**24th November 2023**

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

**Subject: Manufacturing of Chemical Intermediates of Aastrid Life Sciences Pvt. Ltd. at Plot No. FS-1 & FS-2, Additional MIDC Mahad, Raigad– Submission of the Consolidated EC Compliance for the period of October 2022- March 2023 and April 2023-September 2023.**

**Ref:** Environmental Clearance letter no. SEIAA-EC- 0000001492 dated 7th May, 2019 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 7th May, 2019 for our Project,

As per the requirement we have made compliances regularly and now we are submitting consolidated EC Compliance report for the period of October 2022- March 2023 and April 2023-September 2023.

Now we are pleased to submit the status of our project during the period of October 2022-March 2023 and April 2023-September 2023. Kindly consider it as a consolidated progress/ status report.

With this reference we wish to submit the details required as below:

1. Current status of Project.
2. Point wise compliance to stipulation as laid down by ministry.
3. EC letter
4. Environmental Monitoring Reports

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

Thanking You,

**For Aastrid Life Sciences Pvt. Ltd.**

**Authorized Signatory**

AASTRID LIFE SCIENCES PVT. LTD.

Aastrid Life Sciences Pvt. Ltd.
Regd. Office : A-593, TTC Industrial Area, MIDC, Mahape, Navi Mumbai - 400 701, Maharashtra, INDIA. | Tel.: +91 22 4007 2626
Unit - 1 : B-19, MIDC, Birwadi, Mahad, Dist. Raigad - 402 302, Maharashtra, INDIA.
Unit - 2 : FS1 & FS2, Additional MIDC, Mahad, Dist. Raigad - 402 302, Maharashtra, INDIA.
Email: info@aastrid.com | Internet: www.aastridlifesciences.com | CIN # U24100MH2010PTC200641

# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

**Environment department,**
**Room No. 217, 2nd floor,**
**Mantralaya, Annexe,**
**Mumbai- 400 032.**
**Date:May 7, 2019**

To,
**Aastrid Life Sciences Pvt. Ltd.**
at Plot No. FS-1 & FS-2, Additional MIDC Mahad, Raigad

**Subject:** Environment Clearance for Aastrid Life Sciences Pvt. Ltd., at Plot no. at Plot No. FS-1 & FS-2, Additional MIDC Mahad, Raigad, Maharashtra.

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 161st meeting and 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 165th meetings.

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 you is as below :-**

| | |
|---|---|
| **1.Name of Project** | New project for manufacturing of chemical intermediates at Plot No. FS-1 & FS-2, Additional MIDC Mahad, Raigad by Aastrid Life Sciences Pvt. Ltd. |
| **2.Type of institution** | Private |
| **3.Name of Project Proponent** | Aastrid Life Sciences Pvt. Ltd. |
| **4.Name of Consultant** | Goldfinch Engineering Systems Private Limited |
| **5.Type of project** | Industrial- Manufacturing of Chemical Intermediates |
| **6.New project/expansion in existing project/modernization/diversification in existing project** | New |
| **7.If expansion/diversification, whether environmental clearance has been obtained for existing project** | Not Applicable |
| **8.Location of the project** | Plot No. FS-1 & FS-2, Additional MIDC Mahad, Raigad |
| **9.Taluka** | Mahad |
| **10.Village** | Amshet |
| **Correspondence Name:** | Dr. Ravi Jagtap |
| **Room Number:** | A-514, |
| **Floor:** | TTC Industrial Area, |
| **Building Name:** | MIDC Mahape, |
| **Road/Street Name:** | - |
| **Locality:** | TTC Industrial Area, |
| **City:** | Navi Mumbai – 400 701 |
| **11.Area of the project** | Additional MIDC, Mahad, Maharashtra |
| **12.IOD/IOA/Concession/Plan Approval Number** | Not Applicable |
| | **IOD/IOA/Concession/Plan Approval Number:** Not Applicale |
| | **Approved Built-up Area:** 15524.94 |

| | |
|---|---|
| **13.Note on the initiated work (If applicable)** | Not Applicable |
| **14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)** | Not Applicable |
| **15.Total Plot Area (sq. m.)** | 23228 Sq. m. |
| **16.Deductions** | Not applicable |
| **17.Net Plot area** | Not applicable |
| **18 (a).Proposed Built-up Area (FSI & Non-FSI)** | **FSI area (sq. m.):** 15524.94 |
| | **Non FSI area (sq. m.):** - |
| | **Total BUA area (sq. m.):** 15524.94 |
| **18 (b).Approved Built up area as per DCR** | **Approved FSI area (sq. m.):** Not applicable |
| | **Approved Non FSI area (sq. m.):** Not applicable |
| | **Date of Approval:** 30-03-2019 |
| **19.Total ground coverage (m2)** | 5970.68 Sq.m. |
| **20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)** | 25.92 |
| **21.Estimated cost of the project** | 800000000 |

## 22.Production Details

| Serial Number | Product | Existing (MT/M) | Proposed (MT/M) | Total (MT/M) |
|---|---|---|---|---|
| 1 | (S)-n-ethyl-2-aminomethyl pyrrolidine | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 2 | N-ethyl-2-aminomethyl pyrrolidine | Not Applicable | 120.00 MT/A | 120.00 MT/A |
| 3 | 2H-thieno[2,3-e]-1,2-thiazine-3-carboxylic acid-6-chloro-4-hydroxy-2-methyl-methyl ester,1,1-dioxide | Not Applicable | 12.00 MT/A | 12.00 MT/A |
| 4 | 2-Amino-3-nitro-6-chloropyridine | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 5 | 5,6-Dimethoxy Indanone | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 6 | 5-Chloro-3-Sulfonamide Acetate Thiophene-2-Carboxylate | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 7 | Glycine Methyl Ester Hydrochloride | Not Applicable | 12.00 MT/A | 12.00 MT/A |
| 8 | (S)-3-Hydroxy Tetrahydrofuran | Not Applicable | 36.00 MT/A | 36.00 MT/A |
| 9 | (R)-3-Hydroxy Tetrahydrofuran | Not Applicable | 12.00 MT/A | 12.00 MT/A |
| 10 | 2,5-Pyridinedicarboxylic Acid,1-(2,2-Dimethoxyethyl)-1,4-Dihydro-3-Methoxy-4-Oxo-2-Methyl Ester | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 11 | Methyl-4-Methoxy Oxobutanoate | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 12 | 2,4,5-Trimethoxy Benzoic Acid | Not Applicable | 36.00 MT/A | 36.00 MT/A |
| 13 | 2-Aminothiazol-4-Carboxylic Acid Ethyl Ester | Not Applicable | 36.00 MT/A | 36.00 MT/A |
| 14 | (1S)-2-(Dimethyl amino)-1-Phenylethanol | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 15 | 3-(Bromomethyl)-7-Chlorobenzo[B] Thiophene | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 16 | Methyl-5-Formyl-2-Methoxy Benzoate | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 17 | 4-Isobutoxybenzylamine | Not Applicable | 36.00 MT/A | 36.00 MT/A |
| 18 | N-(4-fluorobenzyl)-1-methylpiperidin-4-amine | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 19 | Propiolic acid | Not Applicable | 12.00 MT/A | 12.00 MT/A |
| 20 | N-(4-Aminobenzoyl)-beta alanine | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 21 | 1,2,6-Hexanetriol | Not Applicable | 12.00 MT/A | 12.00 MT/A |
| 22 | Cyclo butyl Carbinol | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 23 | 6-[methyl(phenylsulfonyl)amino]- hexanoic acid | Not Applicable | 300.00 MT/A | 300.00 MT/A |
| 24 | Cyano methyl imidazole | Not Applicable | 36.00 MT/A | 36.00 MT/A |
| 25 | 5-methylisoxazole-4-carboxylic acid | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 26 | 6-Bromo 2- naphthoic acid methyl ester | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 27 | Ethyl 7 chloroheptanoate | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 28 | Trans- Pentenoic acid | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 29 | 3 nitro 2 methyl benzoic acid | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 30 | 5 nitro 2 methoxy phenol | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 31 | Bis(4-hydroxyphenyl) (2pyridyl) methane / DeacetylBisacodyl | Not Applicable | 60.00 MT/A | 60.00 MT/A |
| 32 | 2-((4-amino pentyl) (ethyl)amino) ethanol | Not Applicable | 24.00 MT/A | 24.00 MT/A |
| 33 | Total | -- | 1392.00 MT/A | 1392.00 MT/A |

## 23.Total Water Requirement

| | | |
|---|---|---|
| **Dry season:** | **Source of water** | Not applicable |
| | **Fresh water (CMD):** | Not applicable |
| | **Recycled water - Flushing (CMD):** | Not applicable |
| | **Recycled water - Gardening (CMD):** | Not applicable |
| | **Swimming pool make up (Cum):** | Not applicable |
| | **Total Water Requirement (CMD) :** | Not applicable |
| | **Fire fighting - Underground water tank(CMD):** | Not applicable |
| | **Fire fighting - Overhead water tank(CMD):** | Not applicable |
| | **Excess treated water** | Not applicable |
| **Wet season:** | **Source of water** | Not applicable |
| | **Fresh water (CMD):** | Not applicable |
| | **Recycled water - Flushing (CMD):** | Not applicable |
| | **Recycled water - Gardening (CMD):** | Not applicable |
| | **Swimming pool make up (Cum):** | Not applicable |
| | **Total Water Requirement (CMD) :** | Not applicable |
| | **Fire fighting - Underground water tank(CMD):** | Not applicable |
| | **Fire fighting - Overhead water tank(CMD):** | Not applicable |
| | **Excess treated water** | Not applicable |
| **Details of Swimming pool (If any)** | Not applicable | |

## 24.Details of Total water consumed

| Particulars | Consumption (CMD) | | | Loss (CMD) | | | Effluent (CMD) | | |
|---|---|---|---|---|---|---|---|---|---|
| Water Requirement | Existing | Proposed | Total | Existing | Proposed | Total | Existing | Proposed | Total |
| Domestic | Not Applicable | 10.00 | 10.00 | Not Applicable | (-) 02.00 | (-) 02.00 | Not Applicable | 08.00 | 08.00 |
| Industrial Process | Not Applicable | 67.00 | 67.00 | Not Applicable | (+) 19.4 | (+) 19.4 | Not Applicable | 86.4 | 86.4 |
| Cooling tower & thermopack | Not Applicable | 502.00 | 502.00 | Not Applicable | (-) 290.00 | (-) 290.00 | Not Applicable | 212.00 | 212.00 |
| Gardening | Not Applicable | 38.00 | 38.00 | Not Applicable | (-) 38.00 | (-) 38.00 | Not Applicable | 00.00 | 00.00 |
| Fresh water requirement | Not Applicable | 617.00 | 617.00 | Not Applicable | (-) 310.6 | (-) 310.6 | Not Applicable | 306.4 | 306.4 |

| | | |
|---|---|---|
| **25.Rain Water Harvesting (RWH)** | **Level of the Ground water table:** | 5 -10 m |
| | **Size and no of RWH tank(s) and Quantity:** | 1 No. - Capacity – 130 CMD |
| | **Location of the RWH tank(s):** | UG water Tank – Near pump area |
| | **Quantity of recharge pits:** | Not applicable as collected water will be reused. |
| | **Size of recharge pits :** | Not applicable as collected water will be reused. |
| | **Budgetary allocation (Capital cost) :** | Rs. 20.0 lacs. |
| | **Budgetary allocation (O & M cost) :** | Rs. 5.2 lacs. /annum |
| | **Details of UGT tanks if any :** | i) 2 numbers tank of water with capacity –500 m3 |
| **26.Storm water drainage** | **Natural water drainage pattern:** | Proper and separate storm water drains will be provided as per natural slopes. |
| | **Quantity of storm water:** | 515.2 m3/hr. |
| | **Size of SWD:** | 212.1 lit/sec. |

| | | |
|---|---|---|
| **27.Sewage and Waste water** | **Sewage generation in KLD:** | Total: 8 CMD |
| | **STP technology:** | Combined treatment of domestic waste water in ETP. |
| | **Capacity of STP (CMD):** | Not Applicable |
| | **Location & area of the STP:** | Not Applicable |
| | **Budgetary allocation (Capital cost):** | Not Applicable |
| | **Budgetary allocation (O & M cost):** | Not Applicable |

## 28.Solid waste Management

| | | |
|---|---|---|
| **Waste generation in the Pre Construction and Construction phase:** | **Waste generation:** | Not Applicable |
| | **Disposal of the construction waste debris:** | Excavated Soil will be used for land filling. |
| **Waste generation in the operation Phase:** | **Dry waste:** | Hazardous Waste: • Discarded drums and containers = 2400 Nos./A; • Contaminated Polyethylene bags/liners = 1.5 TPA; • Non-Hazardous Waste: Non Contaminated Polyethylene Bags = 4.0 TPA; Paper Bags = 1.5 TPA; MS/SS Metal Scrap HDPE/FRP/PP Scrap = 35 TPA |
| | **Wet waste:** | Hazardous Waste: • ETP Sludge– 300 TPA; • MEE salts – 4980 TPA; • Spent Carbon from ETP – 65 TPA; • Spent Carbon from process – 15.12 TPA; • Spent Catalyst from process – 25.44 TPA; • Spent solvent from process – 2880 TPA; • Residue from Process – 1200 TPA |
| | **Hazardous waste:** | Hazardous Waste: • ETP Sludge– 300 TPA; • MEE salts – 4980 TPA; • Spent Carbon from ETP – 65 TPA; • Spent Carbon from process – 15.12 TPA; • Spent Catalyst from process – 25.44 TPA; • Spent solvent from process – 2880 TPA; • Residue from Process – 1200 TPA; • Discarded drums and containers = 2400 Nos/A; • Contaminated Polyethylene bags/liners = 1.5 TPA; Non-Hazardous Waste: • Non Contaminated Polyethylene Bags = 4.0 TPA; • Paper Bags = 1.5 TPA; • MS/SS Metal Scrap HDPE/FRP/PP Scrap = 35 TPA |
| | **Biomedical waste (If applicable):** | Not Applicable |
| | **STP Sludge (Dry sludge):** | Not Applicable |
| | **Others if any:** | • E - Waste – 0.2 TPA; • Battery Waste - 0.2 T/A |
| **Mode of Disposal of waste:** | **Dry waste:** | Sale to authorized party |
| | **Wet waste:** | CHWTSDF/Sale to authorized party /To authorized party for Regeneration |
| | **Hazardous waste:** | CHWTSDF/Sale to authorized party /To authorized party for Regeneration |
| | **Biomedical waste (If applicable):** | Not Applicable |
| | **STP Sludge (Dry sludge):** | Not Applicable |
| | **Others if any:** | Sale to authorized dismantlers/Recyclers. |
| **Area requirement:** | **Location(s):** | Manufacturing area and administration, raw material and finished goods storage area, Utility area, Parking area, Hazardous waste storage, Open space & internal roads, ETP, MEE & Green belt area. |
| | **Area for the storage of waste & other material:** | • Raw material/ Finished Good Storage Area – 850.47 Sq. m (Ground coverage); • Hazardous Waste Storage Area – 45.00 Sq.m |
| | **Area for machinery:** | 4210.68 Sq.m |
| **Budgetary allocation (Capital cost and O&M cost):** | **Capital cost:** | 1.0 Lacs. |
| | **O & M cost:** | 550.00 Lacs/A |

## 29.Effluent Charecterestics

| Serial Number | Parameters | Unit | Inlet Effluent Charecterestics | Outlet Effluent Charecterestics | Effluent discharge standards (MPCB) |
|---|---|---|---|---|---|
| 1 | pH | -- | 7.0 - 7.5 | 7.0 - 7.5 | 6.5- 8.5 |
| 2 | COD | mg/lit | 3000 - 4000 | <250 | <250 |
| 3 | BOD3, 27ºC | mg/lit | 1500 - 2000 | <100 | <100 |
| 4 | TSS | mg/lit | 100 - 200 | <100 | <100 |
| 5 | TDS | mg/lit | 1200 - 1300 | <2100 | <2100 |

| | |
|---|---|
| Amount of effluent generation (CMD): | Industrial - 298.4 CMD; Domestic - 8.0 CMD |
| Capacity of the ETP: | 388.00 CMD |
| Amount of treated effluent recycled : | No water will be recycled. |
| Amount of water send to the CETP: | 323.00 CMD |
| Membership of CETP (if require): | Yes |
| Note on ETP technology to be used | High COD & TDS stream from process will be treated in Multiple Effect Evaporator (MEE). MEE condensate along with utility blow downs will be treated in full-fledged ETP. Domestic wastewater will also be treated in secondary as a combined treatment. After tertiary treatment effluent will be discharged to CETP. |
| Disposal of the ETP sludge | CHWTSDF |

## 30.Hazardous Waste Details

| Serial Number | Description | Cat | UOM | Existing | Proposed | Total | Method of Disposal |
|---|---|---|---|---|---|---|---|
| 1 | Residue from Process | 28.1 | TPA | Not Applicable | 1200 | 1200 | Sale to authorized party /CHWTSDF |
| 2 | ETP Sludge | 35.3 | TPA | Not Applicable | 300 | 300 | To CHWTSDF |
| 3 | MEE salts | 35.3 | TPA | Not Applicable | 4980.0 | 4980.0 | To CHWTSDF |
| 4 | Spent Carbon from ETP | 35.3 | TPA | Not Applicable | 65.00 | 65.00 | To CHWTSDF |
| 5 | Spent Carbon from process | 28.3 | TPA | Not Applicable | 15.12 | 15.12 | To CHWTSDF |
| 6 | Spent Catalyst from process | 28.2 | TPA | Not Applicable | 25.44 | 25.44 | Regenerate from authorised party |
| 7 | Spent Solvent from process | 28.6 | TPA | Not Applicable | 2880 | 2880 | Sale to authorized party/CHWTSDF |
| 8 | Discarded drums & containers | 33.1 | Nos./A | Not Applicable | 2400.00 | 2400.00 | Sale to authorised party for reuse |
| 9 | Contaminated Polyethylene bags/liners | 33.1 | TPA | Not Applicable | 1.5 | 1.5 | To CHWTSDF |
| 10 | Other Waste | -- | -- | -- | -- | -- | -- |
| 11 | E-waste | Not Specified | TPA | Not Applicable | 0.2 | 0.2 | Sale to authorized dismantlers/Recyclers |
| 12 | Battery Waste | Not Specified | TPA | Not Applicable | 0.2 | 0.2 | Sale to authorized dismantlers/Recyclers |
| 13 | Non-Hazardous Waste Details | -- | -- | -- | -- | -- | -- |
| 14 | Non-contaminated polyethylene bags | Not Specified | TPA | Not Applicable | 4 | 4 | Reuse/sale to authorized party |
| 15 | Paper Bags | Not Specified | TPA | Not Applicable | 1.5 | 1.5 | Sale to authorized party |
| 16 | MS/SS Metal Scrap HDPE/FRP/PP Scrap | Not Specified | TPA | Not Applicable | 3.5 | 3.5 | Sale to authorized party |

## 31.Stacks emission Details

| Serial Number | Section & units | Fuel Used with Quantity | Stack No. | Height from ground level (m) | Internal diameter (m) | Temp. of Exhaust Gases |
|---|---|---|---|---|---|---|
| 1 | Boiler - 5 TPH (Proposed) | Briquette 30.00 TPD / Furnace oil 13 TPD for both boilers | 1 | 45.0 (Combine stack for both boilers) | 0.6 | 125°C |
| 2 | Boiler - 5 TPH (Proposed) | Briquette 30.00 TPD / Furnace oil 13 TPD for both boilers | 1 | 45.0 (Combine stack for both boilers) | 0.6 | 125°C |
| 3 | Thermopac – 1000000 Kcal./hr. (Proposed) | Furnace Oil 2.2 TPD | 1 | 30.0 | 0.4 | 130°C |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | DG Set – 1500 KVA 3 nos. (Proposed) | HSD, 1000 lit/hr. | 1 | 30.0 | 0.2 | 140°C |

## 32.Details of Fuel to be used

| Serial Number | Type of Fuel | Existing | Proposed | Total |
|---|---|---|---|---|
| 1 | Briquette | Not Applicable | 30.0 TPD | 30.0 TPD |
| 2 | Furnace oil | Not Applicable | 15.2 TPD | 15.2 TPD |
| 3 | HSD | Not Applicable | 1000.0 lit/hr. | 1000.0 lit/hr. |
| 33.Source of Fuel | | Local & Imported | | |
| 34.Mode of Transportation of fuel to site | | By Road | | |

## 35.Energy

| | | |
|---|---|---|
| **Power requirement:** | **Source of power supply :** | MSEDCL |
| | **During Construction Phase: (Demand Load)** | 100 KW |
| | **DG set as Power back-up during construction phase** | Not Applicable |
| | **During Operation phase (Connected load):** | 2800 KW |
| | **During Operation phase (Demand load):** | 2100 KW |
| | **Transformer:** | 2500 KVA |
| | **DG set as Power back-up during operation phase:** | Proposed: 3 DG sets – 1500 KVA each |
| | **Fuel used:** | HSD |
| | **Details of high tension line passing through the plot if any:** | No high tension lines are passing through the plot |

## Energy saving by non-conventional method:

Aastrid will provide solar panel system on parking area 1&2. Electricity of 45kW generated from these solar panels will be used to illuminates Street light and admin building.

## 36.Detail calculations & % of saving:

| Serial Number | Energy Conservation Measures | Saving % |
|---|---|---|
| 1 | Solar Power | 2% |

## 37.Details of pollution control Systems

| Source | Existing pollution control system | Proposed to be installed |
|---|---|---|
| Air | Not Applicable | Multicyclone followed by bag filter & stacks for heating unit & scrubbers |
| Water | Not Applicable | Multi Effect Evaporator & Effluent Treatment Plant |
| Noise | Not Applicable | Acoustic encl./ Ant vibration pads |

| | | |
|---|---|---|
| Solid Waste | Not Applicable | Disposal to CHWTSDF |

| | | |
|---|---|---|
| **Budgetary allocation (Capital cost and O&M cost):** | **Capital cost:** | 90.8 Lacs |
| | **O & M cost:** | 1.0 Lac/A |

## 38.Environmental Management plan Budgetary Allocation

### a) Construction phase (with Break-up):

| Serial Number | Attributes | Parameter | Total Cost per annum (Rs. In Lacs) |
|---|---|---|---|
| 1 | Dust | Air Pollution | 1.0 |
| 2 | Debris | Solid Waste | 1.0 |
| 3 | Construction equipment | Noise Pollution | 0.5 |

### b) Operation Phase (with Break-up):

| Serial Number | Component | Description | Capital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) |
|---|---|---|---|---|
| 1 | Air pollution control | Provision of Bag filter & Stacks for heating units & Scrubbers | 45.00 | 10.00 |
| 2 | Water pollution control | Multi Effect Evaporator & Effluent Treatment Plant | 366.00 | 543.00 |
| 3 | Noise pollution Control | Acoustic encl./ Ant vibration pads | 45.0 | 7.0 |
| 4 | Occupational health | Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment | 25.00 | 3.00 |
| 5 | Environmental Monitoring budget | Environmental Monitoring | -- | 2.09 |
| 6 | Hazardous waste Storage & disposal | Storage, Transportation and disposal | 1.0 | 550.00 |
| 7 | Mitigation Measures for LCA | Installation of solar Panels | 90.8 | 1.0 |
| 8 | Green belt | Development & Maintenance | 18.00 | 4.00 |
| 9 | Carbon Footprint Monitoring (Measures taken to reduce carbon footprint) | 1) Installation of solar Panels* for reduction of consumption of electricity which indirectly reduce carbon footprint. 2) Tree plantation*, 3) Reduction of fuel consumption by using well efficient insulation to heating equipment. | 1.2 | 0.015 |

| | | | | |
|---|---|---|---|---|
| 10 | Water Footprint Monitoring (Measures taken to reduce water footprint) | 1) Rain water harvesting & use of rain water in utilities & domestic 2) Regular maintenance of equipment's to reduce wastage of water due to leaks | 21.0 | 5.52 |
| 11 | Total | - | 573.00 | 1125.625 |

## 39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

| Description | Status | Location | Storage Capacity in MT | Maximum Quantity of Storage at any point of time in MT | Consumption / Month in MT | Source of Supply | Means of transportation |
|---|---|---|---|---|---|---|---|
| Methanol | Liquid | CCOE TANK FARM AREA | 20 T | 16 | 610 | Local | By Road |
| Methylene Dichloride | Liquid | CCOE TANK FARM AREA | 20 T | 12 | 4 | Local | By Road |
| Toluene | Liquid | CCOE TANK FARM AREA | 20 T | 12 | 115 | Local | By Road |
| Acetic Acid | Liquid | CCOE DRUM STO. AREA | 35 Lit | 1.75 | 2 | Local | By Road |
| Acetic Anhydride | Liquid | CCOE DRUM STO. AREA | 35 Lit | 0.4 | 20 | Local | By Road |
| Bromine | Liquid | CCOE DRUM STO. AREA | 18 Lit | 1.44 | 20 | Local | By Road |
| Benzyl Cynide | Liquid | CCOE DRUM STO. AREA | 200 Lit | 8.0 | 5 | Local | By Road |
| Chlorine Gas | Gas | NEAR MFG. AREA | 100 m3 | 4.0 | 6 | Local | By Road |
| Chlorine Gas (Tonner) | Gas | NEAR ETP AREA | 900 m3 | 27.0 | 2000 | Local | By Road |
| Chloro Acetone | Liquid | CCOE DRUM STO. AREA | 200 Lit | 5.0 | 4 | Local | By Road |
| Chloroform | Liquid | CCOE DRUM STO. AREA | 250 Lit | 25.0 | 50 | Local | By Road |
| Di Methyl Formamide (DMF) | Liquid | CCOE DRUM STO. AREA | 190 Lit | 3.8 | 20 | Local | By Road |
| Ethyl Acetate | Liquid | CCOE DRUM STO. AREA | 190 Lit | 15.2 | 80 | Local | By Road |
| Ethylene Di Chloride (EDC) | Liquid | CCOE DRUM STO. AREA | 250 Lit | 12.5 | 55 | Local | By Road |
| Hydrogen Gas Cylinder | Gas | NEAR MFG. AREA 1 | 5.7 m3 | 9.12 | 50 | Local | By Road |
| Hydrogen Gas Cylinder Trolley | Gas | NEAR MFG. AREA 1 | 7.2 m3 | 43.2 | 85 | Local | By Road |
| Hydrogen Peroxide | Liquid | CCOE DRUM STO. AREA | 30 Lit | 1.5 | 610 | Local | By Road |
| Liquor Ammonia (Cylinder) | Gas | CCOE DRUM STO. AREA | 200 m3 | 5.0 | 4 | Local | By Road |
| Pyridine | Liquid | CCOE DRUM STO. AREA | 200 Lit | 3.0 | 2 | Local | By Road |

