



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: November 6, 2018

To,  
**Mr. Deepak Bhageria**  
at D-17, MIDC Tarapur,

**Subject:** Environment Clearance for Environment Clearance for Proposed expansion of Ms. Nipur Chemicals Ltd. from 250 MTM to 4621 MTM

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 154th ,day-3th 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 143rd meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category NA as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

|  |   |
|--|---|
| 1.Name of Project  | M/s. Nipur Chemicals Ltd.   |
| 2.Type of institution  | Private   |
| 3.Name of Project Proponent  | Mr. Deepak Bhageria   |
| 4.Name of Consultant   | Building Environment (India) Pvt. Ltd.  |
| 5.Type of project  | Industrial Estate - Industry 5 (f ) Category  |
| 6.New project/expansion in existing project/modernization/diversification in existing project          | Expansion in existing project   |
| 7.If expansion/diversification, whether environmental clearance has been obtained for existing project | PP has applied for EC with expansion in proposed activity . Environmental clearance has not been obtained for existing project  |
| 8.Location of the project  | D-17, MIDC Tarapur,   |
| 9.Taluka   | Palghar   |
| 10.Village   | N.A   |
| Correspondence Name:   | Mr. Deepak Bhageria   |
| Room Number:   | A1/101  |
| Floor:   | NA  |
| Building Name:   | M/s. Nipur Chemicals Ltd.   |
| Road/Street Name:  | Virwani Industrial Estate   |
| Locality:  | WE Highway, Goregaon,   |
| City:  | Mumbai - East   |
| 11.Whether in Corporation / Municipal / other area   | Tarapur M.I.D.C. Area   |
| 12.IOD/IOA/Concession/Plan Approval Number   | Industry has applied for revised Factory layout approval for proposed expansion<br><b>IOD/IOA/Concession/Plan Approval Number:</b> Industry has applied for revised Factory layout approval for proposed expansion<br><b>Approved Built-up Area:</b> 32757.25 |

**SEIAA Meeting No: 143 Meeting Date: October 19, 2018 ( SEIAA-STATEMENT-000000887 )**  
**SEIAA-MINUTES-000000708**  
**SEIAA-EC-000000499**

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

|  |  |
|--|--|
| 13.Note on the initiated work (If applicable)                                | Industry is already in operation and has applied for expansion in existing activity in terms of production capacity, hence manufacturing shed and other required buildings are already constructed. Existing BUA of industry is 22696.25 m2. |
| 14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)               | Industry has applied for revised Factory layout approval for proposed expansion  |
| 15.Total Plot Area (sq. m.)  | 100800.00 Sq.m.  |
| 16.Deductions  | Not applicable   |
| 17.Net Plot area   | 100800.00 Sq.m.  |
| 18 (a).Proposed Built-up Area (FSI & Non-FSI)                                | FSI area (sq. m.): 32757.85  |
|  | Non FSI area (sq. m.): Not applicable  |
|  | Total BUA area (sq. m.): 32757.85  |
| 18 (b).Approved Built up area as per DCR                                     | Approved FSI area (sq. m.):  |
|  | Approved Non FSI area (sq. m.):  |
|  | Date of Approval:  |
| 19.Total ground coverage (m2)  | 19752.87   |
| 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) | 19.6   |
| 21.Estimated cost of the project   | 1223400000   |



