akshay Dhotre
MBBS, MD (Path), AFIH

Name of Certifying Surgeon :

(a) Mr. Dr. VIKAS Patil

(b) Mr. _____

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NO. 7

Rule 18 (7)]

REGISTER

in occupation declared under Section 87]

year - 2024

From : _____
To : _____
From : _____
To : _____

Serial No.	Works No.	Name of Worker	Sex	Age (last birth day)	Date of employment of present work	Date of Leaving or transfer to other work	Reason for Leaving transfer discharge	Nature of job or occupation	Raw material or By product handled	Date of Medical Examination by Certifying Surgeon and 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 or suspension issued to worker	Signature with Date Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1)	20020 0010	RANJEETKUMAR SINGH	M	45	01/05/2014			TECHNICIAN		25/04/2024 Advised consultation and Treatment				
2)	20020 0003	MUKESH CHARI	M	27	01/09/2022			ENGG STORE		25/04/2024 Advised consultation and Treatment for over weight				
3)		T.R. DILIP RAJ	M	27	03/07/2023			MAINT ENGG		25/04/2024 Advised consultation and Treatment for over weight				
4)	E90 824	AMOL THAKUR	M	34	01/11/2012			QA/QC Head		25/04/2024 Advised consultation and Treatment for over weight				
5)	E71 199	GANESH GORPHANE	M	37	12/12/2008			PRODUCTION INCHARGE		25/04/2024 Advised consultation and Treatment for High B P				
6)	E90 133	SANJAY PATIL	M	50	01/01/1998			UNIT HEAD		25/04/2024 Advised consultation and Treatment for High B.P				
7)	20010 1001	TEJPAL BARDE	M	54	01/10/2013			ASSIST MANAGER		25/04/2024 Advised consultation and Treatment for Blood sugar high				
8)	E21 135	SUDHIR PADWAL	M	39	01/09/2012			OFFICER		25/04/2024 Advised consultation and Treatment for Bleed sugar high				
9)	000 189	YOGESH SHEIKE	M	34	01/09/2012			EHS HEAD		25/04/2024 FIT				
10)		SUMANTA PRADHAN	M	26	28/11/2022			EHS ASST		25/04/2024 FIT				
11)	20020 0006	ATISH MISHRA	M	28	01/05/2018			TECHNICIAN		25/04/2024 FIT				
12)	20010 2005	AKSHAY KINI	M	27	01/06/2023			TECHNICIAN		25/04/2024 FIT				
13)	20010 2007	SHIVAM PATIL	M	23	01/03/2024			OFFICER		25/04/2024 FIT				
14)	52010 2003	SHRIKANT BHUJBAL	M	30	01/08/2017			PRODUCTION INCHARGE		25/04/2024 FIT				
15)		HIMALAY CHAUDHRI	M	20	27/01/2022			H.K		25/04/2024 FIT				

DR. VIKAS M. PATIL
M.D., A.F.I.H.
FACTORY MEDICAL OFFICER
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Serial No.	Works No.	Name of Worker	Sex	Age (last birth day)	Date of employment of present work	Date of Leaving or transfer to other work	Reason for Leaving transfer discharge	Nature of job or occupation	Raw material or By product handled	Date of Medical Examination by Certifying Surgeon and 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 or suspension issued to worker	Signature with Date Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16)	2000 3021	PRAFUL PATIL	M	26	01/10/2023			MEE PLANT INCHARGE		25/04/2024 FIT				
17)		MAHENDRA GIRASE	M	26	13/07/2023			PRODUCTION INCHARGE		25/04/2024 FIT				
18)		BABURAHAM LOUDA	M	23	18/10/2023			OFFICER		25/04/2024 FIT				
19)	2000 2032	SANTOSH THAKARE	M	34	01/05/2022			OFFICER		25/04/2024 FIT				
20)	2000 2001	VIKRA PATEL	M	36	01/08/2019			INCHARGE		25/04/2024 FIT				
21)		KAUSHIK KADU	M	24	07/06/2024			QC OFFICER		25/04/2024 FIT				
22)	2000 0016	MITESH KADU	M	26	01/04/2021			QC OFFICER		25/04/2024 FIT				
23)	2000 0019	ANIKET PATIL	M	29	01/11/2022			MAINT ENGG		25/04/2024 FIT				
24	2000 0007	DEEPANJAN KUMAR	M	31	01/11/2016			ELECTRICAL ENGG		25/04/2024 FIT				
25)		AAWAZ PATHAN	M	23	17/07/2023			INSTRUMENT ENGG		25/04/2024 FIT				
26)	2000 1028	RAHUL KAPADE	M	26	01/06/2023			OFFICER		25/04/2024 FIT				
27)	2000 1004	PRADUMNA TIWARI	M	31	01/12/2018			TECHNICIAN		25/04/2024 FIT				
28)		SAHIL RANE	M	25	27/05/2022			OPERATOR		25/04/2024 FIT				
29)		VIRAT SANKE	M	25	01/10/2023			MAINT ENGG		25/04/2024 FIT				
30)		PANKAJ SHARMA	M	25	01/12/2022			ENGG STORE		25/04/2024 FIT				

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
31		KETAN KADU	M	27	19/04/2023			OFFICER		25/04/2024 FIT				
32	2010 2059	SALEEM SHAIKH	M	25	01/04/2024			OFFICER		25/04/2024 FIT				
33	2010 2059	AMAR GADEKAR	M	27	01/04/2024			OFFICER		25/04/2024 FIT				
34		AMOL PATIL	M	23	03/04/2023			OFFICER		25/04/2024 FIT				
35		JITESH CHAUDHARI	M	31	26/03/2024			RIM EXCISE		25/04/2024 FIT				
36		MAYUR SURASHE	M	25	17/05/2023			OFFICER		25/04/2024 FIT				
37	2010 2059	PRATIK MER	M	25	01/06/2023			OFFICER		25/04/2024 FIT				
38	2010 2059	AKSHAY BHOIR	M	26	01/10/2021			OFFICER		25/04/2024 FIT				
39	EMP 711	PURUSHOTTAM ZOPE	M	57	01/04/2005			OFFICER		25/04/2024 FIT				

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Annexure IX

AARTI DRUGS LTD
PLOT NO.T150,MIDC,TARAPUR.

