Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

# FORM V

**(See Rule 14)**

**Environmental Audit Report for the financial Year ending the 31st March 2025**

| ***Unique Application Number*** | ***Submitted Date*** |
|---|---|
| MPCB-ENVIRONMENT_STATEMENT-0000087061 | 28-09-2025 |

## PART A

### *Company Information*

| ***Company Name*** | ***Application UAN number*** |
|---|---|
| Aastrid Life Sciences PVT LTD, | Format1.0/CC/UAN No.0000176795/CO/2401003042 |

***Address***

Plot No FS-1 & FS-2, Additional Industrial Area Mahad. Village Amshet Tal Mahad ,Dist Raigad

| ***Plot no*** | ***Taluka*** | ***Village*** |
|---|---|---|
| FS-1 & FS-2,Additional Industrial Area | Mahad | Amshet |
| ***Capital Investment (In lakhs)*** | ***Scale*** | ***City*** |
| 89.6079 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.0000176795/CO-2401003042 | 2024-01-31 |
| ***Consent Valid Upto*** | ***Establishment Year*** | ***Date of last environment statement submitted*** |
| 2026-10-31 | 2021 | Sep 28 2024 12:00:00:000AM |

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

### *Product Information*

| ***Product Name*** | ***Consent Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| 4,6-dichloro-5-methoxypyrimidine | 60 | 34.654 | MT/A |
| 5,6-Dimethoxy Indanone | 60 | 1.088 | MT/A |
| 5 nitro 2 methoxy phenol | 24 | 0.822 | MT/A |
| 2-Amino-2-chloro-5-nitro benzophenone | 36 | 10.86 | MT/A |
| (S)-n-ethyl-2-aminomethyl pyrrolidine | 60 | 35.6 | MT/A |
| 4-Bromophthalic Anhydrid | 12 | 11.076 | MT/A |

| | | | |
|---|---|---|---|
| N-(pyridin-3-yl)acetamide | 12 | 0.99 | 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*** | 52.80 | 43.00 |
| ***Cooling*** | 360.00 | 30.00 |
| ***Domestic*** | 10.00 | 7.50 |
| ***All others*** | 38.00 | 10.00 |
| ***Total*** | 460.80 | 90.50 |

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

| *Particulars* | *Consent Quantity* | *Actual Quantity* | *UOM* |
|---|---|---|---|
| Trade Effluent | 99.5 | 25 | CMD |
| Domestic Effluent | 8 | 6.5 | 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)-n-ethyl-2-Aminomethyl Pyrrolidine | 18 | 2.77 | CMD |
| 5,6 Dimethoxy Indanone | 1.5 | 1.1 | CMD |
| 4,6-dichloro-5-methoxypyrimidine | 6.41 | 5.64 | CMD |
| 3,6 Dichloro pyridazine | 0.5 | 00 | CMD |
| 2-Amino-2-chloro-5-nitro benzophenone | 3.89 | 4.01 | CMD |
| 2-Amino-5-chloro-2-chloro benzophenone | 1.85 | 0 | CMD |
| 3,3-tetra methyl glutarimide | 0.422 | 00 | CMD |
| 4-bromophthalic Anhydride | 0 | 1.4 | CMD |
| 5 nitro 2 methoxy phenol | 0 | 1.062 | CMD |
| N(pyridin-3-yl)acetamide | 0 | 0.23 | 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) | 0 | 13837.5 | MT/A |
| Di methyl Sulphate | 0.540 | 154.410 | MT/A |
| Sodium Bicarbonate | 5.76 | 4.296 | MT/A |
| Liquid Ammonia | 70.968 | 2.585 | MT/A |
| DMF | 0 | 107.625 | MT/A |
| Veratrole | 1.8 | 2.20 | MT/A |