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## 22. Production Details

| Serial Number | Product   | Existing (MT/M) | Proposed (MT/M) | Total (MT/M) |
|---------------|---|-----------------|-----------------|--------------|
| 1             | H. Acid   | 0               | 500             | 500          |
| 2             | Gamma Acid  | 0               | 100             | 100          |
| 3             | Sulpho Tobias Acid                                      | 0               | 100             | 100          |
| 4             | Koch Acid   | 0               | 20              | 20           |
| 5             | Schaeffer Acid  | 0               | 100             | 100          |
| 6             | Bronner Acid  | 0               | 10              | 10           |
| 7             | Chromotropic Acid                                       | 0               | 10              | 10           |
| 8             | G-Salt  | 0               | 141             | 141          |
| 9             | Ek Acid   | 0               | 10              | 10           |
| 10            | K Acid  | 0               | 100             | 100          |
| 11            | Amide G-Acid  | 0               | 10              | 10           |
| 12            | Sulpho Gama   | 0               | 10              | 10           |
| 13            | Benzoyl H-Acid  | 0               | 10              | 10           |
| 14            | Acetanilide   | 0               | 800             | 800          |
| 15            | Vinyl Sulphone  | 0               | 500             | 500          |
| 16            | J Acid  | 0               | 100             | 100          |
| 17            | DASA  | 0               | 100             | 100          |
| 18            | Dyes  | 0               | 2000            | 2000         |
| 19            | Chemical Gypsum   | 2250            | 3750            | 6000         |
| 20            | Iron Oxide  | 750             | 0               | 750          |
| 21            | Sodium Bi Sulphite (Soln) 20 - 30 %                     | 450             | 1050            | 1500         |
| 22            | Hydrochloric Acid (Dilute)                              | 15              | 15              | 30           |
| 23            | SVS   | 60              | 90              | 150          |
| 24            | R- Complex  | 30              | 30              | 60           |
| 25            | SOAVS   | 25.5            | 4.5             | 30           |
| 26            | Sodium Sulphate   | 300             | 900             | 1200         |
| 27            | Spent H-Acid from H-Acid Effluent                       | 105             | 105             | 210          |
| 28            | Spent Nitric Acid from NOx gas scrubber of H-Acid Plant | 51              | 69              | 120          |
| 29            | Sodium Nitrate/Nitrite From Nox Scrubber                | 6               | 24              | 30           |
| 30            | Potassium Salt Solution From Gama Acid Effluent         | 21              | 0               | 21           |
| 31            | Spent Acetic Acid 25%                                   | 0               | 120             | 120          |
| 32            | Spent Acetic Acid 90%                                   | 0               | 120             | 120          |
| 33            | Hydrochloric Acid 30%                                   | 0               | 900             | 900          |
| 34            | Spent Sulphuric Acid 25%                                | 0               | 4200            | 4200         |

|    |   |     |      |      |
|----|---|-----|------|------|
| 35 | Sodium Sulphate Solution  | 0   | 4200 | 4200 |
| 36 | Sulphanillic Acid   | 0   | 6    | 6    |
| 37 | H. Acid, Gamma Acid, Sulpho Tobias Acid, Koch Acid, Schaeffer Acid, Bronner Acid, Chromotropic Acid, G-Salt, Ek Acid, K Acid, Amide G-Acid, Sulpho Gama, Benzoyl H-Acid | 250 | 0    | 250  |

### 23.Total Water Requirement

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Dry season:</b>                       | <b>Source of water</b>                              | MIDC & Treated Water From STP & ETP |
|  | <b>Fresh water (CMD):</b>                           | 1060.6                              |
|  | <b>Recycled water - Flushing (CMD):</b>             | 6.0                                 |
|  | <b>Recycled water - Gardening (CMD):</b>            | 91.8                                |
|  | <b>Swimming pool make up (Cum):</b>                 | 0                                   |
|  | <b>Total Water Requirement (CMD) :</b>              | 1410.6                              |
|  | <b>Fire fighting - Underground water tank(CMD):</b> | 200                                 |
|  | <b>Fire fighting - Overhead water tank(CMD):</b>    | Not applicable                      |
|  | <b>Excess treated water</b>                         | Not applicable                      |
| <b>Wet season:</b>                       | <b>Source of water</b>                              | MIDC & Treated Water From STP & ETP |
|  | <b>Fresh water (CMD):</b>                           | 860.6                               |
|  | <b>Recycled water - Flushing (CMD):</b>             | 6.0                                 |
|  | <b>Recycled water - Gardening (CMD):</b>            | 0.0                                 |
|  | <b>Swimming pool make up (Cum):</b>                 | 0                                   |
|  | <b>Total Water Requirement (CMD) :</b>              | 1210.6                              |
|  | <b>Fire fighting - Underground water tank(CMD):</b> | 200                                 |
|  | <b>Fire fighting - Overhead water tank(CMD):</b>    | Not applicable                      |
|  | <b>Excess treated water</b>                         | Not applicable                      |
| <b>Details of Swimming pool (If any)</b> | Not applicable                                      |                                     |