FIRE FIFHTING EQUIPMENTS FACILITIES AVAILABLE IN THE FACTORY

1) Fire Extinguishers -

We have provided well established fire fighting system that consists following of fire extinguishers and their location.

A) List & Location of Fire Extinguishers

Sr no	Type	Capacity	Location
1	ABC	6 Kg	Security Gate
2	CO2	9 Kg	Transformer Yard
3	CO2	9 Kg	Transformer Yard
4	CO2	4.5 Kg	Transformer Yard
5	CO2	9 Kg	Utility Near Panel G/F
6	ABC	6 Kg	Utility Near Panel G/F
7	ABC	6 Kg	Utility Mainteneance
8	CO2	6.5 Kg	PCC Room G/F
9	CO2	4.5 Kg	Tank Form Yard
10	M/Foam	50 Lit	Tank Form Yard
11	M/Foam	50 Lit	Tank Form Yard
12	ABC	06 Kg	DG Set Area
13	CO2	4.5 Kg	DG Set Area
14	CO2	4.5 Kg	DG Set Area
15	CO2	4.5 Kg	DG Set Area
16	CO2	9 Kg	DG Set Area
17	ABC	6 kg	Hydrant Pump House
18	M/Foam	50 Lit	MEE Plant G/F
19	ABC	6 Kg	MEE Plant Staircase G/F
20	ABC	6 Kg	MEE Plant Staircase F/F
21	ABC	6 Kg	MEE Plant Staircase F/F
22	ABC	6 Kg	MEE Plant Staircase S/F
23	ABC	6 Kg	MEE Plant Staircase S/F
24	ABC	6 Kg	MEE Plant Staircase S/F
25	ABC	6 Kg	MEE Plant Staircase T/F
26	ABC	6 Kg	Boiler Panel Room F/F
27	ABC	6 Kg	Boiler Panel Room F/F

AARTI DRUGS LTD
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28	M/Foam	50 Lit	Underground Solvent Yard
29	ABC	6 Kg	Underground Solvent Yard
30	M/Foam	50 Lit	Underground Solvent Yard
31	ABC	6 Kg	Underground Solvent Yard
32	CO2	4.5 Kg	Underground Solvent Yard
33	ABC	6 Kg	Underground Solvent Yard
34	M/Foam	50 Lit	Underground Solvent Yard
35	ABC	6 Kg	Production Plant G/F
36	ABC	6 Kg	Production Plant G/F
37	M/Foam	9 Lit	Production Plant G/F
38	ABC	6 Kg	Production Plant G/F
39	ABC	6 Kg	Production Plant G/F
40	M/Foam	9 Lit	Production Plant G/F
41	ABC	6 Kg	Production Plant G/F
42	ABC	6 Kg	Production Plant G/F
43	M/Foam	50 Lit	Production Plant Near Hoist G/F
44	ABC	6 Kg	Production Plant Near Hoist G/F
45	ABC	6 Kg	Production Plant Near Panel G/F
46	CO2	4.5 Kg	Production Plant Near Panel G/F
47	ABC	6 Kg	Production Plant F/F
48	ABC	6 Kg	Production Plant F/F
49	ABC	6 Kg	Production Plant F/F
50	ABC	6 Kg	Production Plant F/F
51	ABC	6 Kg	Production Plant F/F
52	ABC	6 Kg	Production Plant F/F
53	ABC	6 Kg	Production Plant F/F
54	M/Foam	9 Lit	Production Plant F/F
55	ABC	6 Kg	Production Plant F/F
56	M/Foam	9 Lit	Production Plant F/F
57	ABC	6 Kg	Production Plant F/F
58	ABC	6 Kg	Production Plant F/F
59	ABC	6 Kg	Production Plant F/F
60	ABC	6 Kg	Production Plant F/F
61	ABC	6 Kg	Production Plant S/F
62	ABC	6 Kg	Production Plant S/F
63	ABC	6 Kg	Production Plant S/F
64	ABC	6 Kg	Production Plant S/F
65	ABC	6 Kg	Production Plant S/F
66	ABC	6 Kg	Production Plant S/F
67	ABC	6 Kg	Production Plant S/F