| | | | |
|---|---|---|---|
| Aluminium Chloride | 8.9 | 2.115 | MT/A |
| Sulphuric Acid | 93.039 | 101.420 | MT/A |
| Chloroform | 80 | 0 | MT/A |
| Tri Ethyl Amine | 69.0 | 0 | MT/A |
| Methanol | 422.650 | 444.430 | MT/A |
| Sodium Hydroxide flex | 0.666 | 9.920 | MT/A |
| Toluene | 87.745 | 286.140 | MT/A |
| Diethyl Malonate | 14 | 107.400 | MT/A |
| POCl3 | 197 | 140.220 | MT/A |
| Sodium Methoxide Solution 30% | 391.260 | 366.075 | MT/A |
| MDC | 100.8 | 75.180 | MT/A |
| Para chloro Aniline | 8.325 | 0 | MT/A |
| Zinc Chloride Anhydrous | 28.050 | 22.0 | MT/A |
| Nitro Methane | 52.5 | 78.720 | MT/A |
| Hydrochloric Acid | 162.724 | 21.571 | MT/A |
| Nitro Methane | 52.5 | 78.720 | MT/A |
| Chorine gas | 88.8 | 66.23 | MT/A |
| Formamide | 18.0 | 0 | MT/A |
| EDTA Disodiium salt | 0.048 | 0.010 | MT/A |
| 2-chlorobenzoyl chlorid (ortho-chlorobenzoyl chloride) | 76.50 | 60.0 | MT/A |
| Ethylene Dichloride | 5.4 | 6.60 | MT/A |
| Activated carbon ENO pc | 0.142 | 0.400 | MT/A |
| Hyflow supercel | 0.661 | 0.640 | MT/A |
| para nitro aniline | 14.3 | 17.6 | MT/A |
| cyclohexane | 4.0 | 1.6 | MT/A |
| Sodium matabisulphite 96.5% | 0.120 | 0 | MT/A |
| Ethyl Acetate | 4.640 | 0 | MT/A |
| Heptane | 3.50 | 0 | MT/A |
| Phenol crystaline | 1.095 | 1.095 | MT/A |
| tertiary butyl amine | 0.148 | 0 | MT/A |
| Sodium Dithionate | 0 | 0.012 | MT/A |
| Acetic Acid Glacical | 0 | 44.00 | MT/A |
| Diacetyl guanine | 0 | 36.0 | MT/A |
| (2-Acetoxyethoxy) methyl acetate | 0 | 53.280 | MT/A |
| Acetic Anhyddride | 0 | 22.464 | MT/A |
| Bromine | 0 | 12.600 | MT/A |
| Sodium Thiosulphate | 0 | 0.157 | MT/A |
| Phthalic Anhydride | 0 | 10.50 | MT/A |
| Nitric Acid | 0 | 3.720 | MT/A |

***4) Fuel Consumption***

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|---|---|---|---|
| Briquette | 5475 | 2018 | MT/A |
| HSD | 1000 | 85 | Ltr/Hr |
| LDO | 547 | 51 | 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 | 7.28 | 0 | 5.5 to 9.0 | NA |
| COD | 0.000795 | 53 | 0 | 250 | NA |
| BOD | 0.00195 | 5 | 0 | 30 | NA |
| TSS | 0.00012 | 8 | 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 | 17.21 | 40.4 | 0 | 50 Mg/NM3 | NA |
| SO2 | 13.97 | 5.83 | 0 | 43.2 kg/day | NA |
| ACID MIST | 0.192 | 4.0 | 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 | 136.88 | 25.8 | 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 | 416.645 | 408.0819 | MT/A |
| 28.1 Process Residue and wastes | 56.62 | 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 | 29.25 | 8.44 | MT/A |
| 37.3 Concentration or evaporation residues | 303.69 | 88.4 | MT/A |
| 28.6 Spent organic solvents | 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 | 680 | 201 | MT/A |

***2) From Pollution Control Facilities***

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| Ms/SS metal scrap/HDPE/FRP/PP scrap | 0 | 12.902 | 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 | 90.8 | MT/A | NA |
| 35.3 Chemical sludge from waste water treatment | 10.44 | MT/A | NA |
| 37.3 Concentration or evaporation residues | 138.4 | MT/A | NA |
| 28.6 Spent organic solvents | 410.034 | 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 | 10 | 0 | 0 | 0 | 15 | 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 | New Hazardous waste amd Non Hazardous waste arrea | 15 |

***[B] Investment Proposed for next Year***

| Detail of measures for Environmental Protection | Environmental Protection Measures | Capital Investment (Lacks) |
|---|---|---|
| Recycling of Steam Condensate | 0 | 5 |
| ETP/MEE/RO Modification | 0 | 5 |

## 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-0000087061

***Submitted On:***

28-09-2025