## 24.Details of Total water consumed

| Particulars                | Consumption (CMD) |          |        | Loss (CMD) |          |       | Effluent (CMD) |          |       |
|----------------------------|-------------------|----------|--------|------------|----------|-------|----------------|----------|-------|
|                            | Existing          | Proposed | Total  | Existing   | Proposed | Total | Existing       | Proposed | Total |
| Domestic                   | 25                | 16       | 41     | 5          | 3.2      | 8.2   | 20             | 12.8     | 32.8  |
| Industrial Process         | 325               | 223      | 548    | 205        | 218.6    | 423.6 | 120            | 4.4      | 124.4 |
| Cooling tower & thermopack | 150               | 474.8    | 624.8  | 150        | 474.8    | 624.8 | 0              | 1.2      | 1.2   |
| Gardening                  | 20                | 71.8     | 91.8   | 20         | 71.8     | 91.8  | 0              | 0        | 0     |
| Fresh water requirement    | 500               | 560.6    | 1060.6 | 360        | 543.4    | 903.4 | 140            | 17.2     | 157.2 |

### 25.Rain Water Harvesting (RWH)

|  |   |
|--|---|
| Level of the Ground water table:         | 5 - 10 meter  |
| Size and no of RWH tank(s) and Quantity: | Industry has adopted roof top rainwater harvesting and same shall be used for process |
| Location of the RWH tank(s):             | MIDC  |
| Quantity of recharge pits:               | NA  |
| Size of recharge pits :                  | NA  |
| Budgetary allocation (Capital cost) :    | NA  |
| Budgetary allocation (O & M cost) :      | NA  |
| Details of UGT tanks if any :            | NA  |

### 26.Storm water drainage

|                                 |                          |
|---------------------------------|--------------------------|
| Natural water drainage pattern: | Yes                      |
| Quantity of storm water:        | 10.05 m <sup>3</sup> /hr |
| Size of SWD:                    | 340mm * 260mm            |

|                                  |   |   |
|----------------------------------|---|---|
| <b>27.Sewage and Waste water</b> | <b>Sewage generation in KLD:</b>              | 32.8  |
|                                  | <b>STP technology:</b>                        | MBBR  |
|                                  | <b>Capacity of STP (CMD):</b>                 | 2 STP: 1 Existing STP of capacity 30CMD & 10CMD STP is proposed |
|                                  | <b>Location &amp; area of the STP:</b>        | Near Cooling Tower  |
|                                  | <b>Budgetary allocation (Capital cost):</b>   | 45000000 INR  |
|                                  | <b>Budgetary allocation (O &amp; M cost):</b> | 35000000 INR  |



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## 28.Solid waste Management