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68	DCP	25 Kg	Production Plant S/F
69	ABC	6 Kg	Production Plant S/F
70	M/Foam	9 Lit	Production Plant S/F
71	ABC	6 Kg	Production Plant S/F
72	DCP	25 Kg	Production Plant Near Office S/F
73	ABC	6 Kg	Production Plant S/F
74	ABC	6 Kg	Production Plant S/F
75	ABC	6 Kg	Production Plant S/F
76	ABC	6 Kg	Production Plant S/F
77	ABC	6 Kg	Production Plant S/F
78	ABC	6 Kg	Production Plant T/F
79	ABC	6 Kg	Production Plant T/F
80	ABC	6 Kg	Production Plant T/F
81	ABC	6 Kg	Production Plant T/F
82	ABC	6 Kg	Production Plant T/F
83	ABC	6 Kg	Production Plant T/F
84	ABC	6 Kg	Production Plant T/F
85	ABC	6 Kg	Production Plant T/F
86	ABC	6 Kg	Production Plant T/F
87	ABC	6 Kg	Production Plant T/F
88	ABC	6 Kg	Production Plant T/F
89	ABC	6 Kg	Production Plant T/F
90	ABC	6 Kg	Production Plant T/F
91	ABC	6 Kg	Production Plant Mize Floor T/F
92	ABC	6 Kg	Production Plant F/F
93	ABC	6 Kg	Production Plant F/F
94	ABC	6 Kg	Production Plant F/F
95	ABC	6 Kg	Production Plant F/F
96	ABC	6 Kg	Production Plant F/F
97	ABC	6 Kg	Production Plant S/F
98	ABC	6 Kg	Production Plant S/F
99	ABC	6 Kg	Production Plant S/F
100	ABC	6 Kg	Production Plant S/F
101	ABC	6 Kg	Production Plant S/F
102	ABC	6 Kg	Production Plant S/F
103	ABC	6 Kg	Production Plant S/F
104	ABC	6 Kg	Production Plant T/F
105	ABC	6 Kg	Production Plant T/F
106	ABC	6 Kg	Production Plant T/F
107	ABC	6 Kg	Production Plant T/F

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PLOT NO.T150,MIDC,TARAPUR.

108	ABC	6 Kg	Production Plant T/F
109	ABC	6 Kg	Production Plant T/F
110	ABC	6 Kg	Production Plant T/F
111	ABC	6 Kg	Production Plant T/F
112	ABC	6 Kg	Production Plant T/F
113	ABC	6 Kg	Electrical Panel Room F/F
114	ABC	6 Kg	Production Plant F/F
115	ABC	6 Kg	Production Plant F/F
116	ABC	6 Kg	Production Plant F/F
117	CO2	4.5 kg	Production Plant Panel Room G/F
118	CO2	4.5 kg	Production Plant Panel Room G/F
119	M/Foam	50 Lit	Production Plant F/F
120	M/Foam	50 Lit	Production Plant F/F
121	CO2	4.5 Kg	QC Outside Area F/F
122	ABC	6 Kg	QC Outside Area F/F
123	CO2	2 Kg	QC Dept F/F
124	ABC	6 kg	QC Near Office Outside G/F
125	M/Foam	50 Lit	Ground Floor
126	M/Foam	50 Lit	Ground Floor
127	ABC	6 kg	Ground Floor

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2) HYDRANT SYSTEM

Fire hydrant system contains 150 m^3 water capacity. A separate 03 nos. of hydrant pump is established in plant. Following types of pumps are present for fire hydrant system.

A)

Sr. No.	Detail	Main Pump
1	Make	Kirloskar
2	Capacity	171 m^3/hr
3	Head	70M
4	Speed	2900 RPM
5	HP	75 HP
6	Power Of Supply	415 V(3PHASE)

B)

Sr. No.	Detail	Jocky Pump
1	Make	Kirloskar
2	Capacity	70 m^3/hr
3	Head	50M
4	Speed	2900 RPM
5	HP	10 HP
6	Power Of Supply	415 V(3PHASE)

C)

Sr. No.	Detail	Diesel Pump
1	Make	Kirloskar
2	Capacity	175 m^3/hr
3	Head	80M
4	Speed	2200 RPM
5	HP	72 HP
6	Power Of Supply	415 V(3PHASE) /Diesel

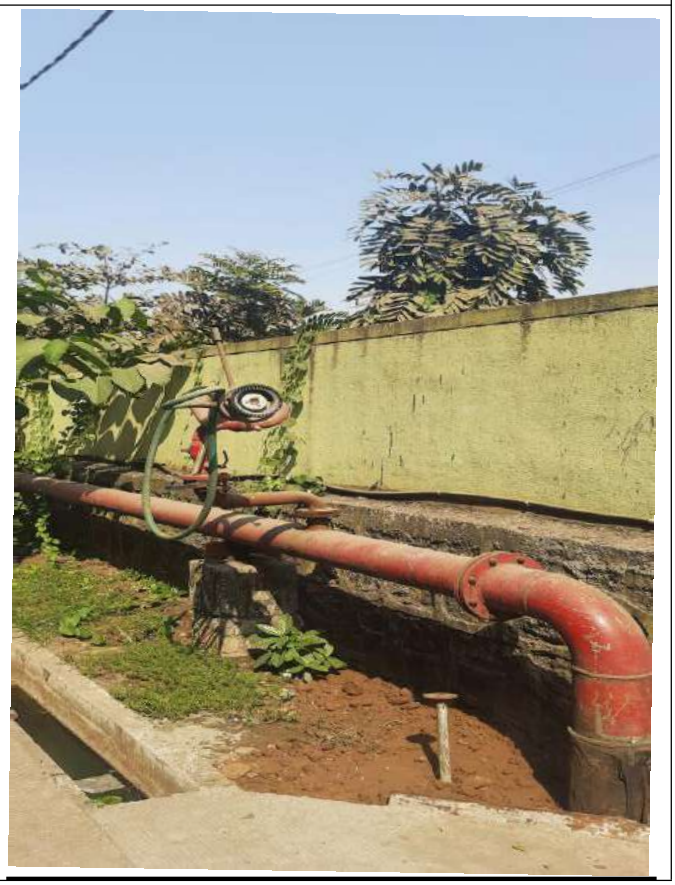
B) Location of Fire Hydrant Points:

Sr. no.	Hydrant Point	Location
1.	HP-1	Main Gate
2.	HP-2	Utility Side
3.	HP-3	Cooling Tower Side
4.	HP-4	U/G Tank Farm
5.	HP-5	ETP Area
6.	HP-6	ETP Area
7.	HP-7	ETP Area Backside
8.	HP-8	ETP Side Cooling Tower
9.	HP-9	DG Room Side Wall Boundary
10.	HP-10	MEE Plant Wall Boundary
11.	HP-11	MEE Plant Storage Yard
12.	HP-12	MEE Plant Centrifuge Area
13.	HP-13	MEE Plant Staircase
14.	HP-14	MEE Plant Staircase
15.	HP-15	MEE Plant Staircase
16.	HP-16	Boiler Road Area
17.	HP-17	Boiler Staircase
18.	HP-18	Ammonia Tank Backside
19.	HP-19	Ammonia Tank Road Side
20.	HP-20	Ammonia Tank Road Side
21.	HP-21	Ammonia Tank Entry Gate
22.	HP-22	Main Building South Side
23.	HP-23	Security Gate Second
24.	HP-24	Main Building East Side Staircase
25.	HP-25	Main Building East Side Staircase
26.	HP-26	Main Building North Side Staircase
27.	HP-27	Main Building East Side Staircase
28.	HP-28	Main Building South Side Staircase
29.	HP-29	Main Building West Side Staircase
30.	HP-30	Main Building West Side Staircase
31.	HP-31	Main Building North Side Staircase
32.	HP-32	Main Building East Side Staircase
33.	HP-33	Main Building South Side Staircase
34.	HP-34	Main Building South Side Staircase
35.	HP-35	Main Building East Side
36.	HP-36	Main Building West Side
37.	HP-37	Utility Building
38.	HP-38	Utility Building

AARTI DRUGS LTD
PLOT NO.T150,MIDC,TARAPUR.

Photographs Of Fire Hydrant System

AARTI DRUGS LTD
PLOT NO.T150,MIDC,TARAPUR.



AARTI DRUGS LTD
PLOT NO.T150,MIDC,TARAPUR.

Photographs of Fire Extinguishers

AARTI DRUGS LTD

PLOT NO.T150,MIDC,TARAPUR.

AARTI DRUGS LTD
PLOT NO.T150,MIDC,TARAPUR.

Photos of Heat And Smoke Detector with Fire Alarm system in Plant

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re Sustainability

Mumbai Waste Management Ltd.

Certificate

of Membership

M/s. Aarti Drugs Ltd. (Plot No. T-150)

is a registered member of
CHW-TSDF at MIDC –Taloja for
safe and secure disposal of
Hazardous waste with
Membership No: MWML – HZW – TAR – 3827.

This Certificate is valid up to: 31st 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:	***Submitted On:***	***Industry Type :***
MPCB-HW_ANNUAL_RETURN-0000049082	29-06-2024	Generator

Submitted for Year:

2024

1. Name of the generator/operator of facility	***Address of the unit/facility***
M/s. Aarti Drugs Ltd.	Plot No. T-150, MIDC Tarapur, Tal. & Dist.- Palghar, Maharashtra - 401506

1b. Authorization Number	***Date of issue***	***Date of validity of consent***
Format1.0/CC/UAN No.0000142425/CR/2212000361	Dec 6, 2022	Aug 31, 2027

2. Name of the authorised person	***Full address of authorised person***
Mr. Sanjay B. Patil	Plot No. T-150, MIDC Tarapur, Tal. & Dist.- Palghar, Maharashtra - 401506

Telephone	***Fax***	***Email***
9960595152		t150safety@aartidrugs.com

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

Product Type *	***Product Name ****	***Consented Quantity***	***Actual Quantity***	***UOM***
Pharmaceuticals(excluding formulation)	Salt Recovery	19476.0000	928.27	MT/A
Pharmaceuticals(excluding formulation)	Sodium Benzene Sulphinate	1800.0000	1445.807	MT/A
Pharmaceuticals(excluding formulation)	Cis Bromo Benzoate	960.0000	410.85	MT/A
Pharmaceuticals(excluding formulation)	Benzene Sulphonic Acid	600.0000	237.788	MT/A
Pharmaceuticals(excluding formulation)	Para Toluene Sulphonyl Chloride	4800.0000	496.4605	MT/A
Pharmaceuticals(excluding formulation)	Para Toluene Sulphonic Acid Sodium Salt	1200.0000	370	MT/A
Pharmaceuticals(excluding formulation)	Cyclopropyl Amine	1200.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Salicylic Acid	600.0000	0	MT/A
Pharmaceuticals(excluding formulation)	Intermediates of Itraconazole-I	145.3200	0	MT/A
Pharmaceuticals(excluding formulation)	Intermediates of Itraconazole-II	111.4800	0	MT/A
Pharmaceuticals(excluding formulation)	--NA--	0.0000	0	--NA--

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***
37.3 Concentration or evaporation residues	Concentration or evaporation residues	180.000	483.391	MTA