## 40.Any Other Information

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| No Information Available |

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| | **CRZ/ RRZ clearance obtain, if any:** | Not Applicable |
| | **Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries** | No such areas within 10 km radius circle. |
| | **Category as per schedule of EIA Notification sheet** | 5 (f) B1 |
| | **Court cases pending if any** | Not Applicable |
| | **Other Relevant Informations** | Not Applicable |
| | **Have you previously submitted Application online on MOEF Website.** | Yes |
| | **Date of online submission** | 09-07-2018 |

**3. The proposal has been considered by SEIAA in its 165th 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:**

**Specific Conditions:**

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| **I** | PP to prepare protocol/SOP for the storage, handing and use of the Nitromethane. |
| **II** | PP to submit On-Site Emergency Plan to the District Authorities. |
| **III** | PP to plant domestic/indigenous species of trees in the green belt. |
| **IV** | PP to inlcude monitoring of water and carbon foot print in the EMP. |
| **V** | PP to prepare and implement CER plan in consultation with the District Collector with timelines as per OM issued by MoEF&CC dated 01.05.2108. |
| **VI** | PP to use new and renewable energy source for illumination of street lights and office building. |
| **VII** | PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF&CC dated 9th August, 2018. |
| **VIII** | PP to prepare and implement CER plan in consultation with the District Collector with timelines as per OM issued by MoEF&CC dated 01.05.2108. |

**General Conditions:**

| | |
|---|---|
| **I** | (i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP. |
| **II** | No additional land shall be used /acquired for any activity of the project without obtaining proper permission. |
| **III** | PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment. |
| **IV** | Proper Housekeeping programmers shall be implemented. |
| **V** | In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve. |
| **VI** | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable). |
| **VII** | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water. |
| **VIII** | Arrangement shall be made that effluent and storm water does not get mixed. |
| **IX** | Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board. |
| **X** | 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. |

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| **XI** | The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989. |
| **XII** | Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept. |
| **XIII** | Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning. |
| **XIV** | Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. |
| **XV** | (The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. |
| **XVI** | The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes. |
| **XVII** | 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. |
| **XVIII** | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. |
| **XIX** | 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 |
| **XX** | 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 |
| **XXI** | 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. |
| **XXII** | 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. |
| **XXIII** | 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. SO2, 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. |
| **XXIV** | 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. |
| **XXV** | 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. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.**

**6. The Environment department reserves the right to add any stringent condition or 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.**

**7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.**

**8. 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.**

**9. 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.**

**10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.**

**Shri. Anil Diggikar (Member Secretary SEIAA)**

**Copy to:**

**1.** SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
**2.** SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
**3.** SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
**4.** SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
**5.** SECRETARY MOEF & CC
**6.** IA- DIVISION MOEF & CC
**7.** MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
**8.** REGIONAL OFFICE MOEF & CC NAGPUR
**9.** REGIONAL OFFICE MPCB RAIGAD
**10.** REGIONAL OFFICE MIDC RAIGAD
**11.** MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
**12.** COLLECTOR OFFICE RAIGAD

## Present Status of Project:

**1)** We have published the advertisement of the obtained Environmental Clearance in the local newspaper "Dainic Loksatta" in Marathi and "Daily Indian Express" in English language on 11th May 2019 within seven days of getting EC. Copy of Environmental Clearance is enclosed as an **Annexure A**.

**2)** We have received the Consent to Operate from MPCB with No. Format1.0/CC/UAN No. 0000123206/CO-2111000838 dated 22.11.2021 valid upto 31.10.2026. Copy of same CTO is enclosed as an **Annexure B.**

**3)** This is the new project and Aastrid has completed the phase –I and now production has just commenced. Photographs of the admin, QA & QC building, utility building, occupational health center, warehouse, manufacturing unit, ETP, MEE, RO, STP plant, & solar panel are enclosed as an **Annexure C**. Aastrid yet not planning for the phase –II.

| **Point-wise compliance to the environmental clearance conditions given in the letter no. SEIAA-EC-0000001492 dated May 07, 2019.** | | |
|---|---|---|
| **Sr. No.** | **EC Compliance Conditions** | **Compliance** |
| | **Specific Conditions** | |
| 1. | PP to prepare protocol/SOP for the storage, handing and use of the Nitromethane. | We have prepared Protocol/ SOP for the storage, handling and use of Nitromethane. The SOP is enclosed as an **Annexure-I.** |
| 2. | PP to submit On-Site Emergency Plan to the District Authorities. | Onsite Emergency Plan has been submitted to the District Authorities at Collector office of Raigad. On-Site Emergency Plan along with acknowledgment copy of the same and is attached as an **Annexure –II** |
| 3. | PP to plant domestic/indigenous species of trees in the green belt. | We have committed to develop green belt of indigenous species of trees. The list of domestic/indigenous species of trees and photographs of the green belt which is already planted inside the premises of the project is enclosed as **Annexure-III** |
| 4. | PP to include monitoring of water and carbon foot print in the EMP. | Water and Carbon footprint monitoring in the EMP is incorporated. The capital cost for water foot print monitoring is 1.2 lakhs & O&M cost is 0.015 same for carbon foot print monitoring we have cost of Rs.18 lakhs & O & M cost is Rs. 4.0 Lakhs per year. |
| 5. | PP to prepare and implement CER plan in consultation with the District Collector with timelines as per OM issued by MoEF & CC dated 01.05.2108. | The CER plan has submitted to the District Collector for approval. The approved CER plan is enclosed as an **Annexure IV.** |
| 6. | PP to use new and renewable energy source for illumination of street lights and office building. | Solar panel system is installed at project site which generate 125 KW power. This electricity is used for illumination of Office building and street light. The Photographs of the solar panel system are enclosed as **Annexure-V** |

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| 7. | PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018. | A separate compliance matrix of the conditions stipulated in the Office Memorandum is sued by MoEF & CC dated 9th August 2018 has been prepared and presented in the subsequent pages. |
| | **General Conditions** | |
| 1. | PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP. | The Unit has already achieved zero liquid discharge. |
| 2. | No additional land shall be used /acquired for any activity of the project without obtaining proper permission. | No additional land has been acquired for any activity of the project without obtaining proper permission. |
| 3. | PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment. | Various measures have been undertaken for the health and safety of the people working in the unit and also for protecting the environment such as establishment of the occupational health center, provision of the first aid box at various locations, Checkup room provision of safety shower, eye washer and Firefighting system & Sprinkler provided at various locations.<br>Also, various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others are provided to the personnel working in the premises of the factory. |
| 4. | Proper Housekeeping programmers shall be implemented. | Housekeeping is maintained within premises to give aesthetic look and to boost morale of the people. |
| 5. | 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. | In the event of incidental failure of any pollution control system adopted by the unit, the unit will be immediately put out of operation and will not be restarted until the desired efficiency has been achieve. |
| 6. | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable). | Adequate common stack height of 8 m above the encloser is provided for 1 No. of D.G set of 810 KVA. |

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| 7. | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water. | It is expected for generation of rain water from roof top area as 13694 $m^3$/season. Aastrid will provide rain water collection tank of capacity 350 KL and it will have implemented shortly. The harvested water will be used for toilet-urinal flushing and for cooling tower make-up. The harvested rain water will not be used for recharging as there are restrictions by MIDC for boring in industrial areas. |
| 8. | Arrangement shall be made that effluent and storm water does not get mixed. | To avoid mixing wastewater with storm water separate closed pipelines from the source of generation to ETP is provided. Separate drains are provided for storm water. |
| 9. | 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. | Periodic ground water monitoring is not applicable as project is in specified MIDC area. |
| 10. | 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. | The ambient noise monitoring was carried out and the noise levels ranged from min. 69.3 dB (A) to max. 71.2 dB (A) near the utility area and min. 66.4 dB (A) to max 68.3 dB (A) near boiler house during day time. Noise levels ranged from min. 59.1 dB (A) to max. 62.3 dB (A) near DG area and min. 59.0 dB (A) to max 65.3 dB (A) near boiler house during night time. All the noise monitoring results were found to be within the stipulated limit for the industrial area (75 dB (A)) as promulgated by CPCB. Noise levels will be maintained by carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper lubrications, and by (d) providing required ear muffs/ear plugs for protection of hearing. |

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| 11. | 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. | Noise levels are being kept under control by carrying out (a) periodical preventive maintenance of equipment and machineries, (b) providing vibration absorption pads, (c) providing proper lubrications. A survey of Noise level in the study area will be carried out once in a year to ensure that the noise levels are within stipulated standards prescribed under Environment (Protection) Act, 1986 Rules, 1989. Monitoring reports attached as an **Annexure VI.** |
| 12. | 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. | Total green belt area provided is 7699.79 sq. m, which is 33% of total plot area. Plants are selected as per CPCB guideline and consultation with the local DFO/ Agriculture Department. The photograph of green belt which is developed at project site are enclosed as **Annexure –III** |
| 13. | 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. | We have provided various safety measures on site to avoid any accident.<br>Separate SOP is available for Accident/ Incident control. An onsite emergency plan is available. All safety installations at places available. Equipment testing done as per factory act by concern personnel.<br>Regular Mock drills are being conducted. Safety Training is being imparted from time to time to all concerns. An adequate firefighting system is being provided. Safety audits is being done as per requirement. Leak detection system provided for early detection and warning at strategic places. VOC (volatile organic carbon) detection meter is available at site to detect various gases at work place. Oxygen meter is available at site to monitor oxygen level in confined space & to detect leakages. Photographs of the leak detector have |

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| | | been already submitted in previous report. The latest mock drill report is enclosed as an **Annexure- VII** |
| 14. | Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. | The medical check of all employees & workers including contract people is being done as per Factory Act. The frequency of medical check is yearly. And record is being maintained. The Form No. VII is enclosed as an **Annexure-VIII** We have Occupational Health care center at our factory The Photograph of same is enclosed as **Annexure-IX** |
| 15. | The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. | Adequate provisions have been undertaken to limit the risk zone within the plant boundary for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit, etc. are available. A total of 81 nos. of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. |
| 16. | 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. | We have valid authorization from MPCB for collections/ treatment/ storage/ disposal of hazardous wastes. We are strictly complying with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous and Other Waste (Management and Transboundary movement) Rules, 2016. The valid membership letter of Mumbai Waste Management Limited is attached as an **Annexure X** |
| 17. | Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements | Regular mock drills for the on-site emergency management plan are being conducted. Implementation of changes / improvements in the |

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| | required, if any, in the on-site management plan shall be ensured. | on-site management plan will be updated from time to time. The latest mock drill report is enclosed as an **Annexure-VII** |
| 18. | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. | A separate Environmental Cell at project level is arranged qualified personnel under the control of EHS head, who will directly be reporting to the head operations of the organization for implementation of the stipulated environmental safeguards.<br>A separate environmental management cell is established and the same is enclosed as **Annexure-XI** |
| 19. | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with<br>item-wise breaks-up. This 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 | Separate funds are allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs are included as part of the project cost. The funds earmarked for the environmental protection measures will not be diverted for other purposes and year-wise expenditure shall be reported to the MPCB & this department.<br>EMP cost breakup is enclosed as **Annexure-XII** |
| 20. | 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 | The advertisement related to the accord of the environmental clearance was published in two newspapers. Advertisement in English newspaper “Daily Indian Express", and Marathi newspaper "Dainik Loksatta" had been given & the same was published on 11th May 2019, i.e., within seven days from date of issue of EC. Copy already submitted in 1st half compliance report. |
| 21. | Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard | Project proponent is submitting 8th half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions |

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| | & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year. | in soft copies through mail to the following regulatory agencies:<br>RO MoEF &CC, RO CPCB, RO MPCB & SRO MPCB. Hard copies of same compliance are submitting to RO, SRO & Environment department, Government of Maharashtra. |
| 22. | 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. | 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 was not shared with them.<br>Copy of Environmental clearance letter is already uploaded on company website.<br>Website : www.astridlifesciences.com |
| 23. | 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. SO2, NOx (ambient levels as well as stack emissions) or critical sectorai parameters,<br>indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | We have already uploaded the EC letter on the company website. Status of compliance of the stipulated EC conditions, including results of monitored data on Aastrid website and will be updated regularly. The pollutant levels namely, SPM, RSPM, $SO_2$, $NO_X$ (ambient levels as well as stack emissions) will be monitored and displayed at an entrance (the main gate) of the company. |
| 24. | 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. | We are submitting the 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 (a) the Regional Office of MoEF, (b) the Zonal Office of (i) CPCB and (ii) the SPCB. |

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| 25. | 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. | The environmental statement for the financial year ending 31st March 2023 was submitted on 30.09.2023 online on the MPCB web portal as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently once the project gets commissioned.<br>Form-V is enclosed as **Annexure- XIII** |
| 26. | 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. | Noted for information |
| 27. | In case of submission of false document and non-compliance of stipulated conditions, Authority/Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986. | Noted and agreed |
| 28. | The Environment department reserves the right to add any stringent condition or 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. | Noted and agreed |
| 29. | Validity of Environment Clearance: The environmental clearance accorded shall be valid as | Noted and agreed |

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| | per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015. | |
| 30. | 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. | Noted and agreed |
| 31. | 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. | The latest valid PLI copy is enclosed as **Annexure – XIV** |
| 32. | Any appeal against this Environment 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. | Noted and agreed |

**Point wise compliance of the standard EC compliance conditions stipulated for the synthetic organic conditions vide MoEF & CC's Office Memorandum dated 9th August 2018**

| I | Statutory compliance | Compliance |
|---|---|---|
| **i)** | The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project. | Not applicable as no forest land involved in the project site. |
| **ii)** | The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. | Not applicable as no schedule-1 species were reported in the study area. |
| **iii)** | The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area) | Not applicable as no schedule -1 species were reported in the study area. |
| **iv)** | The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee | Aastrid has obtained the Consent to Operate vide MPCB document no. Format 1.0/BO/CC/UAN No. 0000123206/CO-2111000838 dated 22/11/2021 and valid till 31/10/2026. The copy of CTO is enclosed as an **Annexure A.** |
| **v)** | The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time. | Aastrid has obtained membership of MWML and the same is enclosed as an **Annexure X.** |
| **vi)** | The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous | Aastrid is strictly complying with the rules and guidelines under Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as |

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| | Chemicals shall be as per the Motor Vehicle Act (MVA), 1989 | amended from time to time. All the transportation of Hazardous Chemicals is as per the Motor Vehicle Act (MVA), 1989 |
| **II** | **Air quality monitoring and preservation** | |
| **i)** | The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. | Aastrid will install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers. |
| **ii)** | The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. | Fugitive emissions testing carried out in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986. The workplace reports are enclosed as Annexure -VI |
| **iii)** | The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions. | The ambient air quality monitoring for common/criterion parameters was carried out at one location in the plant area and three locations outside the plant area at an angle of 120° each.<br>The ranges of some of the parameters are as under:<br>All the parameters were found to be within the respective stipulated NAAQS standards. The detailed results are enclosed as an **Annexure VI.** |
| **iv)** | To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the | Aastrid is using Briquette/LDO as a fuel in the boilers instead of coal. Bag filter, |

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| | prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines. | Air pre heater, mechanical dust collector is installed to controlling the particulate emission form the Boiler. Adequate stack of 30 m height is provided as per CPCB/SPCB guidelines. Process scrubbers are installed to scrub gases arising from manufacturing processes. |
| **v)** | Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions. | The raw materials have been stored in the storage tanks and drums. |
| **vi)** | National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed | The National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time is being followed in the context of effluent standards. The emissions standards as per the aforesaid G.S.R is not applicable to us as we don't have onsite incinerator. |
| **vii)** | The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with. | The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 is being complied with. The environmental monitoring reports are enclosed as **Annexure-VI.** |
| **III** | **Water quality monitoring and preservation** | |
| **i)** | The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD). | The project proponent has already provided online continuous monitoring of effluent, the unit will install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. The screenshot of the parameters monitored |

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| | | through the online monitoring system is enclosed as **Annexure –XV** |
| **ii)** | As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).<br><br>The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent. | High COD & TDS stream from process is being treated in Multiple Effect Evaporator (MEE). MEE condensate along with utility blow downs is being treated in full-fledged ETP. After tertiary treatment effluent is being fed to the RO. RO permeate is reused for utility purpose and RO reject is being fed to the MEE for further treatment. Thus the unit is a ZLD. Domestic sewage is being treated in STP. |
| **iii)** | Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard. | The total fresh water requirement is 617 CMD and the actual water requirement is not exceeding the total fresh water requirement as per the EC. The MIDC water bills are enclosed as **Annexure-XVI.** |
| **iv)** | Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system. | There is no mixing of the process effluent with storm water. Separate drains and conveyance systems has been provided for the process effluent / waste water and the storm water. |
| **v)** | The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant | It is expected for generation of rain water from roof top area as 13694 $m^3$/season. Aastrid has provided rain water collection tank. It will be utilized for different industrial operations within the plant. The harvested rain water will not be used for recharging as there are restrictions by MIDC for boring in industrial areas. Internal Storm water drains has been |

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| | | connected to MIDC drains. Photograph is enclosed as **Annexure XVII** |
| **vi)** | The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard. | Adequate stack height of 8 m above the enclosure is provided for 1 No of D.G set of 810 KVA. |

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| **IV** | **Noise monitoring and prevention** | |
| **i)** | Acoustic enclosure shall be provided to DG set for controlling the noise pollution. | Acoustic enclosures for the D.G set have been provided for controlling the noise pollution. |
| **ii)** | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation | Noise levels in and around the plant area are kept well within the standards. Control measures including acoustic hoods, silencers, enclosures etc. are provided for all sources of noise generation. |
| **iii)** | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time. | The ambient noise monitoring was carried out and the noise levels ranged from min. 69.3 dB (A) to max. 71.2 dB (A) near the utility area and min. 66.4 dB (A) to max 68.3 dB (A) near boiler house during day time. Noise levels ranged from min. 59.1 dB (A) to max. 62.3 dB (A) near DG area and min. 59.0 dB (A) to max 65.3 dB (A) near boiler house during night time. All parameters were found to be within the stipulated limit for the industrial area (75 dB(A))-daytime and 70 dB(A) during night time as promulgated by CPCB. The monitoring report is enclosed as **Annexure- VI.** |
| **V.** | **Energy Conservation measures** | |
| **i)** | The energy sources for lighting purposes shall preferably be LED based. | The energy sources used for lighting purposes are LED based. |
| **VI** | **Waste management** | |
| **i)** | Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps. | The hazardous chemicals are being stored in tanks, drums, carboys etc. Flame arresters are already provided on tank farm and the solvent transfer is done through pumps. |

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| **ii)** | Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. | Process organic residue and spent carbon, ETP sludge, process inorganic & evaporation salt is being disposed off to the TSDF. The valid membership letter from CHWTSDF is attached as an **Annexure X.** |
| **iii)** | The company shall undertake waste minimization measures as below: | |
| | Metering and control of quantities of active ingredients to minimize waste. | Generated hazardous waste stored in shed and monitoring of the record of the same and the Metering and control of quantities of active ingredients to minimize waste and Reuse of by-products from the process as raw materials or as raw material substitutes in other processes in being carried out. |
| | Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. | |
| | Use of automated filling to minimize spillage. | Seal proof pumps are provided to transfer liquid raw materials. |
| | Use of Close Feed system into batch reactors. | Raw material charging is done through Close Feed system into batch reactors for waste minimization. |
| | Venting equipment through vapor recovery system | Primary and secondary condensers are provided to each recovery unit. |
| | Use of high pressure hoses for equipment clearing to reduce wastewater generation | All reactor floors is already provided with high pressure water gun for leaning of reactors and equipment. |
| **VII** | **Green Belt** | |
| **i)** | The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department | Total green belt will be developed on 7699.79 sq. m, which is 33% of total plot area. Plants are selected as per CPCB guidelines in consultation with State Forest Department. Please refer **Annexure –III** |
| **VIII** | **Safety, Public hearing and Human health issues** | |

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| **i)** | Emergency preparedness plan based on the Hazard identification and Risk Assessment (H1RA) and Disaster Management Plan shall be implemented | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is being implemented. Refer to **Annexure-II** |
| | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms | In material handling the unit is being arranged to protect it from potential fire hazards during the production process. Firefighting system is already provided as per the norms. |
| **ii)** | The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act. | Various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others is Provided as per factory act to the personnel working in the premises of the factory. |
| **iii)** | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted. | Training has been imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees are being undertaken on regular basis. The Form-7 is enclosed as **Annexure –VIII** |
| **iv)** | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | Adequate provisions were made for the construction labor within the site such as mobile toilets, safe drinking water etc. among other necessary arrangements. |
| **v)** | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | Occupational health surveillance of the workers is being done on a regular basis and records is being maintained as per the |

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| | | Factories Act once the project is commissioned. |
| **vi)** | There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places. | There is adequate space provided inside the plant premises totaling to 2787.36 Sq. m for parking of vehicles for raw materials and finished products, and no parking is allowed outside on public places. |
| **IX)** | **Corporate Environment Responsibility** | |
| **i)** | The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.111 dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. | Aastrid is complying with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.111 dated 1st May 2018 regarding Corporate Environmental Responsibility. The CER plan has submitted to District Collector for the approval and acknowledgment of the same is attached as an **Annexure IV.** |
| **ii)** | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report | Aastrid has well laid down EHS policy. |
| **iii)** | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization | The organogram of the Environmental Management Cell has been enclosed as an **Annexure XI**. |

| | | |
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| **iv)** | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report. | The organogram of the Environmental Management Cell has been enclosed as an **Annexure XI**. The year wise progress of implementation of action plan will be reported to the Ministry/Regional Office. This is the 8th half six monthly compliance report being submitted to the Ministry/Regional Office. |
| **v)** | Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. | Self-Environmental audit will be conducted annually and every three years environmental audit will be got conducted by third party. |
| **X)** | **Miscellaneous** | |
| **i)** | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. | The advertisement related to the accord of the environmental clearance had been published in two newspapers. Advertisement in English newspaper “Daily Indian Express", and Marathi newspaper "Dainik Loksatta" given & the same was published on 11th May 2019, i.e., within seven days from date of issue of EC. |
| **ii)** | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt | 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 was not shared with them |

| | | |
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| **iii)** | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. | This is the 8th half six monthly compliances being submitted. The status of compliance is being updated on company website periodically. |
| **iv)** | The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company. | This is the 8th half yearly EC compliance will submit. The status of compliance is being updated on company website periodically. The 8th six monthly compliance is being submitted to Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The detailed analysis results of the environmental monitoring are enclosed as an **Annexure VI.** The production has just started and monitoring was done at project site before the starting of the operation. |
| **v)** | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. | Noted for compliance. We are submitting six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. |
| **vi)** | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. | The environmental statement for the financial year ending 31st March 2023 in Form-V is submitted by the project proponent to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. |
| **vii)** | The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and | Noted and agreed. |

| | | |
|---|---|---|
| | final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project. | |
| **viii)** | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government | Noted and agreed. |
| **ix)** | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. | Noted and agreed. We will abide by all the commitments and recommendations made in the EIA/EMP report, Public hearing is not applicable for this project as it is located in the Notified Industrial area and is subsequently categorized as "B1" which was appraised at state level by SEAC-1. |
| **x)** | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). | Noted and agreed. |
| **xi)** | Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. | Noted and agreed. |
| **xii)** | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | Noted and agreed |
| **xiii)** | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. | Noted for information and agreed. |
| **xiv)** | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. | Noted and agreed |

| | | |
|---|---|---|
| **xv)** | The above conditions shall be enforced, inter- alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. | The latest valid PLI copy is enclosed as Annexure-XIV |
| **xvi)** | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. | Noted for information. |

## LIST OF ANNEXURES

| Sr.No | Title of Annexure |
|---|---|
| 1. | SOP for the storage, handling and use of Nitromethane |
| 2. | Onsite Emergency Plan |
| 3. | Green Belt Photographs |
| 4. | CER Letter |
| 5. | Solar Panel Photographs |
| 6. | Monitoring Reports |
| 7. | Mock drill report |
| 8. | EMP Cost Breakup |
| 9. | Occupational Health Centre |
| 10. | Valid MWML Certificate |
| 11. | Environment Management Cell |
| 12. | EMP Cost Details. |
| 13 | Form V |
| 14 | Public Liability Insurance |
| 15. | OCMS Details |
| 16. | Valid Public Liability Insurance Policy |
| 17. | OCMS details |
| 18. | MIDC Water Bills |
| 19. | Form IV |

# Annexure –I

SOP for the storage, Handling and use of Nitromethane

**Standard Operating Procedure**
**Nitromethane**

| Type of SOP: | ☐ Process | ☒ Hazardous Chemical | ☐ Hazardous Class |
|---|---|---|---|

- **Uses**

Nitromethane has a variety of uses. It is used as a stabilizer for chlorinated solvents, used in dry cleaning, semiconductor processing, and degreasing. It is most commonly known for its use as a fuel in motor racing, as well as rockets.