|   |  |   |
|---|--|---|
| <b>Waste generation in the Pre Construction and Construction phase:</b> | <b>Waste generation:</b>                                   | Construction Debris   |
|   | <b>Disposal of the construction waste debris:</b>          | The construction debris will be collected and suitably used on site as sub base of internal road and drive ways. Also it will be used to achieve higher plinth level. Some of the debris would be converted into building blocks by using appropriate technology. Remaining waste, if any, would be sent to dumping site planned by the proponent |
| <b>Waste generation in the operation Phase:</b>                         | <b>Dry waste:</b>  | 2.08 kg/day   |
|   | <b>Wet waste:</b>  | 1.56 kg/d   |
|   | <b>Hazardous waste:</b>                                    | Waste Residues Containing oil - 5.0 kg/day, Process Waste Sludge / Residues- 50.0 MTD, Chemical sludge from waste water treatment - 5.5 MTD   |
|   | <b>Biomedical waste (If applicable):</b>                   | NA  |
|   | <b>STP Sludge (Dry sludge):</b>                            | 7.0 Kg/Day  |
|   | <b>Others if any:</b>                                      | Coal Ash - 5 MTD  |
| <b>Mode of Disposal of waste:</b>                                       | <b>Dry waste:</b>  | Sold to authorized Recycler   |
|   | <b>Wet waste:</b>  | Shall be Treated in OWC & used for manure   |
|   | <b>Hazardous waste:</b>                                    | CHWTSDF and Sold to authorized Recycler   |
|   | <b>Biomedical waste (If applicable):</b>                   | NA  |
|   | <b>STP Sludge (Dry sludge):</b>                            | Used as a Manure  |
|   | <b>Others if any:</b>                                      | NA  |
| <b>Area requirement:</b>  | <b>Location(s):</b>  | Near STP  |
|   | <b>Area for the storage of waste &amp; other material:</b> | 5   |
|   | <b>Area for machinery:</b>                                 | 5   |
| <b>Budgetary allocation (Capital cost and O&amp;M cost):</b>            | <b>Capital cost:</b>                                       | 500000 INR  |
|   | <b>O &amp; M cost:</b>                                     | 150000 INR  |

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## 29. Effluent Characteristics

| Serial Number                         | Parameters | Unit  | Inlet Effluent Characteristics | Outlet Effluent Characteristics | Effluent discharge standards (MPCB) |
|---------------------------------------|------------|---|--------------------------------|---------------------------------|-------------------------------------|
| 1                                     | pH         | mg/l  | 7.9                            | 7.7                             | 5.5 - 9.0                           |
| 2                                     | TSS        | mg/l  | 68                             | 10                              | 100                                 |
| 3                                     | O&G        | mg/l  | 16                             | BDL                             | 10                                  |
| 4                                     | BOD        | mg/l  | 169                            | 26                              | 100                                 |
| 5                                     | COD        | mg/l  | 560                            | 80                              | 250                                 |
| Amount of effluent generation (CMD):  |            | 124.4   |                                |                                 |                                     |
| Capacity of the ETP:                  |            | Existing - 120, Proposed Upgradation- 20, Total Capacity = 140  |                                |                                 |                                     |
| Amount of treated effluent recycled : |            | 91.8  |                                |                                 |                                     |
| Amount of water send to the CETP:     |            | 65.4  |                                |                                 |                                     |
| Membership of CETP (if require):      |            | Yes, CETP Membership - TEPS/NCL/26-05/2007/01 dated 26.05.2007  |                                |                                 |                                     |
| Note on ETP technology to be used     |            | The industry is provided with ETP of 5 m <sup>3</sup> /hr capacity to treat industrial effluent using Fenton's primary treatment mechanism of physical processes involving super oxidation, coagulation and flocculation with chemical dosing followed by settling using tube settler that follows secondary or advanced oxidation process treatments using TiO <sub>2</sub> photochemical activation using UV and finally polishing the secondary treated effluent using tertiary process of filtrations. Ozonation for quaternary oxidation |                                |                                 |                                     |
| Disposal of the ETP sludge            |            | CHWTSDF, Taloja   |                                |                                 |                                     |