35.3 Chemical sludge from waste water treatment	Chemical sludge from waste water treatment	12.000	72.65	MTA
28.3 Spent carbon	Spent carbon	15.770	11.2	MTA
35.4 Oil and grease skimming	Oil and grease skimming	1.800	0.399	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels /Containers/Liners contaminated with Hazardous chemical	12000.000	5257	numbers/anum
28.1 Process Residue and wastes	Sulphonated oil	696.000	20.4	MTA
28.1 Process Residue and wastes	Sodium Sulphate Salt	2840.400	621	MTA
28.1 Process Residue and wastes	HBR Solution	2591.880	1019.56	MTA
28.1 Process Residue and wastes	Methylene Dichloride	93.360	26.391	MTA
28.1 Process Residue and wastes	Glycerine	65.400	10.398	MTA
28.1 Process Residue and wastes	Spent Sulphuric Acid	5299.200	902.07	MTA
28.1 Process Residue and wastes	HCL 30%	1776.360	293.31	MTA
28.1 Process Residue and wastes	Methanol	3787.200	153.272	MTA
28.1 Process Residue and wastes	Process Residue & Waste	45.090	0	MTA
28.1 Process Residue and wastes	Butanol	11.400	0	MTA
28.1 Process Residue and wastes	Sodium Hypochlorite Solution	928.800	0	MTA
28.1 Process Residue and wastes	25% NH3	3273.600	0	MTA
28.1 Process Residue and wastes	Mixture of CBB & TBB	1080.000	0	MTA

2. Quantity dispatched category wise.

Type of Waste	***Quantity of waste***	***UOM***	***Dispatched to***	***Facility Name***
37.3 Concentration or evaporation residues	303.381	MTA	Co-processors or pre-processor	Go Green Eco Tech Solutions Pvt Ltd.
37.3 Concentration or evaporation residues	112.48	MTA	Disposal Facility	M/s.Mumbai Waste Management Ltd.(MWML).
37.3 Concentration or evaporation residues	67.53	MTA	Co-processors or pre-processor	Dalmia Cement Bharat Limited, Odisha
35.3 Chemical sludge from waste water treatment	72.65	MTA	Co-processors or pre-processor	Go Green Eco Tech Solutions Pvt Ltd.
28.3 Spent carbon	11.2	MTA	Co-processors or pre-processor	M/s. J.K. White Cement Works
35.4 Oil and grease skimming	0.399	MTA	Recycler or Actual user	Go Green Eco Tech Solutions Pvt Ltd.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	5257	numbers/anum	Recycler or Actual user	M/s A1 Scrap Marchant
28.1 Process Residue and wastes	20.4	MTA	Recycler or Actual user	Go Green Eco Tech Solutions Pvt Ltd.
28.1 Process Residue and wastes	621	MTA	Recycler or Actual user	Supreet Chemicals Ltd
28.1 Process Residue and wastes	175.67	MTA	Recycler or Actual user	Pacific Chemicals
28.1 Process Residue and wastes	43.53	MTA	Recycler or Actual user	Rudramahadev Chemicals Pvt. Ltd.
28.1 Process Residue and wastes	20.2	MTA	Recycler or Actual user	Sujay Chemicals
28.1 Process Residue and wastes	780.16	MTA	Recycler or Actual user	Sunil Great (HYK) Processors Pvt. Ltd.

28.1 Process Residue and wastes	26.391	MTA	Recycler or Actual user	Om Chemicals
28.1 Process Residue and wastes	10.398	MTA	Recycler or Actual user	Om Chemicals
28.1 Process Residue and wastes	193.37	MTA	Recycler or Actual user	Bharat Agrifert & Reality Ltd.
28.1 Process Residue and wastes	174.88	MTA	Recycler or Actual user	Shiva Global Agro India Ltd.
28.1 Process Residue and wastes	352.97	MTA	Recycler or Actual user	Basant Agrotech Ltd.
28.1 Process Residue and wastes	180.85	MTA	Recycler or Actual user	Rajlaxmi Agrotech India Pvt. Ltd.
28.1 Process Residue and wastes	102.33	MTA	Recycler or Actual user	Meera Chemical Industries
28.1 Process Residue and wastes	190.98	MTA	Recycler or Actual user	Royal Enterprises
28.1 Process Residue and wastes	52.439	MTA	Recycler or Actual user	M/s. Turmalin Chemicals
28.1 Process Residue and wastes	100.833	MTA	Recycler or Actual user	Om Chemicals

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)	***UOM***
0	MTA

Personal Details

Place	***Date***	***Designation***
MIDC Tarapur	2024-06-29	Works Manager

Annexure XI

Solvent Recovery data :-

Sr. No.	Name of the solvent	Solvent recovery
1	Xylene	94%
2	Methanol	89.70%
3	Methylene Dichloride	80.40%

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.

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Aarti Drugs Limited.

T-150,MIDC,Tarapur.

MOCK DRILL RECORD

(15 May 2024)

Name of Event:- Electrical Emergency

Mr. Sanjay Patil (Unit Head)	**Chief Controller**	**Sign & Date**
Mr. Yogesh Shelke (EHS Dept.)	**Site Controller**	**Sign & Date**

INDEX

1. Introduction : -

Emergency preparedness is one of prime objectives of our organization. In this point of view, on site emergency plan is prepared. It is very essential to evaluate the effectiveness of on site emergency plan so that necessary improvement in safety system can be made. This is achieved by carrying out mock drill.