- **Physical and Chemical Properties / Definition of Chemical Group**

| | |
|---|---|
| CAS: | 75-52-5 |
| Class: | Flammable, Carcinogen, Target organ effect |
| Molecular Formula: | $CH_3NO_2$ |
| Form (physical state): | Liquid |
| Color: | N/A |
| Boiling Point: | 101.2 $^{o}C$ |

- **Potential Hazards / Toxicity**

| **Potential Health Effects** | |
|---|---|
| | |
| **Target Organs:** | Liver, Kidney, Central nervous system |
| **Inhalation:** | May be harmful if inhaled. May cause respiratory tract irritation. |
| **Skin:** | Harmful if absorbed through skin. May cause skin irritation. |
| **Eyes:** | May cause eye irritation. |
| **Ingestion:** | Harmful if swallowed. |

- **Personal Protective Equipment (PPE)**

**Respiratory Protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Respirators should be used only under any of the following circumstances:

- As a last line of defense (i.e., after engineering and administrative controls have been exhausted).
- When Permissible Exposure Limit (PEL) has exceeded or when there is a possibility that PEL will be exceeded.
- Regulations require the use of a respirator.
- An employer requires the use of a respirator.
- There is potential for harmful exposure due to an atmospheric contaminant (in the absence of PEL)
- As PPE in the event of a chemical spill clean-up process

**Hand Protection**

Handle with gloves. Use proper glove removal technique to avoid skin contact with this product. Fluorinated rubber gloves are recommended.

**NOTE:** Consult with your preferred glove manufacturer to ensure that the gloves you plan on using are compatible with Nitromethane.

**Eye Protection**

Wear chemical splash goggles or a face shield to protect from splash hazards and chemical vapors.

**Skin & Body Protection**

- Fire/flame resistant lab coat, preferably made from antistatic material
- Full-length pants
- Closed-toe rubber or leather shoes

**Hygiene Measures**

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

**Engineering Controls**

Operate using a chemical fume hood with adequate exhaust and capture filtration, as well as electrically grounded lines and equipment.

- **First Aid Procedures**

**If inhaled:** Move to fresh air. If the person is not breathing, give artificial respiration. Avoid mouth to mouth contact. If breathing is difficult, give oxygen.

**In case of skin contact:** Remove all contaminated clothing. Immediately (within seconds) flush affected area for FIFTEEN (15) minutes.

**In case of eye contact:** Remove any contact lenses. Use nearest emergency eyewash immediately for at least FIFTEEN (15) minutes.

**If swallowed:** DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Rinse mouth with water.

- **Special Storage & Handling Requirements**

**Storage**

- Ensure the container is tightly closed at all times.
- Keep in a cool, dry, well-ventilated area away from incompatible materials and conditions.
- Open containers must be carefully resealed and kept upright to prevent leakage.
- Store under inert gas.

**Handling**

- Where the material is being handled has an approved / certified emergency eyewash and safety shower.
- Ensure you are wearing the following minimum PPE: tightly fitting safety goggles and face shield, fire/flame resistant lab coat, full length pants, close-toe rubber or leather shoes, fluorinated rubber gloves.
- Emergency contact information must be readily posted. Easy access to a cellular phone or land line is readily available.
- Avoid contact with skin, eyes, and clothing.
- Avoid inhalation and ingestion.
- Use spark-proof tools and explosion-proof equipment.
- Ensure normal measures for preventative fire protection.
- Keep away from heat and other sources of ignition.
- Prevent buildup of electrostatic charge.

- **Spill and Accident Procedure**

**Personal precautions**

Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Do not attempt clean-up without minimum PPE. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental precautions**

Prevent further leakage or spillage – if safe to do so. Do not allow product to enter drains.

**Methods and materials for containment and clean-up**

Consider material compatibility prior to clean-up. Verify spill kit is available. Absorb spills with inert material.

1. Immediately assess amount spilled, follow posted ASU Emergency Response Guide procedures for hazardous materials incidents.
2. If achemical exposure has occurred, a fellow worker shall call EH&S
3. Don't compatible gloves and other protective PPE if not already being worn.
4. Secure / restrict access to the area of the spill to prevent spread of the chemical.
5. Use the available spill kit to stop and contain the spill. Bag the collected material.
6. Label and tag as hazardous waste and submit a pick-up request to EH&S using EHS Assistant.

- **Decontamination / Waste Disposal Procedure**

Wearing proper PPE, decontaminate equipment using soap and water. Dispose of the used chemical and contaminated disposables as hazardous waste following the guidelines below.

**Label waste**

- Attach a completed ASU Hazardous Waste tag to all waste containers as soon as the first drop of waste is added to the container.

**Store waste**

- Store hazardous waste in closed containers, in secondary containment and in a designated storage location.
- Double-bag dry waste using sealable transparent bags.
- Waste must be under the control of the person generating and disposing of it.

**Dispose of waste**

- Dispose of regularly generated chemical waste within 90 days.
- Use EHS Assistant online hazardous waste pick-up request system.

- **Documentation of Training**
  - Prior to conducting any work with this material, Principal Investigator or designee must provide to his/her personnel specific to the hazards involved in working with this substance, work area decontamination, and emergency procedures.
  - The Principal Investigator must provide his/her personnel with a copy of this SOP and a copy of the MSDS provided by the manufacturer.
  - The Principal Investigator must ensure that his/her personnel have attended appropriate/required safety training or refresher training within the last one year.

# Annexure –II

Onsite Emergency Plan

O/C

Aastrid

**Date: 17/11/2018**

**To,**

**The District Collector**
**District Collector Office,**
**Near Hirakot Lake,**
**Tahasil-Alibag, District-Raigad,**

**Subject: Submission of On-site and Off-site emergency plan for Aastrid Life Sciences Pvt. Ltd., Mahad**

Dear Sir,

We have proposed new project for manufacturing of **Chemical Intermediates located at Plot No. FS-I & FS -II, Additional MIDC Mahad, Mahad, Dist: Raigad, Maharashtra**. We have applied for Environmental Clearance to the government authorities. As per the recommendation of the SEAC Committee, it is required to prepare and submit Disaster Management Plan (On-site and Off-site Emergency Preparedness plan) to your office. Hence we are submitting herewith the same.

Kindly receive and acknowledge the same.

Thanking You

Yours Faithfully,

**For Aastrid Life Sciences Pvt. Ltd.**

**Authorized Signature**

AASTRID LIFE SCIENCES PVT. LTD.

17/11/18
लिपीक
नोंदणी शाखा
जिल्हाधिकारी कार्यालय, रायगड
अलिबाग.

Aastrid Life Sciences Pvt. Ltd.
Regd. Office: A-514, TTC Industrial Area, MIDC, Mahape, Navi Mumbai 400 701. INDIA
Tel: +91 22 4112 2626. Fax: + 91 22 2778 2437.
E-mail: info@aastrid.com Internet: www.aastridlifesciences.com
Factory: B-19, MIDC, Birwadi, Mahad, Dist. - Raigad - 402 302, Maharashtra, INDIA.
Tel: +91-2145 232123 / 2145 232124
CIN No: U24100MH2010PTC200641

# Annexure –III

Green Belt Photographs

# Annexure –IV

CER Letter

**Date: 06.12.2018**

**Ref: ALSPL/18-19/108**

**The District Collector**
**District Collector Office,**
**Near Hirakot Lake,**
**Tahasil-Alibag, District-Raigad,**

**Mahad**

**Sub - Approval of Corporate Environment Responsibility (CER) For Aastrid Life Sciences Pvt. Ltd., Plot No. FS-I & FS-II, Additional MIDC Mahad, Dist: Raigad, Maharashtra**

**Ref. MoM of 154th SEAC-I meeting dated August 28, 2018.**

**Respected Sir,**

We, Aastrid Life Sciences Pvt. Ltd., proposes manufacturing of **Chemical Intermediates** at Plot No. FS-I & FS-II, Additional MIDC Mahad, Dist: Raigad, Maharashtra

We have proposed new project which required prior environmental clearance from environment Department Maharashtra. As per the procedure of the environmental clearance we have received ToR in 154th SEAC-I meeting for preparation of EIA report for grant of environmental clearance. As per OM issued by MOEFCC dated 1.05.2018 we need submit the plan to utilize CER (Corporate Environmental Responsibility) along with timelines.

With reference to this kindly find the CER activities proposed by us attached as Annexure I. CER activities are based on actual need analysis study done by Functional Area Expert for Socio Economic Ms. Lataraje Bawadekar from NABET accredited consultant Goldfinch Engineering Systems Private Limited Thane.

Kindly give your approval for the proposed CER activities with your valuable suggestion as per the requirement of the district as early as possible.

Waiting for your reply.

Thanking you,

Yours Faithfully

**For Aastrid Life Sciences Pvt. Ltd,**

**Authorized Signatory**

**Encl: Annexure – I (Proposed CER activities)**

AASTRID LIFE SCIENCES PVT. LTD.

07/12/18
लिपीक
नोंदणी शाखा
उपविभागीय अधिकारी कार्यालय, रायगड
अलिबाग.

Aastrid Life Sciences Pvt. Ltd.
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**Annexure-I**

**Corporate Environment Responsibility**

**Aastrid Life Sciences Pvt. Ltd., Plot No.: FS-I & FS-II, Additional MIDC, Mahad, Raigad, Maharashtra**

As per **Corporate Environmental Responsibility** (CER) office memorandum (F. No. 22-65/2017-IA.III) dated May 1, 2018, the Company has earmarked INR.1.6 Cr (2% of Greenfield project cost 80 Crs.) for undertaking the CER.

CER activities shall be done in surrounding villages. Kindly find the prosed CER activities with budget with break up;

| Sr. No | CER Activities proposed | Budget | Time frame |
|---|---|---|---|
| **1.** | Provision of toilet | 15 Lakh | **7 Years** |
| **2.** | Renovation of school and room in Kathivade Village. | 10 Lakh | |
| **3.** | Provision of wells to nearby villages. | 25 Lakh | |
| **4.** | Provision of Tables, chairs, Uniforms, Carpet, educational Charts, weighing Machine, Educational Games and Fans to the Anganwadis of nearby villages. | 25 Lakh | |
| **5.** | Internal Road Facility And construction of community center for in kamble Tarf Mahad village. | 20 lakh | |
| **6.** | Provision of water filters, Medical checkup, Health insurance policy. | 37 lakh | |
| **7.** | Provision of ambulation with basic medical facilities in the Bhogav and aadivasi wadi village. | 28 lakh | |
| | **Total** | **160 lakhs** | |

# Annexure –V

Solar Panel Photographs

# Annexure –VI

Monitoring Reports

RECOG. BY GOVT. OF INDIA (MoEFCC)
ENVIRONMENTAL LABORATORY
SKY LAB
OUR GOAL POLLUTION CONTROL

SKY LAB
ANALYTICAL LABORATORY
Accredited by NABL as per ISO/IEC 17025:2017
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TC 5150

ULR NO: TC515023000003340F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/S. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

REPORT NO : SAL/FM/59/ALS/BSM(23-24-045)
REPORT DATE : 23/06/2023
CUSTOMER REF : PO/U2/23-24/143
REF DATE : 03-05-2023

**SAMPLE TYPE:** BOILER STACK EMISSION MONITORING

SAMPLE REGISTRATION NO. : BSM(23-24-045)
SAMPLING PLAN & METHOD NO. : As Per Reference Method
SAMPLING DATE : 13/06/2023
SAMPLING TIME : 10:00AM
ANALYSIS START DATE : 14/06/2023
ANALYSIS COMPLETE DATE : 23/06/2023

LOCATION : Boiler Stack
SAMPLE COLLECTED BY : SKYLAB
STACK HEIGHT FROM GL : 31 Meters
SHAPE OF STACK : Round
MATERIAL OF STACK : MS
FUEL USED (CONSUMPTION) : Briquettes(18MT/Day)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.9 | NA | - |
| 2. | C/s area of Stack | $m^2$ | 0.636 | NA | - |
| 3. | Temperature | $^oC$ | 136 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 8.4 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 14005.2 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 57.1 | 150 | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 36.9 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 12.41 | 21.6 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 44.1 | NS | IS 11255, (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 21.4 | NS | IS 11255, (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. KON 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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**SKYLAB is always subject to improvement. For better customer satisfaction, we welcome your feedback on : feedback@skylabenviro.com**

ULR NO: TC515023000013051F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/S. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

REPORT NO : SAL/FM/59/ALS/BSM(22-23-0283)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:** **BOILER STACK EMISSION MONITORING**

SAMPLE REGISTRATION NO. : BSM(22-23-0283)
SAMPLING PLAN & METHOD NO. : As Per Reference Method
SAMPLING DATE : 13/03/2023
SAMPLING TIME : 10:30AM
ANALYSIS START DATE : 15/03/2023
ANALYSIS COMPLETE DATE : 23/03/2023

LOCATION : Boiler Stack
SAMPLE COLLECTED BY : SKYLAB
STACK HEIGHT FROM GL : 31 Meters
SHAPE OF STACK : Round
MATERIAL OF STACK : MS
FUEL USED (CONSUMPTION) : Briquettes(18MT/Day)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.9 | NA | - |
| 2. | C/s area of Stack | $m^2$ | 0.636 | NA | - |
| 3. | Temperature | $^oC$ | 127 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 7.6 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 13012.6 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 51.8 | 150 | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 28.7 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 8.97 | 21.6 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 36.3 | NS | IS 11255, (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 17.7 | NS | IS 11255, (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. Kalyan * 421311 *

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

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Mob. No. - 9867577309 / 310 / 312 / 9930060058
Email - mails@skylabenviro.com Website - www.skylabenviro.com

ULR NO: TC0515022000008790F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/S. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

**REPORT NO** : SAL/FM/59/ALS/BSM(22-23-0190)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:**
**BOILER STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** : BSM(22-23-0190)
**SAMPLING PLAN & METHOD NO.** : As Per Reference Method
**SAMPLING DATE** : 22/11/2022
**SAMPLING TIME** : 04:40PM
**ANALYSIS START DATE** : 25/11/2022
**ANALYSIS COMPLETE DATE** : 01/12/2022

**LOCATION** : Boiler Stack
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT FROM GL** : 31 Meters
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : Briquettes(18MT/Day)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.9 | NA | - |
| 2. | C/s area of Stack | $m^2$ | 0.636 | NA | - |
| 3. | Temperature | $^oC$ | 120 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 6.8 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 11856.1 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 44.2 | 150 | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 20.5 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 5.84 | 21.6 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 27.9 | NS | IS 11255, (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 13.6 | NS | IS 11255, (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

**Verified by**

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. Kalyan 421311

**For SKYLAB ANALYTICAL LABORATORY**

Technical Manager
Authorized Signatory

**END OF REPORT**

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TC 5150

ULR NO: TC515023000006421F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/59/ALS/DGSM(23-24-424)
**REPORT DATE** : 16/09/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:** **DG STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** : DGSM(23-24-0424)
**SAMPLING PLAN & METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 07/09/2023
**SAMPLING TIME** : 11:05AM
**ANALYSIS START DATE** : 09/09/2023
**ANALYSIS COMPLETE DATE** : 16/09/2023

**LOCATION** : DG STACK (810KVA)
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 1 Meters
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : HSD(1000Ltr/Hr)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.15 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.018 | NA | - |
| 3. | Temperature | $^oC$ | 115 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 9.1 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 445.6 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 59.3 | NS | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 86.2 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 0.92 | 480 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 139.1 | NS | IS 11255 (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 67.7 | NS | IS 11255 (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. Kon * 421311 *

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

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SALAC24230901230



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Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
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TC 5150

ULR NO: TC515023000003341F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/59/ALS/DGSM(23-24-152)
**REPORT DATE** : 23/06/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:** **DG STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** : DGSM(23-24-0152)
**SAMPLING PLAN & METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 13/06/2023
**SAMPLING TIME** : 10:40AM
**ANALYSIS START DATE** : 14/06/2023
**ANALYSIS COMPLETE DATE** : 23/06/2023

**LOCATION** : DG STACK (810KVA)
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 1 Meters
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : HSD(1000Ltr/Hr)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.15 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.018 | NA | - |
| 3. | Temperature | °C | 112 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 8.8 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 431.1 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 55.7 | NS | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 82.1 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 0.85 | 480 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 148 | NS | IS 11255 (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 72.1 | NS | IS 11255 (Part 7) |

**NS:** Not Specified. **NA**: Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

Verified by

Sr. Analyst

Skylab Analytical Laboratory M.I.D.C. Kon * 421311 *

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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ULR NO: TC515023000013052F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

REPORT NO : SAL/FM/59/ALS/DGSM(22-23-0858)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE: DG STACK EMISSION MONITORING**

SAMPLE REGISTRATION NO. : DGSM(22-23-0858)
SAMPLING PLAN & METHOD NO. : As per Reference Method
SAMPLING DATE : 13/03/2023
SAMPLING TIME : 10:40AM
ANALYSIS START DATE : 15/03/2023
ANALYSIS COMPLETE DATE : 23/03/2023

LOCATION : DG STACK (810KVA)
SAMPLE COLLECTED BY : SKYLAB
STACK HEIGHT : 1 Meters
SHAPE OF STACK : Round
MATERIAL OF STACK : MS
FUEL USED (CONSUMPTION) : HSD(1000Ltr/Hr)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.15 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.018 | NA | - |
| 3. | Temperature | $^oC$ | 116 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 7.9 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 385.4 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 47.2 | NS | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 69.7 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 0.65 | 480 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 141 | NS | IS 11255 (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 68.7 | NS | IS 11255 (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

Verified by

Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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2. This report is confidential & cannot be re-produced in part or full without permission of SKYLAB Analytical Laboratory.
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ULR NO: TC05150220000008791F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/59/ALS/DGSM(22-23-0572)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **DG STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** : DGSM(22-23-0572)
**SAMPLING PLAN & METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 22/11/2022
**SAMPLING TIME** : 04:30PM
**ANALYSIS START DATE** : 25/11/2022
**ANALYSIS COMPLETE DATE** : 01/12/2022

**LOCATION** : DG STACK (810KVA)
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 1 Meters
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : HSD(1000Ltr/Hr)

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.15 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.018 | NA | - |
| 3. | Temperature | $^oC$ | 110 | NA | IS 11255 (Part 1) |
| 4. | Velocity | m/s | 8.6 | NA | IS 11255 (Part 1) |
| 5. | Flue Gas Discharge | $Nm^3/hr$ | 428 | NA | IS 11255 (Part 1) |
| 6. | Total Particulate Matter (TPM) | $mg/Nm^3$ | 54.3 | NS | IS 11255 (Part 1) |
| 7. | Sulphur Dioxide (SO2) | $mg/Nm^3$ | 82.1 | NS | IS 11255 (Part 2) |
| 8. | Sulphur Dioxide (SO2) | Kg/Day | 0.84 | 480 | IS 11255 (Part 2) |
| 9. | Nitrogen Oxide (NOx) | $mg/Nm^3$ | 161.7 | NS | IS 11255 (Part 7) |
| 10. | Nitrogen Oxide (NOx) | ppm | 78.7 | NS | IS 11255 (Part 7) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per MPCB Consent.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

**REPORT NO** : SAL/FM/59/ALS/SSM(23-24-148B)
**REPORT DATE** : 13/09/2023
**CUSTOMER REF** : Verbal
**REF DATE** : NA

**SAMPLE TYPE:** **SCRUBBER STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** :SSM (023-24-148B)
**SAMPLING PLAN & METHOD NO.** :As per Reference Method
**SAMPLING DATE** : 07/09/2023
**SAMPLING TIME** : 01:00PM
**ANALYSIS START DATE** : 08/09/2023
**ANALYSIS COMPLETE DATE** : 13/09/2023

**LOCATION** : Scrubber Stack 2
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 18 m
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : NA

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | **0.3** | NA | - |
| 2. | Cross section area of Stack | $m^2$ | **0.071** | NA | - |
| 3. | Temperature | $^oC$ | **36** | NA | IS 11255 (Part 1) |
| 4. | Ammonia | $mg/Nm^3$ | **7.4** | NS | IS 11255 (Part 6) |

**NS:** Not Specified. **NA**: Not Applicable. **#**: As per MPCB Consent.

**Opinion/Observation: NA**

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. KON * 421311 *

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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ULR NO: TC515023000013055F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

REPORT NO : SAL/FM/59/ALS/SSM(22-23-0301)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:** **SCRUBBER STACK EMISSION MONITORING**

SAMPLE REGISTRATION NO. :SSM (022-23-0301)
SAMPLING PLAN & METHOD NO. :As per Reference Method
SAMPLING DATE : 13/03/2023
SAMPLING TIME : 12:40PM
ANALYSIS START DATE : 15/03/2023
ANALYSIS COMPLETE DATE : 23/03/2023

LOCATION : Scrubber Stack
SAMPLE COLLECTED BY : SKYLAB
STACK HEIGHT : 1 m
SHAPE OF STACK : Round
MATERIAL OF STACK : MS
FUEL USED (CONSUMPTION) : NA

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.8 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.503 | NA | - |
| 3. | Temperature | °C | 39 | NA | IS 11255 (Part 1) |
| 4. | Acid Mist | $mg/Nm^3$ | 6.2 | 35 | EPA Method 8 |

**NS:** Not Specified. **NA**: Not Applicable. #: As per MPCB Consent.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per specified standard.*

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. KON * 421311 *

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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TC 5150

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Mob. No. - 9867577309 / 310 / 312 / 9930060058
Email - mails@skylabenviro.com Website - www.skylabenviro.com

SALAC2322020614500

ULR NO: TC515023000005427F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

**REPORT NO** : SAL/FM/59/ALS/SSM(23-24-148A)
**REPORT DATE** : 13/09/2023
**CUSTOMER REF** : Verbal
**REF DATE** : NA

**SAMPLE TYPE:** **SCRUBBER STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** :SSM (023-24-148A)
**SAMPLING PLAN & METHOD NO.** :As per Reference Method
**SAMPLING DATE** : 07/09/2023
**SAMPLING TIME** : 12:50PM
**ANALYSIS START DATE** : 08/09/2023
**ANALYSIS COMPLETE DATE** : 13/09/2023

**LOCATION** : Scrubber Stack 1
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 18 m
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : NA

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | 0.3 | NA | - |
| 2. | Cross section area of Stack | $m^2$ | 0.071 | NA | - |
| 3. | Temperature | $^oC$ | 35 | NA | IS 11255 (Part 1) |
| 4. | Ammonia | $mg/Nm^3$ | 6.2 | NS | IS 11255 (Part 6) |

**NS:** Not Specified. **NA:** Not Applicable. #: As per MPCB Consent.

**Opinion/Observation:NA.**

**Verified by**

**Sr. Analyst**

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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ULR NO: TC0515022000008794F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/59/ALS/SSM(22-23-0188)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **SCRUBBER STACK EMISSION MONITORING**

**SAMPLE REGISTRATION NO.** :SSM (022-23-0188)
**SAMPLING PLAN & METHOD NO.** :As per Reference Method
**SAMPLING DATE** :22/11/2022
**SAMPLING TIME** :03:10PM
**ANALYSIS START DATE** :25/11/2022
**ANALYSIS COMPLETE DATE** :01/12/2022

**LOCATION** : Scrubber Stack
**SAMPLE COLLECTED BY** : SKYLAB
**STACK HEIGHT** : 1 m
**SHAPE OF STACK** : Round
**MATERIAL OF STACK** : MS
**FUEL USED (CONSUMPTION)** : NA

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Dimensions of Stack | m | **0.8** | NA | - |
| 2. | Cross section area of Stack | $m^2$ | **0.503** | NA | - |
| 3. | Temperature | $^oC$ | **38** | NA | IS 11255 (Part 1) |
| 4. | Acid Mist | $mg/Nm^3$ | **10.3** | 35 | EPA Method 8 |

**NS:** Not Specified. **NA**: Not Applicable. #: As per MPCB Consent.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per specified standard.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

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TC 5150

ULR NO: TC515023000006419F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/58/ALS/AAM(23-24-0354)
**REPORT DATE** : 16/09/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:**
**AMBIENT AIR QUALITY MONITORING**

**SAMPLE REGISTRATION NO.** : AAM (23-24-0354)
**SAMPLING PLAN& METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 07/09/2023
**SAMPLING TIME** : 11:05AM
**ANALYSIS START DATE** : 09/09/2023
**ANALYSIS COMPLETE DATE** : 16/09/2023

**LOCATION** : Near Main Gate
**SAMPLING DURATION** : 8 HRS
**SAMPLE COLLECTED BY** : SKYLAB
**AMBIENT TEMPRATURE** : 29°C TO 33°C
**HUMIDITY** : 65 % TO 72 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | **66.5** | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | **35.0** | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | **15.8** | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | **29.2** | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | **<20** | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | **0.37** | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | **22.4** | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | **<0.1** | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | **<1** | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | **<0.1** | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | **<1** | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | **<0.5** | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

**Verified by**

**Sr. Analyst**

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

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TC 5150

ULR NO: TC515023000006420F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

**REPORT NO** : SAL/FM/58/ALS/AAM(23-24-0355)
**REPORT DATE** : 16/09/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:** **AMBIENT AIR QUALITY MONITORING**

**SAMPLE REGISTRATION NO.** : AAM (23-24-0355)
**SAMPLING PLAN& METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 07/09/2023
**SAMPLING TIME** : 11:05AM
**ANALYSIS START DATE** : 09/09/2023
**ANALYSIS COMPLETE DATE** : 16/09/2023