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| 30.Hazardous Waste Details                |  |                         |           |                              |                       |                        |                                    |
|---|--|-------------------------|-----------|------------------------------|-----------------------|------------------------|------------------------------------|
| Serial Number                             | Description                                | Cat                     | UOM       | Existing                     | Proposed              | Total                  | Method of Disposal                 |
| 1   | Waste residue containing Oil               | 5.2                     | Kg/Day    | 5.0                          | 0                     | 5.0                    | CHWTSDF                            |
| 2   | Process waste sludge/residues              | 26.1                    | MT/Day    | 35.0                         | 15.0                  | 50.0                   | Sold to authorize recycler/CHWTSDF |
| 3   | ETP Sludge                                 | 34.3                    | MT/Day    | 5.0                          | 0.5                   | 5.5                    | CHWTSDF                            |
| 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   | Thermo pack - 6 Lac Kl Cal x 2 Nos.        | 200 kg/Hr               | 2         | 30                           | 0.6                   | 150                    |                                    |
| 2   | Thermo pack - 4 Lac Kl Cal x 3 Nos.        | 300 Kg/Hr               | 3         | 30                           | 0.6                   | 120                    |                                    |
| 3   | Hot Air Generator - 10 Lac Kl Cal x 3 Nos. | 300 kg/Hr               | 3         | 30                           | 0.6                   | 150                    |                                    |
| 4   | Hot Air Generator - 4 Lac K Cal            | 100 Kg/Hr               | 1         | 30                           | 0.6                   | 150                    |                                    |
| 5   | Boiler - 4 MT/Hr.                          | 100Kg/Hr                | 1         | 30                           | 0.6                   | 150                    |                                    |
| 6   | Boiler - 6 MT/Hr.                          | 1000 Kg/Hr              | 1         | 30                           | 0.75                  | 148                    |                                    |
| 7   | Boiler - 10 MT/Hr.                         | 1000 kg/Hr              | 1         | 35                           | 1                     | 150                    |                                    |
| 8   | Sulphonation Reactor                       | NA                      | 1         | 30                           | 0.5                   | 29                     |                                    |
| 9   | Nitrification reactor                      | NA                      | 1         | 30                           | 0.5                   | 29                     |                                    |
| 10  | G-Salt Isolation process (HCl)             | NA                      | 1         | 30                           | 0.4                   | 90                     |                                    |
| 11  | Sulphonation process (SOx)                 | NA                      | 1         | 30                           | 0.4                   | 90                     |                                    |
| 12  | Gamma Acid Isolation process 1             | NA                      | 1         | 30                           | 0.4                   | 90                     |                                    |
| 13  | H-Acid Isolation process x 2 Nos.          | NA                      | 2         | 30                           | 0.4                   | 90                     |                                    |
| 14  | D.G. Set - 500KVA                          | 80LPH                   | 1         | 5                            | 0.4                   | 143                    |                                    |
| 15  | D.G. Set - 550KVA                          | 80LPH                   | 1         | 5                            | 0.4                   | 160                    |                                    |
| 16  | D.G. Set - 1250KVA x 2 Nos.                | 280LPH                  | 2         | 7                            | 0.4                   | 190                    |                                    |
| 32.Details of Fuel to be used             |  |                         |           |                              |                       |                        |                                    |
| Serial Number                             | Type of Fuel                               | Existing                | Proposed  | Total                        |                       |                        |                                    |
| 1   | Coal                                       | 50 TPD                  | 25 TPD    | 75 TPD                       |                       |                        |                                    |
| 2   | Diesel/LDO/FO                              | 160 LPH                 | 280 LPH   | 440 LPH                      |                       |                        |                                    |
| 33.Source of Fuel                         |  | Market and local Vendor |           |                              |                       |                        |                                    |
| 34.Mode of Transportation of fuel to site |  | Truck and Tanker        |           |                              |                       |                        |                                    |
| 35.Energy                                 |  |                         |           |                              |                       |                        |                                    |

|                           |  |   |
|---------------------------|--|---|
| <b>Power requirement:</b> | <b>Source of power supply :</b>                                      | MSEDCL  |
|                           | <b>During Construction Phase: (Demand Load)</b>                      | Industry is already in operation and during construction phase, existing power supply shall be utilized |
|                           | <b>DG set as Power back-up during construction phase</b>             | Industry is already in operation and during construction phase, existing power backup shall be utilized |
|                           | <b>During Operation phase (Connected load):</b>                      | 7086 KW   |
|                           | <b>During Operation phase (Demand load):</b>                         | 6200 KVA  |
|                           | <b>Transformer:</b>  | 2,660 KVA   |
|                           | <b>DG set as Power back-up during operation phase:</b>               | 500KVA, 550KVA & 1250KVA x 2  |
|                           | <b>Fuel used:</b>  | Diesel  |
|                           | <b>Details of high tension line passing through the plot if any:</b> | No  |