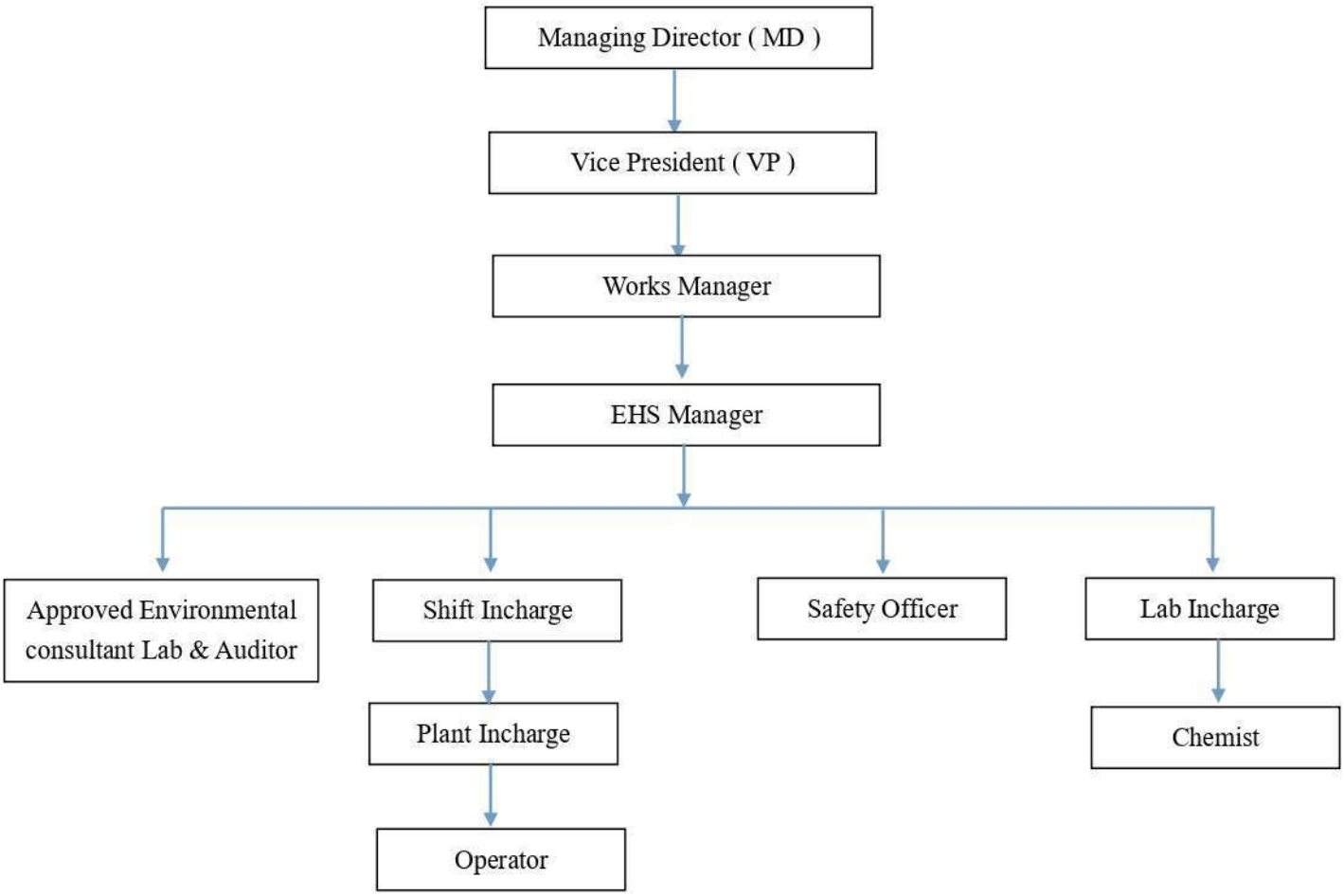
The mock drill was conducted on Second shift on Date 15/05/2024 at 20:25 Hrs

For efficient implementation of the mock drill we prepared a systematic action plan.

1. Preparation of team and team leaders.
2. Training of respective teams.
3. Actual action and implementation.
4. Shortcomings found during minutes of mock drill.
5. Records of events.

Annexure XIII

Environment Management cell Diagram :-



Annexure XIV

पर्यावरण विषयक परवानगी

आम्ही आरती ड्रग्स लिमिटेड सर्वांना कळवू इच्छितो की, आमच्या कारखान्यात पत्ता : प्लॉट नं. T-१५० प्रस्तावित ऑरगॅनिक केमिकल्स आणि सॉल्टस उत्पादन महिन्याला ३६०० मे. टन (संदर्भ पत्राद्वारे SEAC-2014/CR-392/TC-2. दि. २८ जानेवारी, २०१६), पर्यावरण विषयक मंजुरी दिली आहे. याची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे मिळू शकेल, त्याचप्रमाणे इंटरनेटच्या संकेतस्थळ http://ec.maharashtra.gov.in वर पाहता येईल.

EUROFINE ENVIRO LAB PVT. LTD.

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

TEST REPORT

Report No:	**EFEL/PRO/2024/03/318**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** **Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.**		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : MS Stack Height : 48 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	Boiler 10 TPH
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	464	K		--
2	Differential Pressure	4.8	mm WG		
3	Velocity	8.9	M/s		
4	Dimensions of Stack	1.1	Mtr.		
5	Stack Area	0.94985	M^2		
6	Gas Volume	19681.59	Nm^3/Hr		
7	Particulate Matter	46.8	mg/Nm^3	≤ 50	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide(SO2)	14.6	mg/Nm^3	≤ 50	
9	Sulphur Dioxide(SO2)	6.89	Kg/day	-	

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

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

EUROFINE ENVIRO LAB PVT. LTD.