**LOCATION** : Near ETP Plant
**SAMPLING DURATION** : 8 HRS
**SAMPLE COLLECTED BY** : SKYLAB
**AMBIENT TEMPRATURE** : 29°C TO 33°C
**HUMIDITY** : 65 % TO 72 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | **60.4** | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | **27.7** | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | **10.4** | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | **24.8** | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | **<20** | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | **0.32** | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | **24.1** | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | **<0.1** | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | **<1** | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | **<0.1** | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | **<1** | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | **<0.5** | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

**Verified by**

**Sr. Analyst**

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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TC 5150

ULR NO: TC515023000003337F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/58/ALS/AAM(23-24-0160)
**REPORT DATE** : 23/06/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:**
## AMBIENT AIR QUALITY MONITORING

**SAMPLE REGISTRATION NO.** : AAM (23-24-0160)
**SAMPLING PLAN& METHOD NO.** : As per Reference Method
**SAMPLING DATE** : 13/06/2023
**SAMPLING TIME** : 09:10AM
**ANALYSIS START DATE** : 14/06/2023
**ANALYSIS COMPLETE DATE** : 23/06/2023

**LOCATION** : Near Main Gate
**SAMPLING DURATION** : 8 HRS
**SAMPLE COLLECTED BY** : SKYLAB
**AMBIENT TEMPRATURE** : 30°C TO 34°C
**HUMIDITY** : 61 % TO 69 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | **78.3** | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | **42.5** | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | **22.4** | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | **38.6** | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | **<20** | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | **0.45** | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | **26.5** | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | **<0.1** | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | **<1** | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | **<0.1** | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | **<1** | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | **<0.5** | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. Kon 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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TC 5150

ULR NO: TC515023000003338F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

REPORT NO : SAL/FM/58/ALS/AAM(23-24-0161)
REPORT DATE : 23/06/2023
CUSTOMER REF : PO/U2/23-24/143
REF DATE : 03-05-2023

**SAMPLE TYPE:**
SAMPLE REGISTRATION NO. : AAM (23-24-0161)
SAMPLING PLAN& METHOD NO. : As per Reference Method
SAMPLING DATE : 13/06/2023
SAMPLING TIME : 09:30AM
ANALYSIS START DATE : 14/06/2023
ANALYSIS COMPLETE DATE : 23/06/2023

**AMBIENT AIR QUALITY MONITORING**
LOCATION : Near ETP Plant
SAMPLING DURATION : 8 HRS
SAMPLE COLLECTED BY : SKYLAB
AMBIENT TEMPRATURE : 30°C TO 34°C
HUMIDITY : 61 % TO 69 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | 69.3 | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | 35.9 | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | 16.8 | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | 29.8 | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | <20 | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | 0.38 | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | 28.7 | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | <0.1 | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | <1 | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | <0.1 | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | <1 | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | <0.5 | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. Kon 421311

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

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Mob. : 9867577309-312 / 8422929165. Email : mails@skylabenviro.com, Website : www.skylabenviro.com

ULR NO: TC515023000013049F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

REPORT NO : SAL/FM/58/ALS/AAM(22-23-0751)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:**
**AMBIENT AIR QUALITY MONITORING**

SAMPLE REGISTRATION NO. : AAM (22-23-0751)
SAMPLING PLAN& METHOD NO. : As per Reference Method
SAMPLING DATE :13/03/2023
SAMPLING TIME :10:20AM
ANALYSIS START DATE :15/03/2023
ANALYSIS COMPLETE DATE :23/03/2023

LOCATION : Near ETP Plant
SAMPLING DURATION : 8 HRS
SAMPLE COLLECTED BY : SKYLAB
AMBIENT TEMPRATURE : 29°C TO 35°C
HUMIDITY : 67 % TO 75 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | 63.4 | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | 29.8 | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | 12.6 | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | 26.4 | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | <20 | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | 0.42 | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | 24.3 | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | <0.1 | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | <1 | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | <0.1 | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | <1 | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | <0.5 | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

Verified by

Sr. Analyst

Skylab Analytical Laboratory M.I.D.C. KON * 421311 *

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

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Mob. No. - 9867577309 / 310 / 312 / 9930060058
Email - mails@skylabenviro.com Website - www.skylabenviro.com

ULR NO: TC515023000013048F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

REPORT NO : SAL/FM/58/ALS/AAM(22-23-0750)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:**
**AMBIENT AIR QUALITY MONITORING**

SAMPLE REGISTRATION NO. : AAM (22-23-0750)
SAMPLING PLAN& METHOD NO. : As per Reference Method
SAMPLING DATE :13/03/2023
SAMPLING TIME :10:10AM
ANALYSIS START DATE :15/03/2023
ANALYSIS COMPLETE DATE :23/03/2023

LOCATION : Near Main Gate
SAMPLING DURATION : 8 HRS
SAMPLE COLLECTED BY : SKYLAB
AMBIENT TEMPRATURE : 29°C TO 35°C
HUMIDITY : 67 % TO 75 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m³ | 71.9 | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m³ | 39.2 | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m³ | 18.6 | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m³ | 34.2 | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m³ | <20 | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | 0.54 | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m³ | 22.1 | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m³ | <0.1 | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m³ | <1 | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m³ | <0.1 | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m³ | <1 | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m³ | <0.5 | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. KON 421311

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

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Email - mails@skylabenviro.com Website - www.skylabenviro.com

SALAC2322020614492

ULR NO: TC0515022000008787F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India.

**REPORT NO** : SAL/FM/58/ALS/AAM(22-23-0469)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **AMBIENT AIR QUALITY MONITORING**

**SAMPLE REGISTRATION NO.** : AAM (22-23-0469)
**SAMPLING PLAN& METHOD NO.** : As per Reference Method
**SAMPLING DATE** :22/11/2022
**SAMPLING TIME** :04:10PM
**ANALYSIS START DATE** :25/11/2022
**ANALYSIS COMPLETE DATE** :01/12/2022

**LOCATION** : Near Main Gate
**SAMPLING DURATION** : 8 HRS
**SAMPLE COLLECTED BY** : SKYLAB
**AMBIENT TEMPRATURE** : 19°C TO 34°C
**HUMIDITY** : 42 % TO 58 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m$^3$ | **64.3** | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m$^3$ | **35.4** | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m$^3$ | **14.2** | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m$^3$ | **28.5** | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m$^3$ | **<20** | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | **0.42** | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m$^3$ | **15.8** | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m$^3$ | **<0.1** | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m$^3$ | **<0.5** | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m$^3$ | **<0.1** | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m$^3$ | **<1** | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m$^3$ | **<0.5** | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory * 421311 *

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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SALAC2322020608152

**ULR NO: TC0515022000008788F**

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India..

**REPORT NO** : SAL/FM/58/ALS/AAM(22-23-0470)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **AMBIENT AIR QUALITY MONITORING**

**SAMPLE REGISTRATION NO.** : AAM (22-23-0470)
**SAMPLING PLAN& METHOD NO.** : As per Reference Method
**SAMPLING DATE** :22/11/2022
**SAMPLING TIME** :04:40PM
**ANALYSIS START DATE** :25/11/2022
**ANALYSIS COMPLETE DATE** :01/12/2022

**LOCATION** : Near ETP Plant
**SAMPLING DURATION** : 8 HRS
**SAMPLE COLLECTED BY** : SKYLAB
**AMBIENT TEMPRATURE** : 19°C TO 34°C
**HUMIDITY** : 42 % TO 58 %

| Sr. No. | Test Parameter | Unit | Result | Limit# | Reference Method |
|---|---|---|---|---|---|
| 1. | Particulate Matter as PM10 | µg/m$^3$ | **56.6** | 100 | IS:5182, (Part – 23) |
| 2. | Particulate Matter as PM2. 5 | µg/m$^3$ | **26.7** | 60 | IS:5182, (Part 24) |
| 3. | Sulphur Dioxide (SO2) | µg/m$^3$ | **9.9** | 80 | IS:5182, (Part – 2) |
| 4. | Nitrogen Oxide (NOx) | µg/m$^3$ | **22.7** | 80 | IS: 5182, (Part – 6) |
| 5. | Ozone (O3) | µg/m$^3$ | **<20** | 180 | Method 411, Methods of Air Sampling and Analysis, 3rd Edition |
| 6. | Carbon Monoxide (CO) | ppm | **0.36** | NS | IS 5182 (Part 10) |
| 7. | Ammonia (NH3) | µg/m$^3$ | **17.2** | 400 | Method 401, Methods of Air Sampling and Analysis, 3rd Edition |
| 8. | Benzene (C6H6) | µg/m$^3$ | **<0.1** | 5 | IS 5182 (Part 11) |
| 9. | Benzo(a)pyrene | ng /m$^3$ | **<0.5** | 1 | IS 5182 (Part 12) |
| 10. | Metal-Lead | µg/m$^3$ | **<0.1** | 1 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |
| 11. | Metal-Arsenic | ng /m$^3$ | **<1** | 6 | Method 302, Methods of Air Sampling and Analysis, 3rd Edition |
| 12. | Metal-Nickel | ng /m$^3$ | **<0.5** | 20 | Method 822, Methods of Air Sampling and Analysis, 3rd Edition |

#: As per NAAQMS Guidelines 2009. NS: Not Specified.

**Opinion/Observation:** *Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.*

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory MIDC KON 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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Email - mails@skylabenviro.com Website - www.skylabenviro.com

ULR NO: TC515023000013050F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India

REPORT NO : SAL/FM/111/ALS/ANM (22-23-293)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:** AMBIENT NOISE LEVEL MONITORING

SAMPLE REGISTRATION NO. : ANM (22-23-293)
SAMPLING PLAN& METHOD NO.: As per Reference Method
SAMPLING DATE : 13/03/2023
AMPLE COLLECTED BY : SKYLAB
SAMPLING TIMING(DAY) : 04:10PM
SAMPLING TIMING(NIGHT): 10:00 PM

| Sr. No. | Location Name | Noise Level dB (A) | | Reference Method |
|---|---|---|---|---|
| | | Min | Max | |
| | DAY | | | IS 9989 |
| 1. | Near Utility Area | 70.2 | 72.4 | |
| 2. | Near Boiler House | 68.1 | 69.5 | |
| | NIGHT | | | |
| 1. | Near DG Area | 61.1 | 65.8 | |
| 2. | Near Boiler House | 60.9 | 66.2 | |

**Opinion/Observation:** *Noise Level is meeting requirements as per CPCB Guidelines.*

**Note:**

| Category Area/ Zone | Limits in dB (A) | |
|---|---|---|
| | Day Time (6.00 Hrs to 22.00 Hrs) | Night Time (22.00 Hrs to 6.00 Hrs) |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

Verified by

Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

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OUR GOAL POLLUTION CONTROL

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ANALYTICAL LABORATORY
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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TC 5150

ULR NO: TC515023000003339F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India

**REPORT NO** : SAL/FM/111/ALS/ANM (23-24-060)
**REPORT DATE** : 23/06/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:**
## AMBIENT NOISE LEVEL MONITORING

**SAMPLE REGISTRATION NO.** : ANM (23-24-060)
**SAMPLING PLAN& METHOD NO.**: As per Reference Method
**SAMPLING DATE** : 13/06/2023

**AMPLE COLLECTED BY** : SKYLAB
**SAMPLING TIMING(DAY)** : 10:10AM
**SAMPLING TIMING(NIGHT)**: 10:10 PM

| Sr. No. | Location Name | Noise Level dB (A) | | Reference Method |
|---|---|---|---|---|
| | | Min | Max | |
| | **DAY** | | | IS 9989 |
| 1. | Near Utility Area | 69.3 | 71.2 | |
| 2. | Near Boiler House | 66.4 | 68.3 | |
| | **NIGHT** | | | |
| 1. | Near DG Area | 59.1 | 62.3 | |
| 2. | Near Boiler House | 59.0 | 65.3 | |

**Opinion/Observation:** *Noise Level is meeting requirements as per CPCB Guidelines.*

**Note:**

| Category Area/ Zone | Limits in dB (A) | |
|---|---|---|
| | Day Time (6.00 Hrs to 22.00 Hrs) | Night Time (22.00 Hrs to 6.00 Hrs) |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.P.C.B. 421311

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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**Mob.** : 9867577309-312 / 8422929165. **Email** : mails@skylabenviro.com, **Website** : www.skylabenviro.com
**SKYLAB is always subject to improvement. For better customer satisfaction, we welcome your feedback on : feedback@skylabenviro.com**

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ENVIRONMENTAL LABORATORY
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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TC 5150

ULR NO: TC515023000003339F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India

REPORT NO : SAL/FM/111/ALS/ANM (23-24-060)
REPORT DATE : 23/06/2023
CUSTOMER REF : PO/U2/23-24/143
REF DATE : 03-05-2023

**SAMPLE TYPE: AMBIENT NOISE LEVEL MONITORING**

SAMPLE REGISTRATION NO. : ANM (23-24-060)
SAMPLING PLAN& METHOD NO.: As per Reference Method
SAMPLING DATE : 13/06/2023

AMPLE COLLECTED BY : SKYLAB
SAMPLING TIMING(DAY) : 10:10AM
SAMPLING TIMING(NIGHT): 10:10 PM

| Sr. No. | Location Name | Noise Level dB (A) | | Reference Method |
|---|---|---|---|---|
| | | Min | Max | |
| | DAY | | | IS 9989 |
| 1. | Near Utility Area | 69.3 | 71.2 | |
| 2. | Near Boiler House | 66.4 | 68.3 | |
| | NIGHT | | | |
| 1. | Near DG Area | 59.1 | 62.3 | |
| 2. | Near Boiler House | 59.0 | 65.3 | |

**Opinion/Observation:** *Noise Level is meeting requirements as per CPCB Guidelines.*

**Note:**

| Category Area/ Zone | Limits in dB (A) | |
|---|---|---|
| | Day Time (6.00 Hrs to 22.00 Hrs) | Night Time (22.00 Hrs to 6.00 Hrs) |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. KON 421311

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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Mob. : 9867577309-312 / 8422929165. Email : mails@skylabenviro.com, Website : www.skylabenviro.com

ULR NO: TC0515022000008789F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India

**REPORT NO** : SAL/FM/111/ALS/ANM (22-23-189)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **AMBIENT NOISE LEVEL MONITORING**

**SAMPLE REGISTRATION NO.** : ANM (22-23-189)
**SAMPLING PLAN& METHOD NO.**: As per Reference Method
**SAMPLING DATE** : 22/11/2022
**AMPLE COLLECTED BY** : SKYLAB
**SAMPLING TIMING(DAY)** : 04:10PM
**SAMPLING TIMING(NIGHT)**: 10:00 PM

| Sr. No. | Location Name | Noise Level dB (A) | | Reference Method |
|---|---|---|---|---|
| | | Min | Max | |
| | DAY | | | IS 9989 |
| 1. | Near Utility Area | 72.1 | 73.1 | |
| 2. | Near Boiler House | 73.1 | 74.1 | |
| | NIGHT | | | |
| 1. | Near DG Area | 65.3 | 68.0 | |
| 2. | Near Boiler House | 62.1 | 69.1 | |

**Opinion/Observation:** *Noise Level is meeting requirement as per CPCB guidelines .*

Note:

| Category Area/ Zone | Limits in dB (A) | |
|---|---|---|
| | Day Time (6.00 Hrs to 22.00 Hrs) | Night Time (22.00 Hrs to 6.00 Hrs) |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

Verified by

Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

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Email - mails@skylabenviro.com Website - www.skylabenviro.com

SALAC2322020614706

ULR NO: TC0515022000008789F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
FS1 and FS2 Additional MIDC MAHAD,
Mahad 402302 Maharashtra India

**REPORT NO** : SAL/FM/111/ALS/ANM (22-23-189)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **AMBIENT NOISE LEVEL MONITORING**

**SAMPLE REGISTRATION NO.** : ANM (22-23-189)
**SAMPLING PLAN& METHOD NO.**: As per Reference Method
**SAMPLING DATE** : 22/11/2022

**AMPLE COLLECTED BY** : SKYLAB
**SAMPLING TIMING(DAY)** : 04:10PM
**SAMPLING TIMING(NIGHT)**: 10:00 PM

| Sr. No. | Location Name | Noise Level dB (A) | | Reference Method |
|---|---|---|---|---|
| | | Min | Max | |
| | **DAY** | | | IS 9989 |
| 1. | Near Utility Area | **110.1** | **120.1** | |
| 2. | Near Boiler House | **76.1** | **78.1** | |
| | **NIGHT** | | | |
| 1. | Near DG Area | **104.1** | **110.0** | |
| 2. | Near Boiler House | **72.1** | **76.1** | |

**Opinion/Observation:** *Noise Level is exceeding the limits specified as per CPCB guidelines .*

**Note:**

| Category Area/ Zone | Limits in dB (A) | |
|---|---|---|
| | Day Time (6.00 Hrs to 22.00 Hrs) | Night Time (22.00 Hrs to 6.00 Hrs) |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

**Verified by**

**Sr. Analyst**

SKYLAB Analytical Laboratory M.I.D.C. Kon * 421311 *

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

1. This report reflects findings only for the above sample tested/monitored and only for time and place of monitoring/testing.
2. This report is confidential & cannot be re-produced in part or full without permission of SKYLAB Analytical Laboratory.
3. Any attempt of forgery or misleading use of this report by any person/organization etc will attract suitable legal action against them by Skylab Analytical Laboratory.

RECOG. BY GOVT. OF INDIA (MoEFCC)
ENVIRONMENTAL LABORATORY
Sky LaB
OUR GOAL POLLUTION CONTROL

Sky LaB
ANALYTICAL LABORATORY
Accredited by NABL as per ISO/IEC 17025:2017
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TC 5150

ULR NO: TC515023000006422F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

**REPORT NO** : SAL/FM/103/ALS/IL(23-24-075)
**REPORT DATE** : 16/09/2023
**CUSTOMER REF** : PO/U2/23-24/143
**REF DATE** : 03-05-2023

**SAMPLE TYPE:**
**ILLUMINATION LEVEL MONITORING**

**SAMPLE REGISTRATION NO.** :IL(23-24-075)
**SAMPLING PLAN& METHOD NO.:** As per Reference Method
**SAMPLING DATE** :07/09/2023

**SAMPLE COLLECTED BY** : SKYLAB
**SAMPLING TIME ( DAY)** : 09:50 AM

| Sr. No. | Location Name | Unit | Result DAY | Reference Method |
|---|---|---|---|---|
| 1. | Production Block Ground Floor | Lux | 168 | SAL/MSP07/SOP/LUX/01 |
| 2. | Production Block First Floor | | 190 | |
| 3. | Production Block Second Floor | | 177 | |
| 4. | Boiler House | | 165 | |

**Opinion/Observation:** *Illumination Level is meeting requirements as per Maharashtra Factories Act Rule.*

**Note:** Illumination shall be greater than 100 Lux as per Factories Act.

**Verified by**

**Sr. Analyst**

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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202, CFC-3, Asmeeta Texpa, Addl.Kalyan-Bhiwandi Industrial Area, MIDC, Village Kon, Tal. Bhiwandi, Dist,. Thane, Maharashtra, INDIA. Pincode-421311.
**Mob.** : 9867577309-312 / 8422929165. **Email :** mails@skylabenviro.com, **Website :** www.skylabenviro.com

RECOG. BY GOVT. OF INDIA (MoEFCC)
ENVIRONMENTAL LABORATORY
Sky LaB®
OUR GOAL POLLUTION CONTROL

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ANALYTICAL LABORATORY
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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delh
▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TC 5150

ULR NO: TC515023000003342F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

REPORT NO : SAL/FM/103/ALS/IL(23-24-019)
REPORT DATE : 23/06/2023
CUSTOMER REF : PO/U2/23-24/143
REF DATE : 03-05-2023

**SAMPLE TYPE:** ILLUMINATION LEVEL MONITORING

SAMPLE REGISTRATION NO. :IL(23-24-019)
SAMPLING PLAN& METHOD NO.: As per Reference Method
SAMPLING DATE :13/06/2023

SAMPLE COLLECTED BY : SKYLAB
SAMPLING TIME ( DAY) : 09:50 AM

| Sr. No. | Location Name | Unit | Result DAY | Reference Method |
|---|---|---|---|---|
| 1. | Production Block Ground Floor | Lux | 151 | SAL/MSP07/SOP/LUX/01 |
| 2. | Production Block First Floor | | 150 | |
| 3. | Production Block Second Floor | | 130 | |
| 4. | Boiler House | | 115 | |

**Opinion/Observation:** *Illumination Level is meeting requirements as per Maharashtra Factories Act Rule.*

**Note:** Illumination shall be greater than 100 Lux as per Factories Act.

Verified by

Sr. Analyst

Analytical Laboratory M.I.D.C. KON SKYLAB 421311

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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3. Any attempt of forgery or misleading use of this report by any person/organization etc will attract suitable legal action against them by Skylab Analytical Laboratory.



202, CFC-3, Asmeeta Texpa, Addl.Kalyan-Bhiwandi Industrial Area, MIDC, Village Kon, Tal. Bhiwandi, Dist. Thane, Maharashtra, INDIA. Pincode-421311.
**Mob.** : 9867577309-312 / 8422929165. **Email :** mails@skylabenviro.com, **Website :** www.skylabenviro.com

ULR NO: TC515023000013053F

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

REPORT NO : SAL/FM/103/ALS/IL(22-23-117)
REPORT DATE : 23/03/2023
CUSTOMER REF : PO/U2/22-23/651
REF DATE : 11/10/2022

**SAMPLE TYPE:** **ILLUMINATION LEVEL MONITORING**

SAMPLE REGISTRATION NO. :IL(22-23-117)
SAMPLING PLAN& METHOD NO.: As per Reference Method
SAMPLING DATE :13/03/2023

SAMPLE COLLECTED BY : SKYLAB
SAMPLING TIME ( DAY) : 11:10 AM

| Sr. No. | Location Name | Unit | Result DAY | Reference Method |
|---|---|---|---|---|
| 1. | Production Block Ground Floor | Lux | 120.1 | SAL/MSP07/SOP/LUX/01 |
| 2. | Production Block First Floor | | 116.1 | |
| 3. | Production Block Second Floor | | 122.1 | |
| 4. | Boiler House | | 210 | |

**Opinion/Observation:** *Illumination Level is meeting requirements as per Maharashtra Factories Act Rule.*

**Note:** Illumination shall be greater than 100 Lux as per Factories Act.

Verified by

Sr. Analyst

SKYLAB Analytical Laboratory M.I.D.C. KON 421311

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

**END OF REPORT**

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**ULR NO: TC0515022000008792F**

# TEST REPORT

**NAME & ADDRESS OF CUSTOMER:**
**M/s. Aastrid Life Science Pvt. Ltd.**
B-19,MIDC Birwadi Mahad,
Raigad-402302.

**REPORT NO** : SAL/FM/103/ALS/IL(22-23-073)
**REPORT DATE** : 01/12/2022
**CUSTOMER REF** : PO/U2/22-23/651
**REF DATE** : 11/10/2022

**SAMPLE TYPE:** **ILLUMINATION LEVEL MONITORING**

**SAMPLE REGISTRATION NO.** :IL(22-23-073)
**SAMPLING PLAN& METHOD NO.:** As per Reference Method
**SAMPLING DATE** :22/11/2022

**SAMPLE COLLECTED BY** : SKYLAB
**SAMPLING TIME ( DAY)** : 11:30 AM
**SAMPLING TIME ( NIGHT)** :07:10PM

| Sr. No. | Location Name | Unit | Result | | Reference Method |
|---|---|---|---|---|---|
| | | | DAY | NIGHT | |
| 1. | Production Block Ground Floor | Lux | 190 | 120 | SAL/MSP07/SOP/LUX/01 |
| 2. | Production Block First Floor | Lux | 190 | 172 | |

**Opinion/Observation:** *Illumination Level is meeting requirements as per Maharashtra Factories Act Rule.*

**Note:** Illumination shall be greater than 100 Lux as per Factories Act.

**Verified by**

**Sr. Analyst**

**For SKYLAB ANALYTICAL LABORATORY**

**Technical Manager**
**Authorized Signatory**

**END OF REPORT**

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# Annexure –VII

Mock drill report

DISH- ALSPL: UNIT II: MAHAD:2022

Date-26.12.2022

To,

Dy. Director,

Industrial Safety & Health,

Kokan Bhavan,5th Floor,

C.B.D. Belapur,

Navi Mumbai,400614

Subject- Submission of Mock Drill Report

Respected Sir,

With respect to above subject, I would like to inform you that we have conducted mock drill on dated 23.12.2022 at 14.13 hr. Please find herewith detail hard copy of report along with some photographs. We hereby assure you that we will conduct the mock drill periodically.

Regards,

AASTRID LIFE SCIENCES PVT. LTD.

Mr.P.R. Gaikar

(Unit Head)

M/S Aastrid Life Sciences Pvt.Ltd.