**Energy saving by non-conventional method:**

Industry has installed 160 KWH of Solar Power Plant

**36.Detail calculations & % of saving:**

| Serial Number | Energy Conservation Measures                        | Saving % |
|---------------|---|----------|
| 1             | Industry has installed 160 KWH of Solar Power Plant | 1.8%     |

**37.Details of pollution control Systems**

| Source      | Existing pollution control system | Proposed to be installed      |
|-------------|-----------------------------------|-------------------------------|
| Thermo pack | MDC & Cyclone separator           | MDC & Cyclone separator       |
| Thermo pack | MDC & Cyclone                     | MDC & Cyclone                 |
| Boiler      | MDC with Cyclone & bag filter     | MDC with Cyclone & bag filter |

|  |                        |               |
|--|------------------------|---------------|
| <b>Budgetary allocation (Capital cost and O&amp;M cost):</b> | <b>Capital cost:</b>   | 109200000 INR |
|  | <b>O &amp; M cost:</b> | 489000000 INR |

**38.Environmental Management plan Budgetary Allocation**

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

| Serial Number | Attributes                   | Parameter                    | Total Cost per annum (Rs. In Lacs) |
|---------------|------------------------------|------------------------------|------------------------------------|
| 1             | Air Pollution Control System | Air Pollution Control System | 18.00                              |
| 2             | Site Sanitation & Safety     | Site safety                  | 5.00                               |
| 3             | Environmental Monitoring     | Environmental Monitoring     | 1.25                               |

|   |                 |                                      |     |
|---|-----------------|--------------------------------------|-----|
| 4 | Disinfection    | Disinfection of drinking water       | 1.2 |
| 5 | Health Check up | For Welfare for construction workers | 2.4 |

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

| Serial Number | Component                           | Description                         | Capital cost Rs. In Lacs | Operational and Maintenance cost (Rs. in Lacs/yr) |
|---------------|-------------------------------------|-------------------------------------|--------------------------|---|
| 1             | Water pollution control systems     | Water pollution control systems     | 800                      | 400   |
| 2             | Noise pollution control             | Noise pollution control             | 0                        | 2.0   |
| 3             | Green Belt Development/ Maintenance | Green Belt Development/ Maintenance | 22                       | 13  |
| 4             | Environmental monitoring / EMP      | Environmental monitoring / EMP      | 40                       | 5.6   |
| 5             | Occupational health & safety        | Occupational health & safety        | 30                       | 9.2   |

**39.Storage of chemicals (inflammable/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 | Near Parking | 20                     | 20   | 24750                     | Imported/indigenous | By Tanker               |
| Oleum 65%            | Liquid | Near Parking | 70                     | 70   | 225000                    | indigenous          | By Tanker               |
| Oleum 23%            | Liquid | Near Parking | 30                     | 30   | 199500                    | indigenous          | By Tanker               |
| Spent Sulphuric Acid | Liquid | Near Parking | 100                    | 100  | 990000                    | indigenous          | By Tanker               |
| Ammonum Hydroxide    | Liquid | Near Parking | 30                     | 30   | 9900                      | indigenous          | By Tanker               |
| Nitric acid weak     | Liquid | Near Parking | 70                     | 70   | 189000                    | indigenous          | By Tanker               |
| Hydrochloric Acid    | Liquid | Near Parking | 60                     | 60   | 300000                    | By-product          | By Tanker               |
| Anilene              | Liquid | Near Parking | 100                    | 100  | 121500                    | Imported/indigenous | By Tanker               |
| Sulphuric acid 98%   | Liquid | Near Parking | 120                    | 120  | 495000                    | indigenous          | By Tanker               |
| Spent Acetic Acid    | Liquid | Near Parking | 40                     | 40   | 990000                    | indigenous          | By Tanker               |
| Naphthalene          | Solid  | Near Parking | 150                    | 150  | 180000                    | Imported/indigenous | Closed container        |
| H-Acid               | Solid  | Near Parking | 100                    | 100  | 180000                    | Product             | Closed container        |
| Ethylene Oxide       | Liquid | Near Parking | 20                     | 20   | NA                        | indigenous          | By Tanker               |
| Chlorosulphonic Acid | Liquid | Near Parking | 400                    | 400  | indigenous                | indigenous          | By Tanker               |
| Sulphur Tri-Oxide    | Liquid | Near Parking | 30                     | 30   | indigenous                | indigenous          | By Tanker               |