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/319**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : MS Stack Height : 7.0 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	D G Set 750 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	576	K		--
2	Differential Pressure	5.4	mm WG		
3	Velocity	10.59	M/s		
4	Dimensions of Stack	0.1	Mtr.		
5	Stack Area	0.00785	M^2		
6	Gas Volume	154.84	Nm^3/Hr		
7	Particulate Matter	46.5	mg/Nm^3	≤ 50	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide(SO2)	41.0	mg/Nm^3	≤ 50	
9	Sulphur Dioxide(SO2)	0.15	Kg/day	--	

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

Eurofine Enviro

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

EUROFINE ENVIRO LAB PVT. LTD.

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT

Report No:	**EFEL/PRO/2024/03/320**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.**		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : PP / FRP Stack Height : 4 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	Bromine Scrubber
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	312	K		--
2	Differential Pressure	3.4	mm WG		
3	Velocity	6.18	M/s		
4	Dimensions of Stack	0.2	Mtr.		
5	Stack Area	0.0314	M^2		
6	Gas Volume	667.78	Nm^3/Hr		
7	Acid Mist	5.0	mg/Nm^3	≤35	

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

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

EUROFINE ENVIRO LAB PVT. LTD.

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

TEST REPORT

Report No:	**EFEL/PRO/2024/03/321**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited, Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.**		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : PP / FRP Stack Height : 10 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	HCL Scrubber 1
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	314	K		--
2	Differential Pressure	3.1	mm WG		
3	Velocity	5.92	M/s		
4	Dimensions of Stack	0.2	Mtr.		
5	Stack Area	0.0314	M^2		
6	Gas Volume	635.60	Nm^3/Hr		
7	Acid Mist	7.24	mg/Nm^3	≤35	

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

Eurofine Enviro Lab Pvt. Ltd.

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

EUROFINE ENVIRO LAB PVT. LTD.

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

TEST REPORT

Report No:	**EFEL/PRO/2024/03/322**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : PP / FRP Stack Height : 21 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	HCL Scrubber 02 BS Acid
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	311	K		--
2	Differential Pressure	3.2	mm WG		
3	Velocity	5.99	M/s		
4	Dimensions of Stack	0.2	Mtr.		
5	Stack Area	0.0314	M^2		
6	Gas Volume	648.84	Nm^3/Hr		
14	Acid Mist	6.54	mg/Nm^3	≤35	

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

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Eurofine Enviro Lab Pvt. Ltd.

EUROFINE ENVIRO LAB PVT. LTD.

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

TEST REPORT

Report No:	**EFEL/PRO/2024/03/323**	**Issue Date**	**22/03/2024**
Name and Address of Customer	**M/s. Aarti Drugs Limited,** Plot No. T - 150, MIDC Tarapur Boisar.Tal. & Dist. Palghar.		
Sample Name	**Source Emission**	**Sample Description**	Stack Material : PP / FRP Stack Height : 30 mtr Stack Type : Round
Date of Sampling	13/03/2024		
Start Date of Analysis	14/03/2024		
End Date of Analysis	22/03/2024	**Sampling Location**	Solvent Recovery System
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	306	K		--
2	Differential Pressure	3.0	mm WG		
3	Velocity	5.75	M/s		
4	Dimensions of Stack	0.2	Mtr.		
5	Stack Area	0.0314	M^2		
6	Gas Volume	633.39	Nm^3/Hr		
14	Acid Mist	4.81	mg/Nm^3	≤35	

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

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Eurofine Enviro Lab Pvt. Ltd.

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	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000059960	27-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
AARTI DRUGS LTD.	142425	
Address		
PLOT NO. T-150, M.I.D.C, TARAPUR TAL. & DIST.- PALGHAR		
Plot no	***Taluka***	***Village***
T-150	PALGHAR	TARAPUR
Capital Investment (In lakhs)	***Scale***	***City***
72.7	LSI	BOISAR
Pincode	***Person Name***	***Designation***
421501	MR. UDAY PATIL	DIRECTOR
Telephone Number	***Fax Number***	***Email***
9960595152		t150safety@aartidrugs.com
Region	***Industry Category***	***Industry Type***
SRO-Tarapur I	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CC/UAN No.0000142425/CR/2212000361	2022-12-06
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-08-31	2017	Sep 24 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Salt Recovery	19476.0000	908.2	MT/A
Sodium Benzene Sulphinate	1800.0000	1294.28	MT/A
Cis Bromo Benzoate	960.0000	464.767	MT/A
Benzene Sulphonic Acid	600.0000	201.545	MT/A
Para Toluene Sulphonic Acid Sodium Salt	1200.0000	235.8	MT/A
Para Toluene Sulphonyl Chloride	4800.0000	342.85	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	00	00	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	87.30	46.40
Cooling	365.00	194.03
Domestic	3.50	1.87
All others	15.00	7.98
Total	470.80	250.28