FS1,FS2,Additional MIDC Mahad, Tal-Mahad, Dist-Raigad

# AASTRID LIFESCIENCES PVT LTD

**FS1,FS2, ADDITIONAL MIDC MAHAD, TAL-MAHAD, DIST- RAIGAD**

## MOCK DRILL REPORT

| | | |
|---|---|---|
| Emergency scenario | : | Fire in Claas A storage yard. |
| Date of Mock Drill | : | 23.12.2022 |
| Time of Mock Drill | : | 14.13 Hrs. |
| Response Time | : | 14.13 hr to 14.34 hr (21.00 minutes) |

**Description of Scenario:**

During dispensing of methanol from drum to drum in class A storage yard,solvent drum contianning methanol caught fire in drum and then near by area.Mr.Sandip Kalgude dgot first aid burn injury.

| Sr. No | Name of Observer | Location |
|---|---|---|
| 01 | Mr. Sadashiv Jadhav | Assembly point |
| 02 | Mr. Rajendra Newase | Incident point |
| 03 | Mr. Shekhar Jadhav | Corridor between assembly point to Incident spot |

**Following members participated in Mock Drill:**

1. Mr. Prasad Gaikar: Site main Controller
2. Mr. imran Kuldunkar: Incident Controller
3. Mr. Pratik Bagade: Store Incharge
4. Mr. Subrato Mandal: First Observer
5. Mr. sandip Kalgude: Injured worker
6. Mr. Chetan Utekar: Messenger
7. Mr. Rakesh Giri: Electrician
8. Mr. Pravin Desai: First aider
9. Mr. Sameer Gurav: First aider
10. Mr. Akshay Dalvi: Fire fighter
11. Mr. Badal Bhalekar: Fire fighter
12. Mr. Mahendra Mahamunkar: Fire fighter
13. Mr. Anil Pawar: Ambulance driver
14. Mr. Santosh More: Security In charge
15. Mr. Ganesh Bamane: Assembly point I in charge

**OBSERVATIONS:**

| Sr. No. | Response Time Hrs | Activity |
|---|---|---|
| 1 | 14.13:00 | First Observer shouted the fire in class A storage yard and Mr. Sandip Kalgude get injured. |
| 2 | 14.13:30 | Mr. Subrato Mandal inform to security depatment Mr. Santosh More & then to site head Mr.Prasad Gaikar. |
| 3 | 14.14:00 | Mr. Santosh More also inform to production head Mr. Imran Kuldunkar about emergency situation |
| 4 | 14.14:15 | Emergency siren blown. |
| 5 | 14.14: 45 | Incident controller reach at incident spot & Site Main Controller also reaches at emergency control center (i.e., Main gate Security cabin) |
| 6 | 14.15.50 | Incident controller communicate to Site Main Controller about situation & help. |
| 7 | 14.17:00 | SMC informed to Communication team to arrange and send the vehicle/ambulance along with first aid team. |
| 8 | 14.18:30 | First aider arrived at incident location and pick up the causality. |
| 9 | 14.19:00 | Casualty send to Dr Jogdand hospital for medical treatment. |
| 10 | 14.19.50 | SMC send fire fighter squad at incident spot. |
| 11 | 14.21 | Fire fighter squad rush towards incident spot along with fire hydrant hoses, foam can & foam branch. Electrician alsó taken charge of fire engine simultaneously. |
| 12 | 14.24.10 | Extinguished fire with help of fire hydrant & prtable foam monitor. |
| 13 | 14.26 | Incident controller informed to Site Main Controller, situation under control. |
| 14 | 14.30 | Assembly point in charge taken head count of all worker along with all participant (Total head count = 123) |

| | | |
|---|---|---|
| 16 | 14.33.00 | Company vehicle (i.e., Ambulance arrival at factory from Dr.Jogdand Hospital). Response time 10:00 minutes |
| 18 | 14.34.00 | Site main Controller inform to security in charge to blow all clear siren. |

**Area for improvement:**

| Sr. | Observation | Action Plan | Responsibility | Target Date |
|---|---|---|---|---|
| 1. | Civil contract worker not know,how to react in emergency situation. | Needs training to contract worker. | Production | Immediate |
| 2. | Emergency vehicle speed was more in factory premices,driver get humbled. | Needs training to driver. | EHS Dept. | Immediate |
| 3 | Emergency vehicle went out of factory premices without any information to security person.Security person also not interogate with driver. | Need more training to security and driver | EHS Dept. | Immediate |
| 4 | Security taken long time to head count. Total employee =123 Head count =123 | To be make proper sheet to take head count department wise | HR/Admin Dept. | Immediate |
| 5 | Casual approach of QC officer during rush towards assembly point | To be give training about mock drill. | EHS Dept. | Immidiate |

**EHS Incharge**

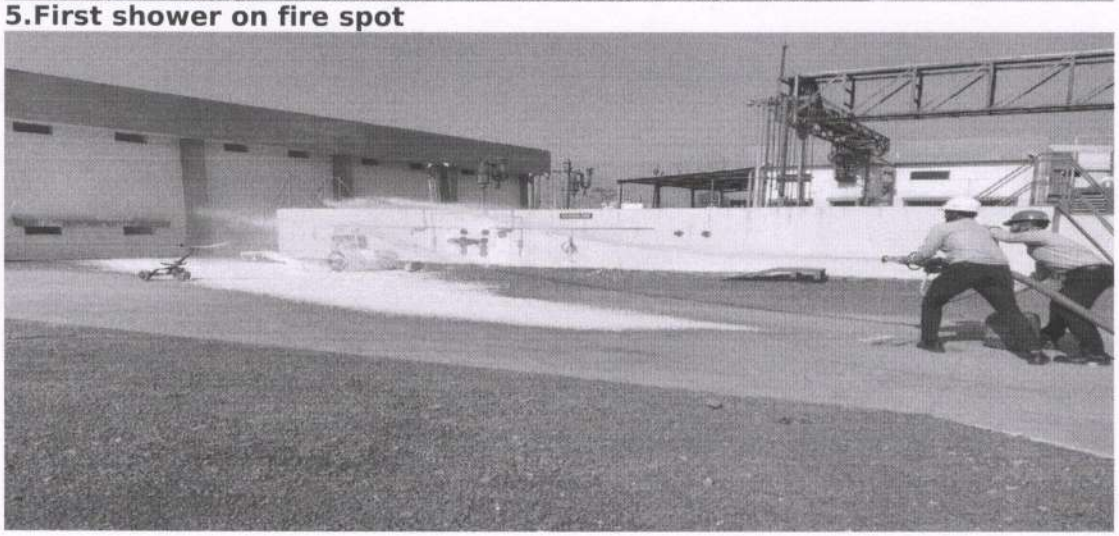
**1.Injured person at incident spot**

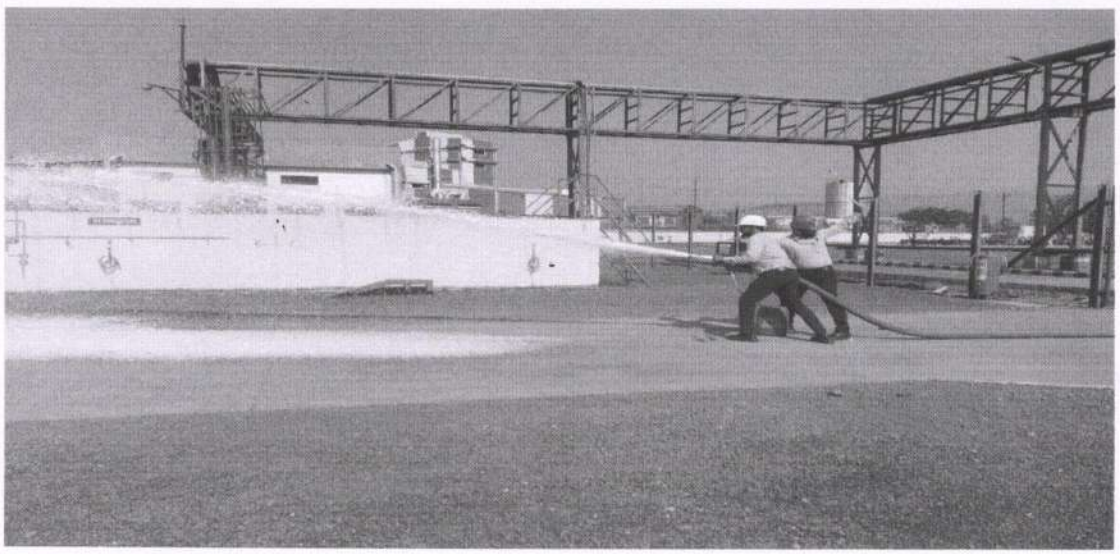
**2. Casualty taken away from incident spot.**

**3.Injured person shifted for medical aid.**

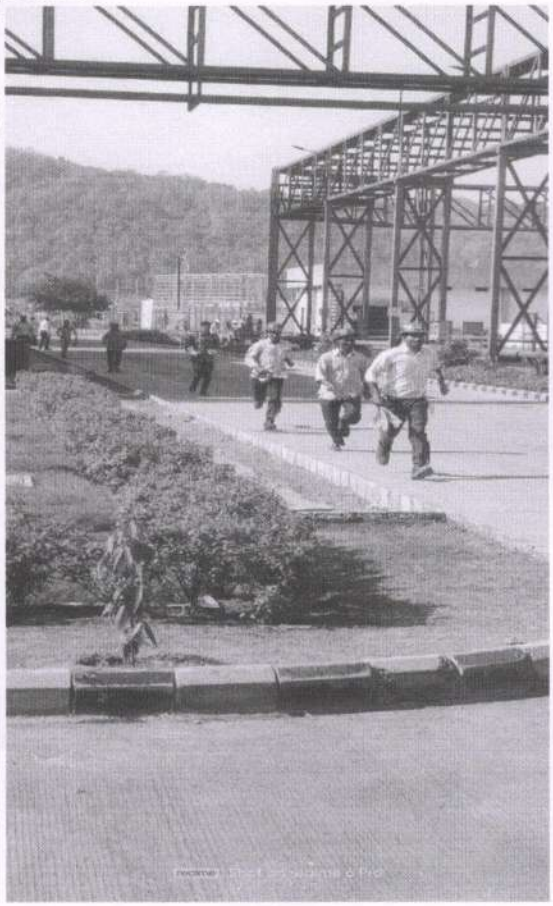
**4.Fire fighter in action mode**

**5.First shower on fire spot**





**6.Worker's rush towards assembly point.**



**6.Assembly point.**

**7. Site Main Controller addressing to all employees.**

# Annexure – VIII

EMP Cost Breakup

Aastrid Life - Unit-2

# FORM NO - 07

FORM 7(See Rule 18(7) and Schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII & XX to Rule 114)

# HEALTH REGISTER

**(In respect of persons employed in occupations declared to be dangerous operation under Sec. 87)**

From To

**Name of Certifying Surgeon:(a) Dr. Parag Gaiki. MBBS, AFIH.** From _____ To _____

**Company Name: Aastrid Life Sciences Pvt.Ltd. Unit 2.**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Mr. Ganesh L. Bamane. | M | 48 | | | | Head - HR & Admin. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 2 | Mr. Prasad R. Gaikar. | M | 49 | | | | GM - Operation. | Methonol, , H2So4, HCL,NaOH Flakes Ethyl Acetate, Amonia | 16-12-2022 | Consult physician for raised blood pressure | | | | |
| 3 | Mr. Pravin D. Desai. | M | 38 | | | | Asst. Manager - QA. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 4 | Mr. Santosh M. Uttekar. | M | 43 | | | | Assistant office boy - HR/ Admin. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 5 | Mr. Uttam G. Bhonkar. | M | 52 | | | | ME Fitter | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 6 | Mr. Shekhar V. Jadhav. | M | 47 | | | | Asst. Manager - Pilot plant. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 7 | Mr. Sadashiv N. Jadhav. | M | 66 | | | | AGM - Project & Maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 8 | Mr. Sunil A. Shinde. | M | 45 | | | | Asst. Manager - PD Lab. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 9 | Mr. Dinesh V. Mahadik. | M | 36 | | | | Asst. Manager - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 16-12-2022 | Medically Fit. | | | | |
| 10 | Mr. Sagar B. Sanas. | M | 37 | | | | Jr. Store Keeper. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 11 | Mr. Rakesh S. Giri. | M | 43 | | | | Officer - Engeeneering | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 12 | Mr. Pratik B. Bagade. | M | 34 | | | | Executive - Warehouse. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 13 | Mr. Ajit Y. Kadam. | M | 32 | | | | Sr. Executive - Stores. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |

Dr. PARAG V. GAIKI
MD AFIH
Reg No.2009/12/3858
Certifying Surgeon

Dr. PARAG V. GAIKI
MD AFIH
Reg No.2009/12/3858
Certifying Surgeon

| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 14 | Mr. Subnata Mandal. | M | 30 | | | | Jr. Assistant - Stores. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 15 | Mr. Akshay U. Dalvi. | M | 28 | | | | Officer - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 16-12-2022 | Medically Fit. | | | | |
| 16 | Mr. Roshan L. Bhoir. | M | 28 | | | | Sr. Technician - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 16-12-2022 | Medically Fit. | | | | |
| 17 | Mr. Imran A. Kuldunkar. | M | 33 | | | | Asst. Manger - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 18 | Mr. Ladu S. Gawade. | M | 48 | | | | Officer maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Consult physician for raised blood pressure. | | | | |
| 19 | Mr. Santosh D. Shinde. | M | 32 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | Dr. PARAG V. GAIKI MD AFIH Reg No.2008/12/3858 Certifying Surgeon |
| 20 | Mr. Aniket S. Mohite. | M | 22 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 21 | Mr. Nilkantheshwar B. Jagtap. | M | 34 | | | | Storekeeper - Store. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 22 | Mr. Santosh B. Pawar. | M | 34 | | | | Executive - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 23 | Mr. Maroof M. Wavekar. | M | 24 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 24 | Mr. Badal C. Bhalekar. | M | 26 | | | | Store officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 25 | Mr. Mahadev B. Golambade. | M | 29 | | | | Technician - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 16-12-2022 | Medically Fit. | | | | |
| 26 | Mr. Kalpesh R. Kalgude. | M | 24 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 27 | Mr. Omkar M. Joshi. | M | 30 | | | | Engg - Maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 28 | Mr. Pradip P. Mohite. | M | 34 | | | | Technician - Engg. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 29 | Mr. Ganesh A. Chavan. | M | 23 | | | | Jr. Fitter - Mech. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 30 | Mr. Yash P. Sawant. | M | 22 | | | | Jr. Tech. Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | Dr. PARAG V. GAIKI MD AFIH Reg No.2008/12/3858 Certifying Surgeon | | | |

| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 31 | Mr. Pratik A. Jadhav. | M | 24 | | | | Jr. Tech. Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 32 | Mr. Mallesh B. Ranagate. | M | 26 | | | | Sr. Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 33 | Mr. Ganesh S. Jadhav. | M | 22 | | | | Jr. Tech. Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 34 | Mr. Sumit S. Jadhav. | M | 28 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 35 | Mr. Sarvesh S. Jadhav. | M | 23 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 36 | Mr. Sahil V. Pimpalkar. | M | 32 | | | | Sr. Officer - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 37 | Mr. Sameer S. Gurav. | M | 33 | | | | Executive - QA. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 38 | Mr. Sujit D. Bhoy. | M | 32 | | | | Officer - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 39 | Mr. Akshay S. Desai. | M | 29 | | | | Officer engg. - ME. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 40 | Mr. Swaraj S. Murudkar. | M | 23 | | | | Jr. Chemist - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 50 | Mr. Kundan N. Kalange. | M | 29 | | | | Officer - QA. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 42 | Mr. Aniket N. Kadam. | M | 25 | | | | Jr. Chemist - Production Lab. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Consult ophthalmologist for colour blindness. | | | | |

Dr. PARAG V. GAIKI
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Reg No.2009/12/3858
Certifying Surgeon

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| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 43 | Mr. Nikhil P. Jedhe. | M | 27 | | | | Officer - Electrical. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 44 | Mr. Abhishek A. Kadam. | M | 38 | | | | Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 45 | Mr. Prathmesh D. Mhatre. | M | 25 | | | | Jr. Tech. Engg. - Maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 46 | Mr. Aniket K. Jagtap. | M | 24 | | | | Pilot plant. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 47 | Mr. Vishal P. Umaratkar. | M | 22 | | | | Chemist - PD Lab. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 48 | Mr. Manoj A. Sakpal. | M | 26 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 49 | Mrs. Nutan P. Mhetre. | F | 35 | | | | Sr. Executive - QA. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
| 50 | Mr. Wasim M. Kanekar. | M | 23 | | | | Safety officer - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 16-12-2022 | Medically Fit. | | | | |
| 51 | Miss. Asawari S. Kale. | F | 26 | | | | Trainee - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 52 | Mr. Darshan M. Jangam. | M | 27 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 53 | Mr. Ganesh K. Bhalekar. | M | 26 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 54 | Mr. Pratik G. Malavade. | M | 29 | | | | Officer - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 55 | Mr. Dipak B. More. | M | 24 | | | | Worker Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |

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| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 56 | Mr. Vivek S. Gagare. | M | 26 | | | | Pilot plant. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 57 | Mr. Darshan M. Mhamunkar. | M | 25 | | | | Electrician Engg. - Maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 58 | Mr. Sanket C. Kadam. | M | 26 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 59 | Mr. Anant V. Gogawale. | M | 33 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 60 | Mr. Sourabh S. More. | M | 23 | | | | Jr. Tech. Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 61 | Mr. Rajat H. Gole. | M | 25 | | | | Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 16-12-2022 | Medically Fit. | | | | |
| 62 | Mr. Akshay A. Indulkar. | M | 27 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 63 | Mr. Gaurav S. Jadhav. | M | 22 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 64 | Mr. Amar A. Badadade. | M | 31 | | | | Technician - Engg. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 65 | Mr. Akash A. Salunke. | M | 25 | | | | Jr. Tech. Engg. - Maint. | Oil, Grease, Methonol, LDO | 16-12-2022 | Medically Fit. | | | | |
| 66 | Mr. Tushar S. Rane. | M | 26 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 67 | Mr. Tejas P. Dharap. | M | 29 | | | | Chemist - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Consult ophthalmologist for colour blindness. | | | | |
| 68 | Mr. Sunil B. Gophane. | M | 34 | | | | Executive - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 16-12-2022 | Medically Fit. | | | | |
| 69 | Mr. Rupesh S. Sakpal. | M | 30 | | | | Account. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |

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| 70 | Mr. Asif A. Noori. | M | 35 | | | | Jr. Officer - HR. | No Any Chemiccal | 16-12-2022 | Medically Fit. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 71 | Mr. Siddhesh V. Dhondge. | M | 30 | | | | ZLD Technician - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 17-12-2022 | Medically Fit. | | | | |
| 72 | Mr. Zaid N. Chogule. | M | 26 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 17-12-2022 | Medically Fit. | | | | |
| 73 | Mr. Babu R. Chandhvikar | M | 36 | | | | Executive - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 17-12-2022 | Medically Fit. | | | | |
| 74 | Mr. Mahendra S. Mhamunkar. | M | 35 | | | | EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 20-12-2022 | Medically Fit. | | | | |
| 75 | Mr. Rohit R. Mane. | M | 22 | | | | Electrician. | Oil, Grease, Methonol, LDO | 20-12-2022 | Medically Fit. | | | | |
| 76 | Mr. Prasad T. Kumbhar. | M | 29 | | | | Trainee Engg. | Oil, Grease, Methonol, LDO | 21-12-2022 | Medically Fit. | | | | |
| 77 | Mr. Ashutosh B. Rathod. | M | 24 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 21-12-2022 | Medically Fit. | | | | |
| 78 | Mr. Atish M. Chalke. | M | 28 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 21-12-2022 | Medically Fit. | | | | |
| 79 | Mr. Akash P. Belambe. | M | 23 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 21-12-2022 | Medically Fit. | | | | |
| 80 | Mr. Ganesh J. Kharade. | M | 30 | | | | Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 21-12-2022 | Medically Fit. | | | | |
| 81 | Mr. Santosh G. Gavali. | M | 28 | | | | Operator - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 22-12-2022 | Medically Fit. | | | | |
| 82 | Mr. Amol V. Pawar. | M | 30 | | | | Sr. Officer - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 22-12-2022 | Consult ophthalmologist for colour blindness. | | | | |
| 83 | Mr. Kunal U. Pujari. | M | 27 | | | | Store officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 23-12-2022 | Medically Fit. | | | | |
| 84 | Mr. Aniket S. Deshmukh. | M | 32 | | | | Jr. Tech. Engg. - Maint. | Oil, Grease, Methonol, LDO | 23-12-2022 | Medically Fit. | | | | |
| 85 | Mr. Sandesh P. Dhotre. | M | 39 | | | | Technician-Production | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 23-12-2022 | Medically Fit. | | | | |
| 86 | Mr. Tushar P. Zolage. | M | 32 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |

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| 87 | Mr. Abhijeet M. Mhaske. | M | 26 | | | | Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 | Mr. Ajay K. Gupta. | M | 27 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |

| Sr No | Name of the Workers | Sex | Age | Date of Employment of present work | Date of leaving or transfer to other work | Reason for leaving,transfer or discharge | Nature of job or occupation | Raw Material or bye product handled | Dates of Medical Examination by Certifying Sergaon & result of medical Examination | Result of Medical Examination Physician Remarks | If Suspended from work state period of suspension with detailed reason | Certified fit to resume duty on with signature of certifying Sergeon | 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 |
| 89 | Mr. Omkar M. Deshpande. | M | 28 | | | | Engg - Maint. | Oil, Grease, Methonol, LDO | 27-12-2022 | Medically Fit. | | | | |
| 90 | Mr. Abjan S. Kudupkar. | M | 26 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |
| 91 | Mr. Suraj V. Tembe. | M | 26 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |
| 92 | Mr. Akshay A. Khatate. | M | 29 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |
| 93 | Mr. Ramesh V. Palkar. | M | 28 | | | | Jr. Supervisor - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 27-12-2022 | Medically Fit. | | | | |
| 94 | Mr. Ajit A. More. | M | 24 | | | | Safety officer - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 27-12-2022 | Medically Fit. | | | | |
| 95 | Mr. Dnyaneshwar S. Dhanawade. | M | 23 | | | | Technician - Pilot plant. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |
| 96 | Mr. Yogesh M. Chavan. | M | 32 | | | | Sr. Technician - Engg. | Oil, Grease, Methonol, LDO | 28-12-2022 | Medically Fit. | | | | |
| 97 | Mr. Sandip K. Shirke. | M | 27 | | | | Jr. Tech. Engg. - Maint. | Oil, Grease, Methonol, LDO | 28-12-2022 | Medically Fit. | | | | |
| 98 | Mr. Vaibhav D. Shinde. | M | 31 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |
| 99 | Mr. Kishor K. Bhalekar. | M | 28 | | | | Officer - EHS. | Sulpharic acid, Nitric acid. HCL Naoh | 28-12-2022 | Consult ophthalmologist for colour blindness. | | | | |
| 100 | Mr. Chandrakant S. Kakade. | M | 31 | | | | Executive - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |
| 101 | Mr. Rakesh S. Shirke. | M | 28 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |
| 102 | Mr. Krushna R. Mahadik. | M | 29 | | | | Sr. Officer - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |
| 103 | Mr. Saurabh V. Mhaske. | M | 26 | | | | Officer - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality | 28-12-2022 | Medically Fit. | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | Mr. Prakash N. Bamugade. | M | 31 | | | | Sr. Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 28-12-2022 | Medically Fit. | | | | |
| **Sr No** | **Name of the Workers** | **Sex** | **Age** | **Date of Employment of present work** | **Date of leaving or transfer to other work** | **Reason for leaving,transfer or discharge** | **Nature of job or occupation** | **Raw Material or bye product handled** | **Dates of Medical Examination by Certifying Sergaon & result of medical Examination** | **Result of Medical Examination Physician Remarks** | **If Suspended from work state period of suspension with detailed reason** | **Certified fit to resume duty on with signature of certifying Sergeon** | **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** |
| 105 | Mr. Ajit H. Parte. | M | 27 | | | | Production officer. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 28-12-2022 | Medically Fit. | | | | |
| 106 | Mr. Yogesh M. Bhosale. | M | 26 | | | | Maint. | Oil, Grease, Methonol, LDO | 28-12-2022 | Medically Fit. | | | | |
| 107 | Mr. Dhanjay N. Jadhav. | M | 28 | | | | Jr. Tech. Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 30-12-2022 | Medically Fit. | | | | |
| 108 | Mr. Mayur V. Jadhav. | M | 30 | | | | Executive - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 31-12-2022 | Medically Fit. | | | | |
| 109 | Mr. Suraj S. Chavan. | M | 24 | | | | Technician - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 31-12-2022 | Medically Fit. | | | | |
| 110 | Mr. Jitesh B. Jadhav. | M | 41 | | | | Asst. Manger - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 02-01-2023 | Medically Fit. | | | | |
| 111 | Mr. Vishal S. Malusare. | M | 27 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 02-01-2023 | Medically Fit. | | | | |
| 112 | Mr. Roshan S. Pol. | M | 24 | | | | Operator - Production. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 02-01-2023 | Medically Fit. | | | | |
| 113 | Mr. Avinash S. Dere. | M | 26 | | | | Chemist - QC. | Methonol, H2So4, HCL,NaOH Flakes, Ethyl Acetate, Amonia, Chlorine,PoCl3 & Speciality Chemicals | 02-01-2023 | Medically Fit. | | | | |

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114 Mr sanket Malgurkar M 31 — Exect-Prod — 13/1/23 — Medically Fit

115 Mr Aditya Shinde M 29 — Executive — 13/1/23 — Medically Fit

116 Mr Omkar Khardekar M 30 — Jr. Exect — 13/1/23 — Medically Fit

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# Annexure –IX

Occupational Health Centre

# AASTRID LIFE SCIENCES PVT LTD

**PLOT FS1, FS2, FIVE STAR MIDC MAHAD, VILLAGE AMSHET, TAL-MAHAD, DIST-RAIGAD.**

Admin Building


Utility Building

# AASTRID LIFE SCIENCES PVT LTD

**PLOT FS1, FS2, FIVE STAR MIDC MAHAD, VILLAGE AMSHET, TAL-MAHAD, DIST-RAIGAD.**


# Annexure –X

Valid MWML Certificate

Sustainability

# Mumbai Waste Management Limited

# CERTIFICATE OF MEMBERSHIP

M/S. AASTRID LIFE SCIENCES PVT. LTD.