**40.Any Other Information**

No Information Available

|  |  |    |
|--|--|----|
|  | <b>CRZ/ RRZ clearance obtain, if any:</b>  | NA |
|  | <b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b> | NA |
|  | <b>Category as per schedule of EIA Notification sheet</b>  | NA |
|  | <b>Court cases pending if any</b>  | NA |
|  | <b>Other Relevant Informations</b>   | NA |
|  | <b>Have you previously submitted Application online on MOEF Website.</b>                                       | No |
|  | <b>Date of online submission</b>   | -  |

**3. The proposal has been considered by SEIAA in its 143rd 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:**

|            |  |
|------------|--|
| <b>I</b>   | PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, Raw Material and Finished product storage areas, 33% green belt with its dimensions, rain water harvesting pit/tank locations with dimensions, storm water drain lines, along with area statement showing calculations of each area and cross sections of storm water drain and rain water harvesting pits etc. |
| <b>II</b>  | PP to submit commitment for Zero Liquid Discharge ETP.   |
| <b>III</b> | PP to prepare and implement CER plan in consultation with the District Consultation as per OM dated 01.05.2018.  |
| <b>IV</b>  | PP to submit a report on the interpretation of the base line data.   |
| <b>V</b>   | PP to provide new and renewable energy for the illumination of office building and street lights.  |
| <b>VI</b>  | PP shall comply with the conditions mentioned with ANNEXURE XX of the Office Memorandum issued MoEF&CC vide F.No.22034/2018-IA.III dt. 09.08.2018.   |
| <b>VII</b> | PP to ensure that, the CER plan should be as approved by Collector.  |

**General Conditions:**

|             |  |
|-------------|--|
| <b>I</b>    | (i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.   |
| <b>II</b>   | No additional land shall be used /acquired for any activity of the project without obtaining proper permission.  |
| <b>III</b>  | PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.   |
| <b>IV</b>   | Proper Housekeeping programmers shall be implemented.  |
| <b>V</b>    | 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.  |
| <b>VI</b>   | A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).  |
| <b>VII</b>  | A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.   |
| <b>VIII</b> | Arrangement shall be made that effluent and storm water does not get mixed.  |
| <b>IX</b>   | 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. |

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| 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.  |
| 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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>   |
| 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, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. |
| 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.

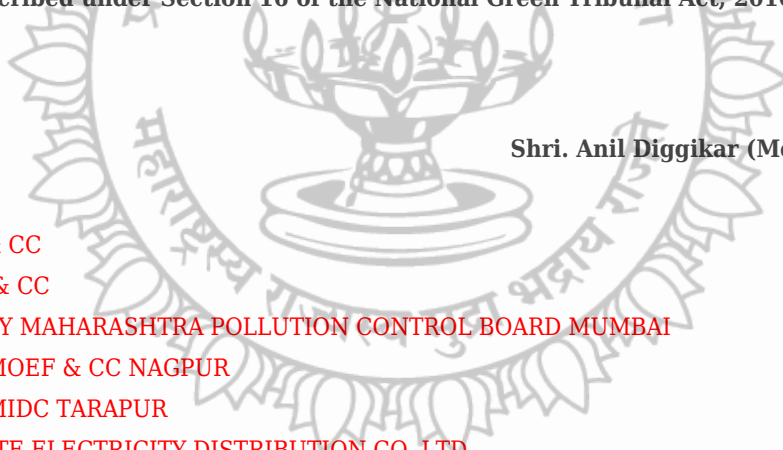
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

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, 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.



Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. REGIONAL OFFICE MIDC TARAPUR
6. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
7. COLLECTOR OFFICE PALGHAR

Government of  
Maharashtra