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	92.6	37.12	CMD
DOMESTIC EFFLUENT	3	1.57	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
list attached	3.4	4.77	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
Benzene Sulphonyl chloride(sodium benzene sulphinate)	1.2	1.2110	MT/A
Caustic soda flakes (sodium benzene sulphinate)	0.93	1.1270	MT/A
Catalyst of SBS (sodium benzene sulphinate)	00	0.6670	MT/A
Charcoal (sodium benzene sulphinate)	00	0.0070	MT/A
HCL 30% (sodium benzene sulphinate)	0.95	1.3100	MT/A
Sodium Bi Sulphite solutions (sodium benzene sulphinate)	0.00	1.7140	MT/A
2,4 dichloro Acetophenone (Cis Bromobenzoate)	0.88	0.864	MT/A
Glycerine (Cis Bromobenzoate)	0.53	0.526	MT/A
Para Toluene Sulphonic Acid (Cis Bromobenzoate)	0.02	0.026	MT/A
Methylene Di Chloride (Cis Bromobenzoate)	0.51	0.358	MT/A
N-Butanol (Cis Bromobenzoate)	0.27	0.276	MT/A
Liq Bromine (Cis Bromobenzoate)	0.79	0.042	MT/A
Liq NH3 (Cis Bromobenzoate)	0.04	0.042	MT/A
Caustic soda flakes (Cis Bromobenzoate)	00	0.311	MT/A
Benzoyl chloride (Cis Bromobenzoate) (	0.77	0.762	MT/A
Sodium Bicorbonate (Cis Bromobenzoate)	0.07	0.07	MT/A

Methanol (Cis Bromobenzoate)	0.37	0.328	MT/A
Benzene Sulphonyl chloride (benzene sulphonic acid)	00	1.1290	MT/A
Para Toluene sulphonyl choride (Para Toiuene sulphonic acid sodium salt)	00	1.100	MT/A
caustic soda flakes (Para Toluene sulphonic acid sodium salt)	00	0.88	MT/A
Sodium Meta Bi Sulphite (Para Toluene sulphonic acid sodium salt)	0.6	0.5380	MT/A
Charcoal (Para Toluene sulphonic acid sodium salt)	00	1.1	MT/A
HCL 30% (Para Toluene sulphonic acid sodium salt)	00	1.1000	MT/A
Toluene (Para toluene sulphonyl chloride)	00	0.5775	MT/A
Methylene Di chloride (Para toluene sulphonyl chloride)	00	0.20	MT/A
Sulphur Trioxide (Para toluene sulphonyl chloride)	00	0.6636	MT/A
catalyst (Para toluene sulphonyl chloride)	00	0.05	MT/A
Chloro Sulphonic Acid (Para toluene sulphonyl chloride)	00	1.0395	MT/A
Ammonium Sulphate (Para toluene sulphonyl chloride)	00	0.04725	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
HSD	2556000	16720	Ltr/A
coal	14484000	5516900	Kg/Annum

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)***	***Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
pH	0	7.17	NA	5.5 to 9.0	NA
BOD	1.6	44	44	100	NA
COD	6.16	166	66.4	250	NA
SS	2.19	59	59	100	NA
TDS	46.2	1245	59.2	2100	NA

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
SPM/TPM	0	23	46	50Mg/Nm3	NA
So2	100	0	49.01	204KG/DAY	NA

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	832.56	1229.7	MT/A
28.1 Process Residue and wastes	00	18.063	MT/A

28.1 Process Residue and wastes	00	39.458	MT/A
28.1 Process Residue and wastes	00	181.28	MT/A
28.1 Process Residue and wastes	00	756.82	MT/A
28.1 Process Residue and wastes	00	520.75	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
37.3 Concentration or evaporation residues	00	475.46	MT/A
35.3 Chemical sludge from waste water treatment	3.82	40.047	MT/A
35.4 Oil and grease skimming	0.487	0.403	MT/A
28.3 Spent carbon	6.525	13.26	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1791	1535	Nos./Y

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
NA	00	00	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
NA	00	00	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	00	00	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

Type of Hazardous Waste Generated	***Qty of Hazardous Waste***	***UOM***	***Concentration of Hazardous Waste***
37.3 Concentration or evaporation residues	282.52	MT/A	CHWTSDF, Taloja
37.3 Concentration or evaporation residues	124.52	MT/A	Indus Chem, Telangana
37.3 Concentration or evaporation residues	68.42	MT/A	Go Green Eco Tech Solutions Pvt Ltd.
35.3 Chemical sludge from waste water treatment	40.047	MT/A	CHWTSDF, Taloja
35.4 Oil and grease skimming	0.403	MT/A	CHWTSDF, Taloja
28.3 Spent carbon	2.8	MT/A	CHWTSDF, Taloja
28.3 Spent carbon	10.46	MT/A	J.K White Cement Works
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1535	Nos./Y	A1 Scrap Work
28.1 Process Residue and wastes	18.063	MT/A	Recycler or Actual User

28.1 Process Residue and wastes	1229.7	MT/A	Recycler or Actual user
28.1 Process Residue and wastes	39.458	MT/A	Recycler or Actual user
28.1 Process Residue and wastes	181.28	MT/A	Recycler or Actual user
28.1 Process Residue and wastes	756.82	MT/A	Recycler or Actual user
28.1 Process Residue and wastes	520.75	MT/A	Recycler or Actual user

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***
NA	00	MT/A	00

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	0	0	0	0	130	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	Modification of ETP and fire safety	20

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
NA	NA	00

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. Noise level survey, cess returns & house keeping are done regularly. The Soak Pit & Septic Tank is provided for the treatment of Domestic effluent. Environment and safety aspects is of prime importance and is incorporated at the Design and energy spects of operations. Green drive is the major contribution to create the envir

Name & Designation

MR UDAY PATIL

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000059960

Submitted On:
27-09-2023