***is a registered member of***

***CHW-TSDF at MIDC - Taloja for***

***safe and secure disposal of***

***Hazardous waste.***

***Membership No: MWML-HZW -*** MHD - 4423

***This Certificate is valid up to*** 31st MARCH 2025

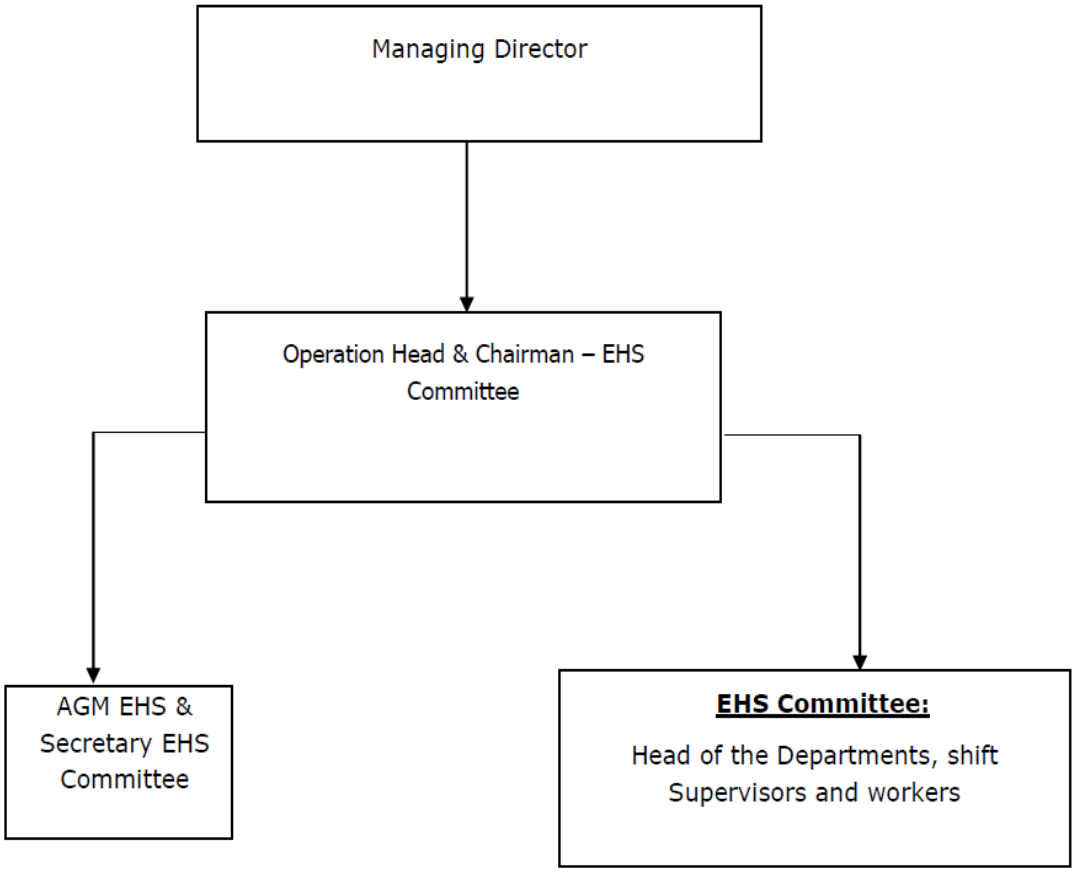
Onkar Kulkarni
Manager - BMD

Somnath Malgar
Director

# Annexure –XI

Environment Management Cell

**Hierarchy of Environment Management Cell**



# Annexure –XII

EMP Cost Details

| Aastrid Lifescience PVT LTD | | | |
|---|---|---|---|
| EMP Cost | | | |
| Sr.No | | Recuring cost Per Annum(Rs) | Capital Cost(Rs) |
| 1 | Air Pollution Control | 47785 | Nil |
| 2 | Water Pollution Control | 10560000 | 350000 |
| 3 | Noise Pollution Control | 3040 | Nil |
| 4 | Enviroment moniotring | 105934 | 25000 |
| 5 | Occupational health | 150000 | Nil |
| 6 | Green belt | 50000 | Nil |
| 7 | Solid Waste Management | 10158150 | Nil |
| 8 | Rain Water Harvesting | 30000 | Nil |
| | | 2.11 cr | 3.75 Lakh |

# Annexure –XIII

Form V

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-0000061824 | 30-09-2023 |

## PART A

### Company Information

| Company Name | Application UAN number |
|---|---|
| Aastrid Life Sciences PVT LTD, | Format1.0/CC/UAN No.0000123206/CO-2111000838 |

**Address**
PLOT NO FS-1 & FS-2, FIVE STAR INDUSTRIAL AREA MAHAD VILLAGE- AMSHE, TALUKA-MHAHAD, DIST-RAIGAD

| Plot no | Taluka | Village |
|---|---|---|
| FS-1 & FS-2,Additional Industrial Area | MAHAD | AMSHAT |
| **Capital Investment (In lakhs)** | **Scale** | **City** |
| 73.1819 Crs | LSI | MAHAD |
| **Pincode** | **Person Name** | **Designation** |
| 402301 | Mr. Jitendra Jadhav | Associated Vice President |
| **Telephone Number** | **Fax Number** | **Email** |
| 7304494251 | 0 | jitendra.jadhav@aastrid.com |
| **Region** | **Industry Category** | **Industry Type** |
| SRO-Mahad | Red | R58 Pharmaceuticals |
| **Last Environmental statement submitted online** | **Consent Number** | **Consent Issue Date** |
| yes | Format 1.0/CC/UAN No.0000123206/CO-2111000838 | 2021-11-22 |
| **Consent Valid Upto** | **Establishment Year** | **Date of last environment statement submitted** |
| 2026-10-31 | 2021 | Jan 1 1900 12:00:00:000AM |

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

### Product Information

| Product Name | Consent Quantity | Actual Quantity | UOM |
|---|---|---|---|
| (S)-n-ethyl-2-Aminomethyl Pyrrolidine | 42 | 19.1 | MT/A |
| N-ethyl-2-Aminomethyl Pyrrolidine | 80 | 18.9 | MT/A |
| 2-Amino-3-Nitro-6-Chloropyridine | 17 | 13.4 | MT/A |
| 5,6 Dimethoxy Indanone | 42 | 6.79 | MT/A |
| 5-Chloro-3-Sulfonamide Acetate Thiopene-2-Carboxylate | 42 | 39.2 | MT/A |
| (S)-3-Hydroxy Tetrahydrofuranteran | 25 | 23.9 | MT/A |

| | | | |
|---|---|---|---|
| N-(4-Aminobenzoyl)-beta aniline | 42 | 31.1 | MT/A |
| 6-[methyl (phenyl sulfonyl)amino]-hexanoic acid | 209 | 85.0 | MT/A |

***By-product Information***

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

## Part-B (Water & Raw Material Consumption)

***1) Water Consumption in m3/day***

| ***Water Consumption for*** | ***Consent Quantity in m3/day*** | ***Actual Quantity in m3/day*** |
|---|---|---|
| ***Process*** | 67.00 | 18.00 |
| ***Cooling*** | 502.00 | 125.00 |
| ***Domestic*** | 10.00 | 4.00 |
| ***All others*** | 38.00 | 7.00 |
| ***Total*** | 617.00 | 154.00 |

***2) Effluent Generation in CMD / MLD***

| ***Particulars*** | ***Consent Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| Trade Effluent | 100 | 66 | CMD |
| Domestic Effluent | 8 | 4 | 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*** |
|---|---|---|---|
| (S)-3- Hydroxy tetrahydrofuran | 9 | 22 | CMD |
| 2,4,5-Trimethoxy Benzoic acid | 35 | 0 | CMD |
| 2-Aminithiazol-4Carboxalic acid ethyl ester | 14 | 0 | CMD |
| (1S0-2-(dimethyl amino-1-phenylethanol | 4 | 0 | CMD |
| Cyclo butyl carbinol | 8 | 0 | CMD |
| 6-Brmmo 2-naptholic acid methyl ester | 6 | 0 | CMD |
| (S)-n-ethyl-2-Aminomethyl Pyrrolidine | 0 | 18 | CMD |
| N-ethyl-2-Aminomethyl Pyrrolidine | 0 | 17 | CMD |
| 2-Amino-3-Nitro-6-Chloropyridine | 0 | 14 | CMD |
| 5,6 Dimethoxy Indanone | 0 | 6 | CMD |
| 5-Chloro-3-Sulfonamide Acetate Thiopene-2-Carboxylate | 0 | 23 | CMD |
| N-(4-Aminobenzoyl)-beta aniline | 0 | 22 | CMD |
| 6-[methyl (phenyl sulfonyl)amino]-hexanoic acid | 0 | 28 | 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*** |
|---|---|---|---|
| N-Ethyl-2 Pyrrolidons (CAT-1) | 2.480 | 92 | MT/A |
| Di methyl Sulphate | 3.255 | 102.7 | MT/A |

| | | | |
|---|---|---|---|
| 2,6, Dichloropyridine | 0 | 23 | MT/A |
| Sodium Bicarbonate | 0 | 1.5 | MT/A |
| Liquid Ammonia | 61.20 | 82.0 | MT/A |
| DMF | 0 | 58.0 | MT/A |
| Veratrole | 0 | 7.6 | MT/A |
| Aluminium Chloride | 0 | 8.9 | MT/A |
| Sulphuric Acid | 18.78 | 48 | MT/A |
| Methyl-3-Chlorosulphonyl Thiopene-2-Carboxylate | 0 | 86 | MT/A |
| Chloroform | 0 | 80 | MT/A |
| Tri Ethyl Amine | 0 | 69.0 | MT/A |
| S-Chloro-3-hydroxybutanoate | 0 | 79 | MT/A |
| Sodium Borohydride | 0 | 18.9 | MT/A |
| Methanol | 0 | 150 | MT/A |
| Sodium Hydroxide flex | 0 | 9.4 | MT/A |
| Toluene | 0 | 60 | MT/A |
| Diethyl Malonate | 64.42 | 00 | MT/A |
| POCl3 | 78.5 | 0 | MT/A |
| Sodium Methoxide Solution 30% | 64.9 | 0 | MT/A |
| MDC | 1.865 | 0 | MT/A |
| Para Chloro Aniline | 4.425 | 0 | MT/A |
| Zinc Chloride Anhydrous | 5.405 | 0 | MT/A |
| Nitro Methane | 0 | 52.5 | MT/A |

### *4) Fuel Consumption*

| ***Fuel Name*** | ***Consent quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| Briquette | 6570 | 2372 | MT/A |
| HSD | 1000 | 19068 | Ltr/A |
| LDO | 792 | 17600 | Ltr/A |

## Part-C

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

### *[A] Water*

| ***Pollutants Detail*** | ***Quantity of Pollutants discharged (kL/day)*** | ***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 | 7.0 | 0 | 5.5 to 9.0 | NA |
| COD | 1.4 | 20 | 0 | 250 | NA |
| BOD | 0.35 | 5 | 0 | 30 | NA |
| TSS | 0.84 | 12 | 0 | 100 | 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 |
|---|---|---|---|---|---|
| TPM | 6.2 | 47.2 | 0 | 150 Mg/NM3 | NA |
| SO2 | 5.1 | 0.65 | 0 | 21.6 kg/day | NA |
| ACID MIST | 6.3 | 6.2 | 0 | 35 Mg/NM | 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 | 8.18 | 15.240 | MT/A |
| 35.3 Chemical sludge from waste water treatment | 0 | 0 | MT/A |
| 37.3 Concentration or evaporation residues | 0 | 0 | MT/A |
| 28.3 Spent carbon | 0 | 0 | MT/A |
| 28.2 Spent catalyst | 0 | 0 | MT/A |
| 28.6 Spent organic solvents | 0 | 0 | MT/A |

#### 2) From Pollution Control Facilities

| Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| 35.3 Chemical sludge from waste water treatment | 0 | 27.320 | MT/A |
| 37.3 Concentration or evaporation residues | 0 | 90.870 | MT/A |
| 28.6 Spent organic solvents | 0 | 10.870 | MT/A |

## Part-E

### SOLID WASTES

#### 1) From Process

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| Briquetts Ash | 20 | 680 | MT/A |

#### 2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| NA | 0 | 0 | MT/A |

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

| Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| 28.2 Spent catalyst | 0 | 0 | MT/A |
| 28.6 Spent organic solvents | 0 | 0 | MT/A |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 0 | 0 | Nos./Y |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 0 | 0 | MT/A |

## Part-F

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

### 1) Hazardous Waste

| Type of Hazardous Waste Generated | Qty of Hazardous Waste | UOM | Concentration of Hazardous Waste |
|---|---|---|---|
| 28.1 Process Residue and wastes | 15.240 | MT/A | NA |
| 35.3 Chemical sludge from waste water treatment | 27.320 | MT/A | NA |
| 37.3 Concentration or evaporation residues | 90.870 | MT/A | NA |
| 28.6 Spent organic solvents | 10.870 | MT/A | NA |

### 2) Solid Waste

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

## Part-G

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

| Description | Reduction in Water Consumption (M3/day) | Reduction in Fuel & Solvent Consumption (KL/day) | Reduction in Raw Material (Kg) | Reduction in Power Consumption (KWH) | Capital Investment(in Lacs) | Reduction in Maintenance(in Lacs) |
|---|---|---|---|---|---|---|
| NA | 6 | 0 | 0 | 0 | 20 | 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) |
|---|---|---|
| Improvement in ETP Plant | Provided New sludge drying beds & filter Press | 20 |

### [B] Investment Proposed for next Year

| Detail of measures for Environmental Protection | Environmental Protection Measures | Capital Investment (Lacks) |
|---|---|---|
| Recycling of Steam Condensate | 0 | 10 |
| ETP/MEE/RO Modification | 0 | 40 |

## Part-I

### Any other particulars for improving the quality of the environment.

**Particulars**

Additional MIDC Mahad

**Name & Designation**

Mr. Jitendra Jadhav (Associated Vice President)

**UAN No:**

MPCB-ENVIRONMENT_STATEMENT-0000061824

**Submitted On:**

30-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

# FORM V

**(See Rule 14)**

**Environmental Audit Report for the financial Year ending the 31st March 2022**

| ***Unique Application Number*** | ***Submitted Date*** |
|---|---|
| MPCB-ENVIRONMENT_STATEMENT-0000050029 | 30-09-2022 |

## PART A

### *Company Information*

| ***Company Name*** | ***Application UAN number*** |
|---|---|
| Aastrid Life Sciences PVT LTD, | Format1.0/CC/UAN No.0000123206/CO-2111000838 |

***Address***

PLOT NO FS-1 & FS-2, FIVE STAR INDUSTRIAL AREA MAHAD VILLAGE- AMSHE, TALUKA-MHAHAD, DIST-RAIGAD

| ***Plot no*** | ***Taluka*** | ***Village*** |
|---|---|---|
| FS-1 & FS-2,Additional Industrial Area | MAHAD | AMSHAT |
| ***Capital Investment (In lakhs)*** | ***Scale*** | ***City*** |
| 73.1819 Crs | LSI | MAHAD |
| ***Pincode*** | ***Person Name*** | ***Designation*** |
| 402301 | Mr. PRASAD GAIKAR | Unit Head |
| ***Telephone Number*** | ***Fax Number*** | ***Email*** |
| 7304494251 | | prasad.gaikar@aastrid.com |
| ***Region*** | ***Industry Category*** | ***Industry Type*** |
| SRO-Mahad | Red | R58 Pharmaceuticals |
| ***Last Environmental statement submitted online*** | ***Consent Number*** | ***Consent Issue Date*** |
| no | Format 1.0/CC/UAN No.0000123206 | 2021-11-22 |
| ***Consent Valid Upto*** | ***Establishment Year*** | ***Date of last environment statement submitted*** |
| 2026-10-31 | 2021 | Sep 30 2022 12:00:00:000AM |

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

### *Product Information*

| ***Product Name*** | ***Consent Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| (S)-3-Hydroxy tetrahydrofuran | 25 | 0.2 | MT/A |
| 2,4,5-Trimethoxy Benzoic acid | 25 | 0.75 | MT/A |
| 2-Aminothiazol-4-carboxylic Acid Ethyl Ester | 25 | 0.3 | MT/A |
| (1S)-2-(Dimethyl amino )-1-phenyl ethanol | 17 | 0.1 | MT/A |
| Cyclo butyl carbinol | 17 | 0.13 | MT/A |
| 6-Bromo 2-naptholic acidmethyl ester | 17 | 0.25 | MT/A |

### By-product Information

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

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

| Water Consumption for | Consent Quantity in m3/day | Actual Quantity in m3/day |
|---|---|---|
| Process | 82.00 | 76.00 |
| Cooling | 18.00 | 18.00 |
| Domestic | 8.00 | 6.00 |
| All others | 0.00 | 0.00 |
| Total | 108.00 | 100.00 |

### 2) Effluent Generation in CMD / MLD

| Particulars | Consent Quantity | Actual Quantity | UOM |
|---|---|---|---|
| Trade Effluent | 100 | 76 | CMD |
| Domestic Effluent | 8 | 6 | 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 |
|---|---|---|---|
| (S)-3- Hydroxy tetrahydrofuran | 0 | 9.0 | CMD |
| 2,4,5-Trimethoxy Benzoic acid | 0 | 35 | CMD |
| 2-Aminithiazol-4Carboxalic acid ethyl ester | 0 | 14 | CMD |
| (1S0-2-(dimethyl amino-1-phenylethanol | 0 | 4.0 | CMD |
| Cyclo butyl carbinol | 0 | 8.0 | CMD |
| 6-Brmmo 2-naptholic acid methyl ester | 0 | 6.0 | 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 |
|---|---|---|---|
| Dimethyl Malonate | 0 | 64.42 | MT/A |
| POCl3 | 0 | 78.5 | MT/A |
| Sodium Methoxide Solution 30% | 0 | 64.9 | MT/A |
| Liquid Ammonia | 0 | 61.20 | MT/A |
| MDC | 0 | 1.865 | MT/A |
| Para Chloro Aniline | 0 | 4.425 | MT/A |
| Zinc Chloride Anhydrous | 0 | 5.405 | MT/A |
| N-ETHYL-2-PYRROLIDONE (CAT-1) | 0 | 2.480 | MT/A |
| Dimethyl sulphate | 0 | 3.255 | MT/A |
| Sulphuric Acid Conc.(Commercial Grade) | 0 | 18.78 | MT/A |

### 4) Fuel Consumption

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|---|---|---|---|
| Briquette | 6570 | 449 | MT/A |
| HSD | 1000 | 85 | Ltr/Hr |
| LDO | 792 | 77.08 | MT/A |

## Part-C

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

### [A] Water

| Pollutants Detail | Quantity of Pollutants discharged (kL/day) | 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 | 7.0 | 0 | 5.5 to 9.0 | NA |
| COD | 0.32 | 16 | 0 | 250 | NA |
| BOD | 0.1 | 5 | 0 | 30 | NA |
| TSS | 0.2 | 10 | 0 | 100 | 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 |
| TPM | 7.1 | 13.6 | 0 | 150 Mg/NM3 | NA |
| SO2 | 4 | 0.08 | 0 | 21.6 kg/day | NA |
| ACID MIST | 8.07 | 11 | 0 | 35 Mg/NM | 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 | 0 | 8.18 | MT/A |
| 35.3 Chemical sludge from waste water treatment | 0 | 0 | MT/A |
| 37.3 Concentration or evaporation residues | 0 | 0 | MT/A |
| 28.3 Spent carbon | 0 | 0 | MT/A |
| 28.2 Spent catalyst | 0 | 0 | MT/A |
| 28.6 Spent organic solvents | 0 | 0 | MT/A |

### 2) From Pollution Control Facilities

| Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| 0 | 0 | 0 | MT/A |

## Part-E

### SOLID WASTES

### 1) From Process

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Briquetts Ash | 0 | 20 | MT/A |

### 2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| NA | 0 | 0 | MT/A |

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

| Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| 28.2 Spent catalyst | 0 | 0 | MT/A |
| 28.6 Spent organic solvents | 0 | 0 | MT/A |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 0 | 0 | Nos./Y |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 0 | 0 | MT/A |

## Part-F

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

### 1) Hazardous Waste

| Type of Hazardous Waste Generated | Qty of Hazardous Waste | UOM | Concentration of Hazardous Waste |
|---|---|---|---|
| 0 | 0 | MT/A | NA |

### 2) Solid Waste

| Type of Solid Waste Generated | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|---|---|---|---|
| Process residu and Wastes | 8.18 | MT/A | NA |

## Part-G

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

| Description | Reduction in Water Consumption (M3/day) | Reduction in Fuel & Solvent Consumption (KL/day) | Reduction in Raw Material (Kg) | Reduction in Power Consumption (KWH) | Capital Investment(in Lacs) | Reduction in Maintenance(in Lacs) |
|---|---|---|---|---|---|---|
| NA | 0 | 0 | 0 | 0 | 200 | 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) |
|---|---|---|
| MEE plant ,ETP,UF & RO plant. | privided at place | 200 |

### [B] Investment Proposed for next Year

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

## Part-I

***Any other particulars for improving the quality of the environment.***

***Particulars***

Additional MIDC Mahad

***Name & Designation***

Mr.Prasad Gaikar-Unit Head

***UAN No:***

MPCB-ENVIRONMENT_STATEMENT-0000050029

***Submitted On:***

30-09-2022

# Annexure –XIV

Public Liability Insurance

| पॉलिसी अनुसूची/ Policy Schedule - Public Liability Insurance Act | |
|---|---|
| ***Policy Number: 260100492310000033*** | व्यवसाय स्त्रोत / *Business Source: 910195* |
| जारीकर्ता कार्यालय/***Issuing Office***<br>कार्यालय कोड/ *Office Code: 260100*<br>कार्यालय पता/ *Office Address: MUMBAI DIVISION I First Floor, Commercial Union House, 9,Wallace Street, Fort, Mumbai, - 400001.*<br>***State Code:*** 27 , Maharashtra<br>***GSTIN***: 27AAACN9967E1Z3<br>*Contact Number: 22 22074841*<br>*Mobile Number: 0* | वि्रय चैनल वविरण/<br>***Sales Channel Details***<br>कोड/ *Code: 91019500000001*<br>नाम/ *Name: GALLAGHER INSURANCE BROKERS PRIVATE LIMITED - HO*<br>*Contact Number: 9840728148*<br><br>सह दलाल कोड / *Co Broker Code:*<br><br>कस्टमर केयर टॉल फ्री नंबर/**Customer Care Toll Free Number: 1800 345 0330**<br>ईमेल/<br>**email:customer.support@nic.co.in** |

| ग्राहक का नाम/Customer Name: AASTRID LIFE SCIENCES PRIVATE LIMITED | ग्राहक आईडी/ Customer ID: 9702316421 | पैन/ PAN: AAICA3536A |
|---|---|---|
| पता/ Address: A-593 TTC INDUSTRIAL AREA MIDC MAHAPE NAVI MUMBAI-400701, City: THANE - DISTRICT OTHERS, District: THANE, State: MAHARASHTRA, PIN: 400701.<br>Cell: 9967248511 | फोन/ Phone: | |
| | ई-मेल/ E-Mail: asmita.parkar@ajgindia.in | |

पॉलिसी: 24/10/2023 के 00:00 से 23/10/2024 की मध्य रात्रि तक प्रभावी **/Policy Effective from 00:00 hours, on 24/10/2023 to midnight of 23/10/2024**

| | | | |
|---|---|---|---|
| प्रीमियम /Premium | ₹ 6,914.34 | कवर नोट संख्या तथा तिथि/Cover Note Number and Date | NA |
| CGST | ₹ 622.00 | प्रस्ताव संख्या और तिथि/Proposal Number and Date | 8800231030297029 Dt. 30/10/2023 |
| SGST/UTGST | ₹ 622.00 | | |
| IGST | ₹ 0.00 | | |
| कम:जीएसटी_टीडीएस / Less:GST_TDS | ₹ 0.00 | | |
| पुनर्प्राप्त स्टाम्प शुल्क / Recoverable Stamp Duty | ₹ 0.00 | रसीद संख्या और तिथि/ Receipt Number and Date | 260100812310001026 Dt. 25/10/2023 |
| कुल राशि/ **Total Amount*** | ₹ 15,072.00 | पछिली पॉलिसी संख्या तथा समाप्ती तिथि/ Previous Policy Number and Expiry Date | NA |
| (Rupees Fifteen Thousand Seventy Two Only.) | | | |
| * पर्यावरण राहत कोष /*Environment Relief Fund: | ₹ 6,913.66 | | |

**Insurance Details:**

| **Policy Effective from** 00:00 hours, on 24/10/2023 to **midnight** of 23/10/2024 | |
|---|---|
| **PLI act Premium** | 6,913.66 |
| **Service tax** | 0.00 |
| **Recoverable stamp duty** | 0.00 |
| **ERF premium** | 6,913.66 |
| **Total amount** | 13,827.32 |

| | |
|---|---|
| Retroactive date: | 24/10/2023 |
| Description of risk | manufacturing and production of Pharma Intermediates, Fine Chemicals and Specialty molecules |
| Paid up capital/Market Value of Asset/stock: | 6,66,666.66 |
| Liability:Any one accident(AOA): | 6,66,666.66 |
| Any one year(AOY): | 19,99,999.98 |
| Ratio of AOA:AOY: | 1:3 |
| Sum Insured: | 6,66,666.66 |

| पॉलिसी अनुसूची/ Policy Schedule - Public Liability Insurance Act | |
|---|---|
| ***Policy Number: 260100492310000033*** | व्यवसाय स्त्रोत / *Business Source: 910195* |
| जारीकर्ता कार्यालय/***Issuing Office***<br>कार्यालय कोड/ *Office Code: 260100*<br>कार्यालय पता/ *Office Address: MUMBAI DIVISION I First Floor, Commercial Union House, 9,Wallace Street, Fort, Mumbai, - 400001.*<br>***State Code:*** 27 , Maharashtra<br>***GSTIN***: 27AAACN9967E1Z3<br>*Contact Number: 22 22074841*<br>*Mobile Number: 0* | वि्रय चैनल वविरण/<br>***Sales Channel Details***<br>कोड/ *Code: 91019500000001*<br>नाम/ *Name: GALLAGHER INSURANCE BROKERS PRIVATE LIMITED - HO*<br>*Contact Number: 9840728148*<br><br>सह दलाल कोड / *Co Broker Code:*<br><br>कस्टमर केयर टॉल फ्री नंबर/**Customer Care Toll Free Number: 1800 345 0330**<br>ईमेल/<br>**email:customer.support@nic.co.in** |

| | |
|---|---|
| Annual turn over: | 2,00,00,000.00 |

| **Clauses** | **As per Annexure.I** |
|---|---|

टप्पिणियां/ **Remarks:** LOCATIONS COVERED :

Location
Astraid Life Science :
A-593,TTC Industrial Area, MIDC,
Mhape. Navi Mumbal- 400701

Raireshwar Organic Chemicals
RAIGARH, MAHARASHTRA - 402309
Private Limited

"Raireshwar Organic Chemicals Private Limited"
B-19. MIDC, Birwandi, Mahad
RAIGARH, MAHARASHTRA

Excess: 1% of AOA or 5% of claim amont, subject to a min of Rs. 1 Lac

All prior acts and litigation prior to inception of policy period of NIC are excluded.

Policy is on claims made basis and Right to Defend Clause
Territory - Locations as mentioned above
Jurisdiction - India
Exclusion of Communicable Diseases/Pandemic/Epidemic
Retroactive Date - subject to (a) narrower of applicable coverage (b) lower of applicable limits (c) continuous cover since retro date
Terms and conditions are as per NIC standard Public Liability Policy.

| पॉलसिी अनुसूची/ Policy Schedule - Public Liability Insurance Act | |
|---|---|
| ***Policy Number: 260100492310000033*** | व्यवसाय स्त्रोत / *Business Source: 910195* |
| जारीकर्ता कार्यालय/***Issuing Office***<br>कार्यालय कोड/ *Office Code: 260100*<br>कार्यालय पता/ *Office Address: MUMBAI DIVISION I First Floor, Commercial Union House, 9,Wallace Street, Fort, Mumbai, - 400001.*<br>***State Code:*** 27 , Maharashtra<br>***GSTIN***: 27AAACN9967E1Z3<br>*Contact Number: 22 22074841*<br>*Mobile Number: 0* | वि्रय चैनल वविरण/<br>***Sales Channel Details***<br>कोड/ *Code: 91019500000001*<br>नाम/ *Name: GALLAGHER INSURANCE BROKERS PRIVATE LIMITED - HO*<br>*Contact Number: 9840728148*<br><br>सह दलाल कोड / *Co Broker Code:*<br><br>कस्टमर केयर टॉल फ्री नंबर/**Customer Care Toll Free Number: 1800 345 0330**<br>ईमेल/<br>**email:customer.support@nic.co.in** |

जसिकी गवाही में दनि/ माह /वर्ष को उपरोक्त उल्लेखति कार्यालय पते पर अधोहस्ताक्षरी को वधिवित अधकिृत कयिा जा रहा है उसके हाथ नरि्धारति कएि जाएं। यह अनुसूची, संलग्न पॉलसिी, खण्ड, पृष्ठांकन और पॉलसिी शब्दों, जो कंपनी वेबसाईट ***https://nationalinsurance.nic.co.in*** पर उपलब्ध है, को एक अनुबंध के रुप में एक साथ पढ़ा जाए तथा कोई भी शब्द या अभवि्यक्त जिसिके लएि यह वशिष्टि अर्थ पॉलसिी या अनुसूची के कसिी भी हस्सिे में संलग्न कयिा गया हो, एक ही अर्थ वहन करेगा चाहे जहॉ भी उल्लेखति हो। यह आश्वासन दयिा जाता है कि प्रीमयिम चेक के अस्वीकृति के मामले में, यह दस्तावेज स्वतः प्राथमकिता नरिस्त हो जाएगी । ***/IN WITNESS WHEREOF****, the undersigned being duly authorized hereunto set his/ her hand at the office address mentioned above, this* **31/October/2023.***This schedule, the attached policy, the clauses, the endorsements and policy wordings as available in the website* ***https://nationalinsurance.nic.co.in*** *shall be read together as one contract and any word or expression to which the specific meaning has been attached in any part of this policy or of the schedule shall bear the same meaning wherever it may appear. It is warranted that* ***IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'***

कृते नेशनल इन्श्योरेन्स कंपनी

स्टांप ड्यूटी/ **Stamp Duty:** *(₹ 0.50 )*

***For and on behalf of National Insurance Company Limited***

इंश्योरेन्सइंडयिालमिटिड

अधकिृत हस्ताक्षरकर्ता/ ***Authorized Signatory***

**TAX INVOICE**

**Invoice Serial No:** 30139L3PE0000033 **Invoice Date:** 31/10/2023

**Details of Supplier**:
National Insurance Company Limited.,
MUMBAI DIVISION I First Floor, Commercial Union House, 9,Wallace Street, Fort, Mumbai, - 400001
State : 27 , Maharashtra
GSTIN No : 27AAACN9967E1Z3

**Details Of Receiver** : AASTRID LIFE SCIENCES PRIVATE LIMITED
Address : A-593 TTC INDUSTRIAL AREA MIDC MAHAPE NAVI MUMBAI-400701
City : THANE - DISTRICT OTHERS,
District: THANE,
State: MAHARASHTRA,
PIN: 400701.

Place Of Supply State : Maharashtra
State Code : 27
GSTIN No : 27AAICA3536A1Z3

| सैक कोड/ **SAC Code** | सेवा का वविरण/ **Description of Service** | कुल/**Total(₹)** | छूट/ **Discount** | टैक्स योग्य/ मूल्य/**Taxable Value(₹)** | सीजीएसटी की राशि **CGST** | | एसजीएसटी/यूटीजीएसटी/ **SGST/UTGST** | | आईजीएसटी/**IGST** | | केरला बाढ़ उपकर/**Kerala Flood Cess** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | दर/**Rate** | राशि **Amount(₹)** | दर/**Rate** | राशि **Amount(₹)** | दर/**Rate** | राशि **Amount(₹)** | राशि/**Amount(₹)** |
| 997139 | Other non-life insurance services (excluding reinsurance services) | 6,914 | 0% | 6,914 | 9% | 622 | 9% | 622 | 0% | 0 | 0 |
| **TOTAL** | | 6,914 | | 6,914 | | 622 | | 622 | | 0 | 0 |

कुल इनवॉयस मूल्य (अंकों में )**Total Invoice Value (In figures) :**
₹ 15,072

कुल इनवॉयस मूल्य (शब्दों में)**Total Invoice Value (In words) :** रूपए/**Rupees Fifteen Thousand Seventy Two**
केवल/**Only.**

रविर्स चार्ज के अधीन टैक्स की राशि **Amount of Tax Subject to Reverse Charge : No**

***E.&.O.E***

कृते नेशनल इन्श्योरेन्स कंपनी लिमिटिड/ ***For and on behalf of National Insurance Company Limited***

अधिकृत हस्ताक्षरकर्ता/ ***Authorized Signatory***

# Annexure –XV

OCMS Details

Activities Chromium Web Browser Oct 27 11:57

MPCB - Chromium

MPCB Web Portal | MPCB | MPCB Web Portal

onlinecems.ecmpcb.in/#/landing/consolidatedView/camera-frame

Dashboard | Live Status | Regulator Reports | Industry Reports | Calibration | Work Flow | AASTRID

Cameras / Aastrid Life sciences Private Limited,Mahad / Mahad / Raigad

Live Status | History


Flow Trend | Geo Location


### ustry Details

| | |
|---|---|
| ustry Category: | Drugs and Pharmaceuticals |
| ustry Name: | Aastrid Life sciences Private Limited |
| ustry Location: | Mahad |
| nitored Area: | ETP |
| mera Location: | ETP |

### Camera Details

| | |
|---|---|
| Camera Make: | Hikvision |
| Camera Model No: | Hikvision |
| PTZ: | Yes |
| 10x Zoom: | Yes |
| Night Vision: | Yes |
| IP Camera: | |
| Connectivity Type: | Broadband |

Activities Chromium Web Browser Oct 27 11:58

MPCB - Chromium

MPCB Web Portal | MPCB | MPCB Web Portal

onlinecems.ecmpcb.in/#/landing/dashboard/consolidatedView_slider

Dashboard | Live Status | Regulator Reports | Industry Reports | Calibration | Work Flow | AASTRID

ETP | Mahad | Maharashtra | Drugs and Pharmaceuticals | Data fetched at: 27-Oct-2023 11:45 | Monitoring Stations 1 | Total Parameters Monitored 1

Flow
2.02
m3/hr

Standard: m3/hr
(15 minutes Average)

0
Total Exceedances

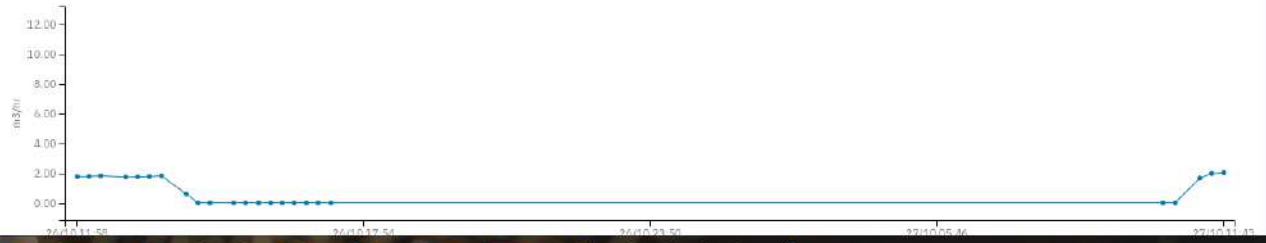
5.14
Data Availability(%)

Search by Parameter

ETP Flow
2.02 m3/hr
Standard - m3/hr

Quick Range
Daily | Weekly | Monthly

Previous Day | Next Day



# Annexure –XVI

MIDC Water Bills

## Water Bill

### WATER BILL

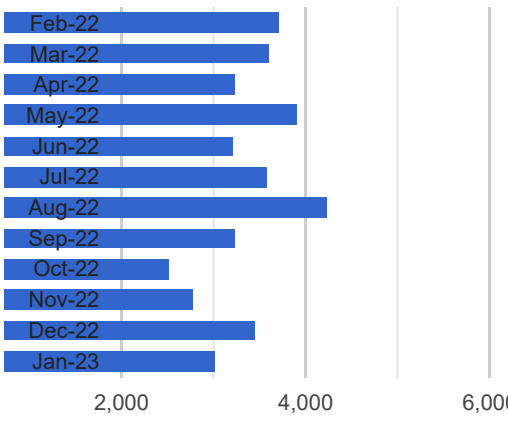
Maharastra Industrial Development Corporation
(A Government Of Maharastra Undertaking)

Dear AASTRID LIFE SCIENCES PRIVATE LIMITED,
Your Water bill for the month of January 2023 is generated. The Details for the bill are as under

| | | | |
|---|---|---|---|
| **Maharashtra Industrial Development Corporation** | | MIDC GST No: | State: 27 Maharashtra 27AAACM3560C1ZV |
| **Consumer name: AASTRID LIFE SCIENCES PRIVATE LIMITED** | | Customer GST No: | State: 27 Maharashtra 27AAICA3536A1Z3 |
| Bill Type | Water Bill - Final | Original for Receipent | Duplicate for Supplier |
| Customer No: | DV009/596MHD/301 | Month & Year | January-2023 |
| Bill No: | SI23000756916 | Invoice Date | 09/02/2023 |
| Previous Reading | 47738 | Current Reading | 50757 |
| Previous Reading Date | 31/12/2022 | Current Reading Date | 31/01/2023 |
| Actual Consumption | 3019 | Remark : | |
| Amount Before Due Date | 250101.00 | Meter Status | Regular |
| Amount After Due Date | 252869.00 | Due Date | 23/02/2023 |

| Sr.No. | CHARGE NAME | CURRENT AMOUNT | ARREARS AMOUNT | TOTAL AMOUNT | REMARK |
|---|---|---|---|---|---|
| 1 | CGST-Service Charge | 523.00 | 523.00 | 1046.00 | 998599 CGST @9.00% |
| 2 | SGST-Service Charge | 523.00 | 523.00 | 1046.00 | 998599 SGST @9.00% |
| 3 | CGST-Fire Charge | 192.00 | 192.00 | 384.00 | 999126 CGST @9.00% |
| 4 | SGST-Fire Charge | 192.00 | 192.00 | 384.00 | 999126 SGST @9.00% |
| 5 | CGST-Drainage Charge | 2255.00 | 2585.00 | 4840.00 | 999490 CGST @9.00% |
| 6 | SGST-Drainage Charge | 2255.00 | 2585.00 | 4840.00 | 999490 SGST @9.00% |
| 7 | CGST-DPC Drainage Charge | 31.00 | 25.00 | 56.00 | 999490 CGST @9.00% |
| 8 | SGST-DPC Drainage Charge | 31.00 | 25.00 | 56.00 | 999490 SGST @9.00% |
| 9 | Water Charges_L | 76985.00 | 88256.00 | 165241.00 | 2201 GST @ 0.00% 17.00*3,019.00*1.50 |
| 10 | Service Charges | 5807.00 | 5807.00 | 11614.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| 11 | Fire Charges | 2129.00 | 2129.00 | 4258.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| 12 | Drainage Charges | 25058.00 | 28726.00 | 53784.00 | 999490 GST @ 18.00% Wtr = 3,019.00 * Rt = 8.30 |
| 13 | DPC-Water Charges | 1068.00 | 857.00 | 1925.00 | 2201 GST @ 0.00% |
| 14 | DPC-Drainage | 348.00 | 279.00 | 627.00 | 999490 GST @ 18.00% |
| | TOTAL AMOUNT | 117397.00 | 132704.00 | 250101.00 | |

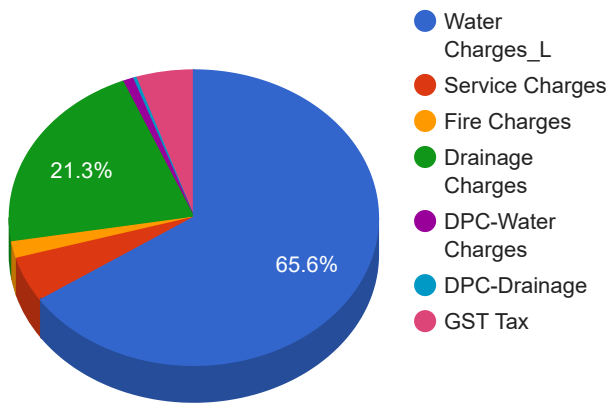
**Barchart: 12 Month Water Consumption**




## Last 12 Receipt Details

| Month Year | Receipt No. | Amount |
|---|---|---|
| Feb 2022 | 22MAH00002806 | 194403.00 |
| Mar 2022 | 22MAH00003077 | 126195.00 |
| Apr 2022 | 23MAH00000083 | 231712.00 |
| Jun 2022 | 23MAH00000576 | 120902.00 |
| Aug 2022 | 23MAH00001289 | 419294.00 |
| Sep 2022 | 23MAH00001542 | 159048.00 |
| Nov 2022 | 23MAH00002388 | 223159.00 |
| Jan 2023 | 23MAH00002765 | 109869.00 |

**Charge Wise Analysis**




- For Online Payment Click Here (https://services.midcindia.org/midc_eBillPay/payment.aspx?WaterBill=Yes&ConsID=DV009/596MHD/301)
- You can visit the Consumer Portal (http://Consumers.midcindia.org) for Transaction history.
- Your login name on Consumer portal is 596MHD Please signup on Consumer Portal if not already Signed
- For any query write an email to epayments@midcindia.org
- If Bill is already paid then Please ignore this message.
- This is system generated e-mail, Please do not reply to this mail.
- While making an online payment, if your card/bank account is debited twice, the excess amount will be adjusted against the subsequent due amount of next month

**Water Bill**

## WATER BILL

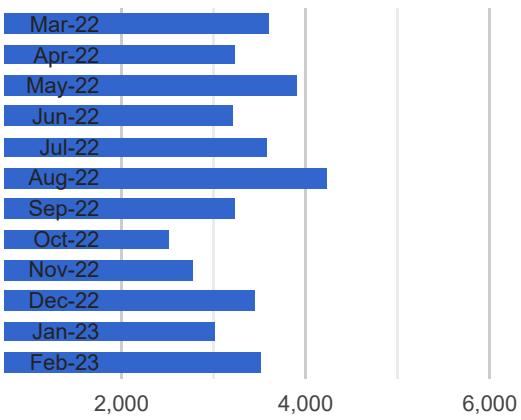
Maharastra Industrial Development Corporation
(A Government Of Maharastra Undertaking)

Dear AASTRID LIFE SCIENCES PRIVATE LIMITED,
Your Water bill for the month of February 2023 is generated. The Details for the bill are as under

| | | | |
|---|---|---|---|
| **Maharashtra Industrial Development Corporation** | | MIDC GST No: | State: 27 Maharashtra 27AAACM3560C1ZV |
| **Consumer name: AASTRID LIFE SCIENCES PRIVATE LIMITED** | | Customer GST No: | State: 27 Maharashtra 27AAICA3536A1Z3 |
| Bill Type | Water Bill - Final | Original for Receipent | Duplicate for Supplier |
| Customer No: | DV009/596MHD/301 | Month & Year | February-2023 |
| Bill No: | SI23000838115 | Invoice Date | 09/03/2023 |
| Previous Reading | 50757 | Current Reading | 54274 |
| Previous Reading Date | 31/01/2023 | Current Reading Date | 28/02/2023 |
| Actual Consumption | 3517 | Remark : | |
| Amount Before Due Date | 136263.00 | Meter Status | Regular |
| Amount After Due Date | 137765.00 | Due Date | 23/03/2023 |

| Sr.No. | CHARGE NAME | CURRENT AMOUNT | ARREARS AMOUNT | TOTAL AMOUNT | REMARK |
|---|---|---|---|---|---|
| 1 | CGST-Service Charge | 523.00 | 0.00 | 523.00 | 998599 CGST @9.00% |
| 2 | SGST-Service Charge | 523.00 | 0.00 | 523.00 | 998599 SGST @9.00% |
| 3 | CGST-Fire Charge | 192.00 | 0.00 | 192.00 | 999126 CGST @9.00% |
| 4 | SGST-Fire Charge | 192.00 | 0.00 | 192.00 | 999126 SGST @9.00% |
| 5 | CGST-Drainage Charge | 2627.00 | 0.00 | 2627.00 | 999490 CGST @9.00% |
| 6 | SGST-Drainage Charge | 2627.00 | 0.00 | 2627.00 | 999490 SGST @9.00% |
| 7 | CGST-DPC Drainage Charge | 59.00 | 0.00 | 59.00 | 999490 CGST @9.00% |
| 8 | SGST-DPC Drainage Charge | 59.00 | 0.00 | 59.00 | 999490 SGST @9.00% |
| 9 | Water Charges_L | 89684.00 | 0.00 | 89684.00 | 2201 GST @ 0.00% 17.00*3,517.00*1.50 |
| 10 | Service Charges | 5807.00 | 0.00 | 5807.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| 11 | Fire Charges | 2129.00 | 0.00 | 2129.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| 12 | Drainage Charges | 29191.00 | 0.00 | 29191.00 | 999490 GST @ 18.00% Wtr = 3,517.00 * Rt = 8.30 |
| 13 | DPC-Water Charges | 1999.00 | 0.00 | 1999.00 | 2201 GST @ 0.00% |
| 14 | DPC-Drainage | 651.00 | 0.00 | 651.00 | 999490 GST @ 18.00% |
| | TOTAL AMOUNT | 136263.00 | 0.00 | 136263.00 | |

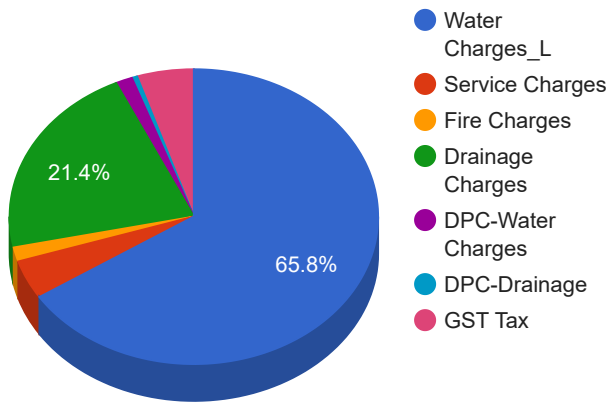
**Barchart: 12 Month Water Consumption**




## Last 12 Receipt Details

| Month Year | Receipt No. | Amount |
|---|---|---|
| Mar 2022 | 22MAH00003077 | 126195.00 |
| Apr 2022 | 23MAH00000083 | 231712.00 |
| Jun 2022 | 23MAH00000576 | 120902.00 |
| Aug 2022 | 23MAH00001289 | 419294.00 |
| Sep 2022 | 23MAH00001542 | 159048.00 |
| Nov 2022 | 23MAH00002388 | 223159.00 |
| Jan 2023 | 23MAH00002765 | 109869.00 |

**Charge Wise Analysis**




- For Online Payment Click Here (https://services.midcindia.org/midc_eBillPay/payment.aspx?WaterBill=Yes&ConsID=DV009/596MHD/301)
- You can visit the Consumer Portal (http://Consumers.midcindia.org) for Transaction history.
- Your login name on Consumer portal is 596MHD Please signup on Consumer Portal if not already Signed
- For any query write an email to epayments@midcindia.org
- If Bill is already paid then Please ignore this message.
- This is system generated e-mail, Please do not reply to this mail.
- While making an online payment, if your card/bank account is debited twice, the excess amount will be adjusted against the subsequent due amount of next month

## Water Bill

### WATER BILL

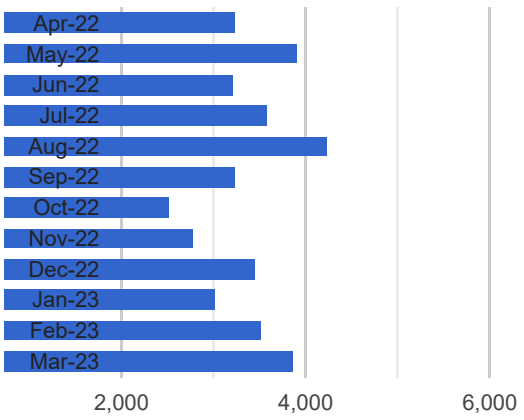
Maharastra Industrial Development Corporation
(A Government Of Maharastra Undertaking)

Dear AASTRID LIFE SCIENCES PRIVATE LIMITED,
Your Water bill for the month of March 2023 is generated. The Details for the bill are as under

| | | | |
|---|---|---|---|
| **Maharashtra Industrial Development Corporation** | | MIDC GST No: | State: 27 Maharashtra 27AAACM3560C1ZV |
| **Consumer name: AASTRID LIFE SCIENCES PRIVATE LIMITED** | | Customer GST No: | State: 27 Maharashtra 27AAICA3536A1Z3 |
| Bill Type | Water Bill - Final | Original for Receipent | Duplicate for Supplier |
| Customer No: | DV009/596MHD/301 | Month & Year | March-2023 |
| Bill No: | SI2400051781 | Invoice Date | 11/04/2023 |
| Previous Reading | 54274 | Current Reading | 58139 |
| Previous Reading Date | 28/02/2023 | Current Reading Date | 31/03/2023 |
| Actual Consumption | 3865 | Remark : | |
| Amount Before Due Date | 232566.00 | Meter Status | Regular |
| Amount After Due Date | 238445.00 | Due Date | 25/04/2023 |

| Sr.No. | CHARGE NAME | CURRENT AMOUNT | ARREARS AMOUNT | TOTAL AMOUNT | REMARK |
|---|---|---|---|---|---|
| 0 | Security Deposit Interest | -50977.00 | 0.00 | -50977.00 | |
| 1 | CGST-Service Charge | 523.00 | 523.00 | 1046.00 | 998599 CGST @9.00% |
| 2 | SGST-Service Charge | 523.00 | 523.00 | 1046.00 | 998599 SGST @9.00% |
| 3 | CGST-Fire Charge | 192.00 | 192.00 | 384.00 | 999126 CGST @9.00% |
| 4 | SGST-Fire Charge | 192.00 | 192.00 | 384.00 | 999126 SGST @9.00% |
| 5 | CGST-Drainage Charge | 2887.00 | 2627.00 | 5514.00 | 999490 CGST @9.00% |
| 6 | SGST-Drainage Charge | 2887.00 | 2627.00 | 5514.00 | 999490 SGST @9.00% |
| 7 | CGST-DPC Drainage Charge | 32.00 | 59.00 | 91.00 | 999490 CGST @9.00% |
| 8 | SGST-DPC Drainage Charge | 32.00 | 59.00 | 91.00 | 999490 SGST @9.00% |
| 9 | Water Charges_L | 98558.00 | 89684.00 | 188242.00 | 2201 GST @ 0.00% 17.00*3,865.00*1.50 |
| 10 | Service Charges | 5807.00 | 5807.00 | 11614.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| 11 | Fire Charges | 2129.00 | 2129.00 | 4258.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| 12 | Drainage Charges | 32080.00 | 29191.00 | 61271.00 | 999490 GST @ 18.00% Wtr = 3,865.00 * Rt = 8.30 |
| 13 | DPC-Water Charges | 1085.00 | 1999.00 | 3084.00 | 2201 GST @ 0.00% |
| 14 | DPC-Drainage | 353.00 | 651.00 | 1004.00 | 999490 GST @ 18.00% |
| | **TOTAL AMOUNT** | **96303.00** | 136263.00 | 232566.00 | |

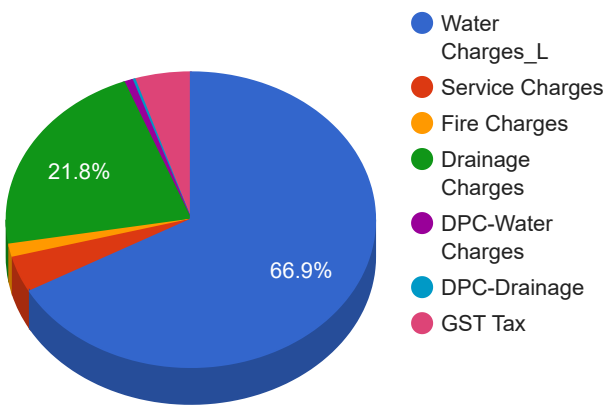
**Barchart: 12 Month Water Consumption**




## Last 12 Receipt Details

| Month Year | Receipt No. | Amount |
|---|---|---|
| Apr 2022 | 23MAH00000083 | 231712.00 |
| Jun 2022 | 23MAH00000576 | 120902.00 |
| Aug 2022 | 23MAH00001289 | 419294.00 |
| Sep 2022 | 23MAH00001542 | 159048.00 |
| Nov 2022 | 23MAH00002388 | 223159.00 |
| Jan 2023 | 23MAH00002765 | 109869.00 |
| Mar 2023 | 23MAH00003384 | 250101.00 |

**Charge Wise Analysis**




- For Online Payment Click Here (https://services.midcindia.org/midc_eBillPay/payment.aspx?WaterBill=Yes&ConsID=DV009/596MHD/301)
- You can visit the Consumer Portal (http://Consumers.midcindia.org) for Transaction history.
- Your login name on Consumer portal is 596MHD Please signup on Consumer Portal if not already Signed
- For any query write an email to epayments@midcindia.org
- If Bill is already paid then Please ignore this message.
- This is system generated e-mail, Please do not reply to this mail.
- While making an online payment, if your card/bank account is debited twice, the excess amount will be adjusted against the subsequent due amount of next month

# WATER BILL

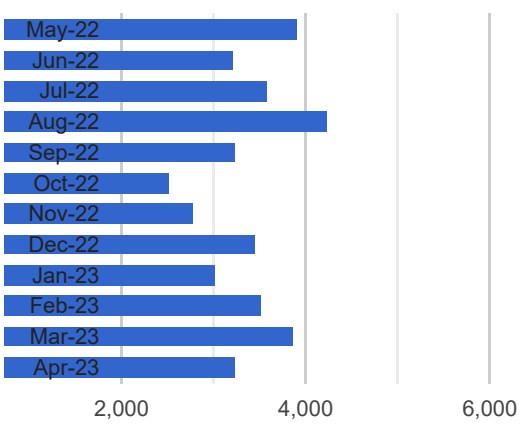
Maharastra Industrial Development Corporation
(A Government Of Maharastra Undertaking)

Dear AASTRID LIFE SCIENCES PRIVATE LIMITED,
Your Water bill for the month of April 2023 is generated. The Details for the bill are as under

| | | | |
|---|---|---|---|
| **Maharashtra Industrial Development Corporation** | | MIDC GST No: | State: 27 Maharashtra 27AAACM3560C1ZV |
| **Consumer name: AASTRID LIFE SCIENCES PRIVATE LIMITED** | | Customer GST No: | State: 27 Maharashtra 27AAICA3536A1Z3 |
| Bill Type | Water Bill - Final | Original for Receipent | Duplicate for Supplier |
| Customer No: | DV009/596MHD/301 | Month & Year | April-2023 |
| Bill No: | SI24000129439 | Invoice Date | 11/05/2023 |
| Previous Reading | 58139 | Current Reading | 61388 |
| Previous Reading Date | 31/03/2023 | Current Reading Date | 30/04/2023 |
| Actual Consumption | 3249 | Remark : | |
| Amount Before Due Date | 124037.00 | Meter Status | Regular |
| Amount After Due Date | 125423.00 | Due Date | 25/05/2023 |

| Sr.No. | CHARGE NAME | CURRENT AMOUNT | ARREARS AMOUNT | TOTAL AMOUNT | REMARK |
|---|---|---|---|---|---|
| 1 | CGST-Service Charge | 523.00 | 0.00 | 523.00 | 998599 CGST @9.00% |
| 2 | SGST-Service Charge | 523.00 | 0.00 | 523.00 | 998599 SGST @9.00% |
| 3 | CGST-Fire Charge | 192.00 | 0.00 | 192.00 | 999126 CGST @9.00% |
| 4 | SGST-Fire Charge | 192.00 | 0.00 | 192.00 | 999126 SGST @9.00% |
| 5 | CGST-Drainage Charge | 2427.00 | 0.00 | 2427.00 | 999490 CGST @9.00% |
| 6 | SGST-Drainage Charge | 2427.00 | 0.00 | 2427.00 | 999490 SGST @9.00% |
| 7 | CGST-DPC Service Charge | 0.00 | 0.00 | 0.00 | 998599 CGST @9.00% |
| 8 | SGST-DPC Service Charge | 0.00 | 0.00 | 0.00 | 998599 SGST @9.00% |
| 9 | CGST-DPC Fire Charge | 0.00 | 0.00 | 0.00 | 999126 CGST @9.00% |
| 10 | SGST-DPC Fire Charge | 0.00 | 0.00 | 0.00 | 999126 SGST @9.00% |
| 11 | CGST-DPC Drainage Charge | 0.00 | 0.00 | 0.00 | 999490 CGST @9.00% |
| 12 | SGST-DPC Drainage Charge | 0.00 | 0.00 | 0.00 | 999490 SGST @9.00% |
| 13 | Water Charges_L | 82850.00 | 0.00 | 82850.00 | 2201 GST @ 0.00% 17.00*3,249.00*1.50 |
| 14 | Service Charges | 5807.00 | 0.00 | 5807.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| 15 | Fire Charges | 2129.00 | 0.00 | 2129.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| 16 | Drainage Charges | 26967.00 | 0.00 | 26967.00 | 999490 GST @ 18.00% Wtr = 3,249.00 * Rt = 8.30 |
| 17 | DPC-Water Charges | 0.00 | 0.00 | 0.00 | 2201 GST @ 0.00% |
| 18 | DPC-Service | 0.00 | 0.00 | 0.00 | 998599 GST @ 18.00% |
| 19 | DPC - Fire Charges | 0.00 | 0.00 | 0.00 | 999126 GST @ 18.00% |
| 20 | DPC-Drainage | 0.00 | 0.00 | 0.00 | 999490 GST @ 18.00% |
| | **TOTAL AMOUNT** | **124037.00** | 0.00 | 124037.00 | |

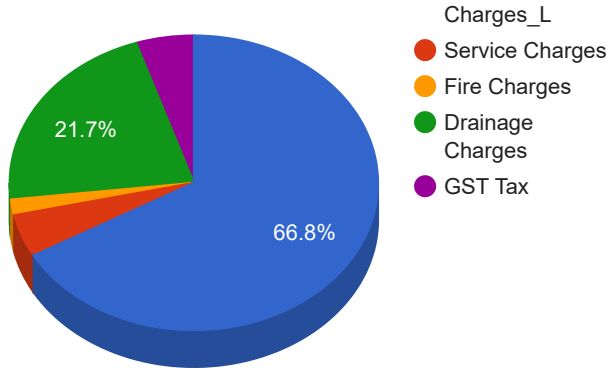
**Barchart: 12 Month Water Consumption**




## Last 12 Receipt Details

| Month Year | Receipt No. | Amount |
|---|---|---|
| Jun 2022 | 23MAH00000576 | 120902.00 |
| Aug 2022 | 23MAH00001289 | 419294.00 |
| Sep 2022 | 23MAH00001542 | 159048.00 |
| Nov 2022 | 23MAH00002388 | 223159.00 |
| Jan 2023 | 23MAH00002765 | 109869.00 |
| Mar 2023 | 23MAH00003384 | 250101.00 |
| Apr 2023 | 24MAH00000191 | 232566.00 |

**Charge Wise Analysis**



- For Online Payment Click Here (https://services.midcindia.org/midc_eBillPay/payment.aspx?WaterBill=Yes&ConsID=DV009/596MHD/301)
- You can visit the Consumer Portal (http://Consumers.midcindia.org) for Transaction history.
- Your login name on Consumer portal is 596MHD Please signup on Consumer Portal if not already Signed
- For any query write an email to epayments@midcindia.org
- If Bill is already paid then Please ignore this message.
- This is system generated e-mail, Please do not reply to this mail.
- While making an online payment, if your card/bank account is debited twice, the excess amount will be adjusted against the subsequent due amount of next month

**Maharashtra Industrial Development Corporation**
(A Government of Maharashtra Undertaking)
(Issued Subject to MIDC's water Supply Regulation 1973)
Water Bill IRN NO:

GSTIN: 27AAACM3560C1ZV
PAN NO: AAACM3560C

Original for receipent
Duplicate for Supplier

CustGSTIn/PANIN : 27AAICA3536A1Z3/AAICA3536A **Mahad Industrial Area** Bill No :: SI24000211107

Consumer No:- DV009/596MHD/301 **Issued Date :: 13-06-2023** **Month / Year ::** May,2023

| | | | |
|---|---|---|---|
| AASTRID LIFE SCIENCES PRIVATE LIMITED<br>PLOT NO. FS-2<br>ADDL. MAHAD INDUSTRIAL AREA | Consumer Type : 1C1<br>Plot / Shed Area : 23,228.00<br>Plot / Shed No : **FS-1 & 2**<br>Block No :<br>Zone : 21<br>Cap. Contribution : | Meter Size : 100<br>Min. Qty/ Day : 56.00<br>Min. Qty / Month :<br>Sanction Qty / day :<br>Meter Status : Working<br>Stand Chg : | Deposit Amt.<br>1,416,015.00<br>Init/Addl./Ref SI |

Bcc: No Office Order : dt: 20-12-2020 End Dt: CarpetArea : 0.00 CETP Dep
CETP: No Order No : Dated :
Env.: Yes

| ## Previous Balance | | # Current Charges | = | Amount Due Before Due Date | DPC Amount | Due Date |
|---|---|---|---|---|---|---|
| 0.00 | + | 113,705.00 | = | 113,705.00 | 1,472.00 | 27-06-2023 |

| Meter No / Size | Previous | | Current | | Water Qty. Cub. Meter | Remarks (If Any) |
|---|---|---|---|---|---|---|
| | Reading | Date | Reading | Date | | |
| 596MHD~1005036<br>100 | 61388 | 30-04-2023 | 64305 | 31-05-2023 | 2917 | |
| | 0 0.00 | | 0 1.00 | | 0 1.00 | 2022 0.00 |

| Charges Code | REGULAR | | | | |
|---|---|---|---|---|---|
| | CHARGES | | DPC | | |
| | CURRENT # | PREVIOUS ## | CURRENT # LAST MONTH | PREVIOUS ## | |
| CGST-Service Charge | 523.00 | 0.00 | 0.00 | 0.00 | 998599 CGST @9.00% |
| SGST-Service Charge | 523.00 | 0.00 | 0.00 | 0.00 | 998599 SGST @9.00% |
| CGST-Fire Charge | 192.00 | 0.00 | 0.00 | 0.00 | 999126 CGST @9.00% |
| SGST-Fire Charge | 192.00 | 0.00 | 0.00 | 0.00 | 999126 SGST @9.00% |
| CGST-Drainage Charge | 2,179.00 | 0.00 | 29.00 | 0.00 | 999490 CGST @9.00% |
| SGST-Drainage Charge | 2,179.00 | 0.00 | 29.00 | 0.00 | 999490 SGST @9.00% |
| Water Charges_L | 74,384.00 | 0.00 | 1,002.00 | 0.00 | 2201 GST @ 0.00% 17.00*2,917.00*1.50 |
| Service Charges | 5,807.00 | 0.00 | 0.00 | 0.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| Fire Charges | 2,129.00 | 0.00 | 0.00 | 0.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| Drainage Charges | 24,211.00 | 0.00 | 326.00 | 0.00 | 999490 GST @ 18.00% Wtr = 2,917.00 * Rt = 8.30 |
| **TOTAL** | 112,319.00 | 0.00 | 1,386.00 | 0.00 | |

LAST PAYMENT DETAILS Rcpt. No. Date
24MAH00000660, 30-05-2023, 124,037.00

**DEPUTY ENGINEER M.I.D.C.**

Rupees : **One Lakh Thirteen Thousand Seven Hundred and Five Only**

Recovery of GST along with Interest for the Period 01.07.2017 To 04.09.2022For Online Payment visit MIDC web site www.midcindia.org and use Consumer No.

Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC,Mahad Civil
Payment Timings : 10:30:00 am to 01:30:00 pm, Closed on Saturd
Sundays and Public Holidays. For any queries, contact Deputy Engineer, MIDC, Phone No. GST No.....

*** Please submit your official GST No.,email and phone no while paying this bill at receipt counter.**

Maharashtra Industrial Development Corporation
(A Government of Maharashtra Undertaking)
(Issued Subject to MIDC's water Supply Regulation 1973)
Water Bill

GSTIN: 27AAACM3560C1ZV
PAN NO: AAACM3560C
IRN NO: c47d808a7c6175cb9ec415a6299f29a552cc360b78575333d7e956006bc185df

Original for receipent
Duplicate for Supplier

CustGSTIn/PANIN : 27AAICA3536A1Z3/AAICA3536A **Mahad Industrial Area** Bill No :: SI24000279342
Consumer No:- DV009/596MHD/301 **Issued Date :: 12-07-2023** **Month / Year ::** June,2023

| | | | |
|---|---|---|---|
| AASTRID LIFE SCIENCES PRIVATE LIMITED<br>PLOT NO. FS-2<br>ADDL. MAHAD INDUSTRIAL AREA | Consumer Type : 1C1<br>Plot / Shed Area : 23.228.00<br>Plot / Shed No : **FS-1 & 2**<br>Block No :<br>Zone : 21<br>Cap. Contribution : | Meter Size : 100<br>Min. Qty/ Day : 56.00<br>Min. Qty / Month :<br>Sanction Qty / day :<br>Meter Status : Working<br>Stand Chg : | Deposit Amt.<br>1,416,015.00<br>Init/Addl./Ref SI |

Bcc: No Office Order : dt: 20-12-2020 End Dt:
CETP: Yes Order No : Dated : 01-06-2023
Env.: Yes

CarpetArea : 0.00

CETP Dep

| ## Previous Balance | + | # Current Charges | = | Amount Due Before Due Date | DPC Amount | Due Date |
|---|---|---|---|---|---|---|
| 113705.00 | | 236,520.00 | | 350,225.00 | 3,099.00 | 26-07-2023 |

| Meter No / Size | Previous | | Current | | Water Qty. Cub. Meter | Remarks (If Any) |
|---|---|---|---|---|---|---|
| | Reading | Date | Reading | Date | | |
| 596MHD~1005036<br>100 | 64305 | 31-05-2023 | 67526 | 30-06-2023 | 3221 | |
| | 0 0.00 | | 0 1.00 | | 0 1.00 | 2022 0.00 |

| Charges Code | REGULAR | | | | |
|---|---|---|---|---|---|
| | CHARGES | | DPC | | |
| | CURRENT # | PREVIOUS ## | CURRENT # LAST MONTH | PREVIOUS ## | |
| CGST-Service Charge | 523.00 | 523.00 | 0.00 | 0.00 | 998599 CGST @9.00% |
| SGST-Service Charge | 523.00 | 523.00 | 0.00 | 0.00 | 998599 SGST @9.00% |
| CGST-Fire Charge | 192.00 | 192.00 | 0.00 | 0.00 | 999126 CGST @9.00% |
| SGST-Fire Charge | 192.00 | 192.00 | 0.00 | 0.00 | 999126 SGST @9.00% |
| CGST-Drainage Charge | 2,406.00 | 2,179.00 | 31.00 | 29.00 | 999490 CGST @9.00% |
| SGST-Drainage Charge | 2,406.00 | 2,179.00 | 31.00 | 29.00 | 999490 SGST @9.00% |
| Water Charges_L | 82,136.00 | 74,384.00 | 1,064.00 | 1002.00 | 2201 GST @ 0.00% 17.00*3,221.00*1.50 |
| Service Charges | 5,807.00 | 5,807.00 | 0.00 | 0.00 | 998599 GST @ 18.00% (Plt = 23,228.00 * Rt = 3.00 * FSI = 1.00) / 12 |
| Fire Charges | 2,129.00 | 2,129.00 | 0.00 | 0.00 | 999126 GST @ 18.00% (23,228.00 * 1.10)/12 |
| Drainage Charges | 26,734.00 | 24,211.00 | 346.00 | 326.00 | 999490 GST @ 18.00% Wtr = 3,221.00 * Rt = 8.30 |
| CETP-on behalf of Association | 112,000.00 | 0.00 | 0.00 | 0.00 | 999433 GST @ 12.00% Security Deposite = 0.00 |
| **TOTAL** | 235,048.00 | 112,319.00 | 1,472.00 | 1,386.00 | |

LAST PAYMENT DETAILS Rcpt. No. Date
24MAH00000660, 30-05-2023, 124,037.00

DEPUTY ENGINEER M.I.D.C.

Rupees : **Three Lakh Fifty Thousand Two Hundred and Twenty Five Only**

For Online Payment visit MIDC web site www.midcindia.org and use Consumer No. DV009/596MHD/301

Cheque / DD/ PO should be drawn in favour of Executive Engineer MIDC,Mahad Civil Payment Timings : 10:30:00 am to 01:30:00 pm, ( Sundays and Public Holidays. For any queries, contact Deputy Engineer, MIDC, Phone No, GST No.....

*** Please submit your official GST No.,email and phone no while paying this bill at receipt counter.**

# Annexure –XVII

Form IV

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-0000039665 | 28-06-2023 | Generator |

***Submitted for Year:***

April 2022 to March 2023

| ***1. Name of the generator/operator of facility*** | ***Address of the unit/facility*** |
|---|---|
| Aastrid Life science Private Ltd. | Plot No. FS-1 & FS-2, Additional industrial Area, Mahad, Village- Amshet, Tal- Mahad, Dist- Raigad. |

| ***1b. Authorization Number*** | ***Date of issue*** | ***Date of validity of consent*** |
|---|---|---|
| Format 1.0/CC/UAN No. 0000123206/CO-2111000838 | Nov 22, 2021 | Oct 31, 2026 |

| ***2. Name of the authorised person*** | ***Full address of authorised person*** |
|---|---|
| Jitendra Jadhav | Aastrid Life Scinence Pvt Ltd, Plot No. FS-1 & FS-2, Additional industrial Area, Mahad, Village- Amshet, Tal- Mahad, Dist- Raigad. |

| ***Telephone*** | ***Fax*** | ***Email*** |
|---|---|---|
| 7304494251 | NA | jitendra.jadhav@aastrid.com |

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

| ***Product Type **** | ***Product Name **** | ***Consented Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|---|
| Pharmaceuticals(excluding formulation) | (S)-n-ethyl-2- Aminomethyl Pyrrolidine | 42.0000 | 19.1 | MT/A |
| Pharmaceuticals(excluding formulation) | N-ethyl-2-Aminomethyl Pyrrolidine | 80.0000 | 18.9 | MT/A |
| Pharmaceuticals(excluding formulation) | 2-Amino-3-Nitro-6-Chloropyridine | 17.0000 | 13.4 | MT/A |
| Pharmaceuticals(excluding formulation) | 5,6 Dimethoxy Indanone | 42.0000 | 6.79 | MT/A |
| Pharmaceuticals(excluding formulation) | 5-Chloro-3-Sulfonamide Acetate Thiopene-2-Carboxylate | 42.0000 | 39.2 | MT/A |
| Pharmaceuticals(excluding formulation) | (S)-3-Hydroxy Tetrahydrofuran | 25.0000 | 23.9 | MT/A |
| Pharmaceuticals(excluding formulation) | N-(4-Aminobenzoyl)-beta aniline | 42.0000 | 31.1 | MT/A |
| Pharmaceuticals(excluding formulation) | 6-[methyl(phenylsulfonyl)amino]-hexanoic acid | 209.0000 | 85 | MT/A |

## PART A: To be filled by hazardous waste generators

### 1. Total Quantity of waste generated category wise

| ***Type of hazardous waste*** | ***Wate Name*** | ***Consented Quantity*** | ***Quantity*** | ***UOM*** |
|---|---|---|---|---|
| 28.1 Process Residue and wastes | Process Residue & Waste | 840.000 | 15.240 | MTA |
| 35.3 Chemical sludge from waste water treatment | Chemical Sludge From WWT | 210.000 | 27.320 | MTA |
| 37.3 Concentration or evaporation residues | MEE Salt | 3486.000 | 90.870 | MTA |
| 28.6 Spent organic solvents | Spent Solvents | 2016.000 | 10.780 | MTA |

2. Quantity dispatched category wise.

| Type of Waste | Quantity of waste | UOM | Dispatched to | Facility Name |
|---|---|---|---|---|
| 28.1 Process Residue and wastes | 8.250 | MTA | Disposal Facility | Mumbai Waste Management Limited |
| 35.3 Chemical sludge from waste water treatment | 23.405 | MTA | Disposal Facility | Mumbai Waste Management Limited |
| 37.3 Concentration or evaporation residues | 85.151 | MTA | Disposal Facility | Mumbai Waste Management Limited |
| 28.6 Spent organic solvents | 8.971 | MTA | Disposal Facility | S.S. Chemical Industry, MIDC-Mahad |

3. Quantity Utilised in-house,If any

| Type of Waste | Name of Waste | Quantity of Waste | UOM |
|---|---|---|---|
| | NA | 0 | KL/Anum |

4. Quantity in storage at the end of the year

| Type of Waste | Name of Waste | Quantity of Waste | UOM |
|---|---|---|---|
| 28.1 Process Residue and wastes | Process Residue & Waste | 6.990 | MTA |
| 35.3 Chemical sludge from waste water treatment | Chemical Sludge from WWT | 3.915 | MTA |
| 37.3 Concentration or evaporation residues | MEE Salt | 5.719 | MTA |
| 28.6 Spent organic solvents | Spent Solvent | 1.809 | MTA |

5. Quantity disposed in landfills as such and after treatment

| Type | Quantity | UOM |
|---|---|---|
| Direct landfilling | 0 | KL/Anum |
| Landfill after treatment | 116.806 | MTA |

| 6. Quantity incinerated (if applicable) | UOM |
|---|---|
| 0 | KL/Anum |

## PART B: To be filled bt Treatment,storage, and disposal facility operators

| 1.Total Quantity received | UOM | State Name |
|---|---|---|
| NA | KL/Anum | Maharashtra |

| 2. Quantity in stock at the beginning of the year | UOM |
|---|---|
| NA | KL/Anum |

| 3. Quantity treated | UOM |
|---|---|
| NA | KL/Anum |

4. Quantity disposed in landfills as such and after treatment

| Type | Quantity | UOM |
|---|---|---|
| Direct landfilling | NA | KL/Anum |
| Landfill after treatment | NA | KL/Anum |

| 5. Quantity incinerated (if applicable) | UOM |
|---|---|
| NA | KL/Anum |

| 6. Quantiry processed other than specified above | UOM |
|---|---|
| NA | KL/Anum |

| 7. Quantity in storage at the end of the year. | UOM |
|---|---|
| NA | KL/Anum |

## *PART C: To be □lled by recyclers or co-processors or other users*

### 1. Quantity of waste received during the year

| *Waste Name/Category* | *Country Name* | *State Name* | *Quantity of waste received from domestic sources* | *Quantity of waste imported(If any)* | *Units* |
|---|---|---|---|---|---|
| NA | India | Maharashtra | NA | NA | KL/Anum |

### 2. Quantity in stock at the beginning of the year

| *Waste Name/Category* | *Quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 3. Quantity of waste recycled or co-procesed or used

| *Name of Waste* | *Type of Waste* | *Quantity* | *UOM* |
|---|---|---|---|
| NA | NA | NA | KL/Anum |

### 4. Quantity of products dispatched (wherever applicable)

| *Name of product* | *Quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 5. Total quantity of waste generated

| *Waste name/category* | *quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 6. Total quantity of waste disposed

| *Waste name/category* | *quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 7. Total quantity of waste re-exported (If Applicable)

| *Waste name/category* | *quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 8. Quantity in storage at the end of the year

| *Waste name/category* | *quantity* | *UOM* |
|---|---|---|
| NA | NA | KL/Anum |

### 9. Quantity disposed in landfills as such and after treatment

| *Type* | *Quantity* | *UOM* |
|---|---|---|
| Direct landfilling | NA | KL/Anum |
| Landfill after treatment | NA | KL/Anum |

### 10. Quantity incinerated (if applicable)

| | *UOM* |
|---|---|
| NA | KL/Anum |

### Personal Details

| *Place* | *Date* | *Designation* |
|---|---|---|
| MIDC-Mahad | 2023-06-28 | Associated Vice President |