



THIRU A.UDHAYAN,I.F.S
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY – TAMIL NADU

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Chennai-15.
Phone No.044-24359973
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ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA/TN/F. 6506/5(f)/EC - 65/2018 dated: 30.11.2018.

To

The Managing Director,
M/s. Aypols Polymers Private Limited.
Plot No. B-12, S.F. No. 185 & 186,
SIPCOT Industrial Area,
Perundurai, Erode District - 638052.

Sir,

Sub: SEIAA - TN – Environmental Clearance - Proposed expansion of resin manufacturing unit from capacity of 1,000 TPM to 3,000 TPM at S.F. No. 185(pt) & 186(pt), Plot No. B-12, SIPCOT Industrial Growth Centre, Perundurai Village and Taluk, Erode District, Tamil Nadu under category B1 and schedule 5(f) - Synthetic Organic Chemicals Industry (Dyes & Dye Intermediates; bulk) by M/s. Aypols Polymers Private Limited- Issued - Regarding.

- Ref:
1. Your application for ToR dated: 06.03.2018.
 2. ToR issued Lr No. SEIAA-TN /F.6506/SEAC-CV/5(f)/ToR-308/2017 dt: 02.04.2018.
 3. EIA report submitted on 25.07.2018.
 4. Minutes of 118th SEAC Meeting held on 02.08.2018.
 5. Minutes of 334th SEIAA Meeting held on 30.11.2018.



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1. This has reference to your application dated 06.03.2018 and subsequent communication on the above mentioned subject by M/s. Aypols Polymers Private Limited. For expansion of basic organic chemicals manufacturing facility in Form-1, Prefeasibility Report to SEIAA-TN for obtaining Environmental Clearance for the Proposed expansion of resin manufacturing unit from capacity of 1,000 TPM to 3,000 TPM at S.F. No. 185(pt) & 186(pt), Plot No. B-12, SIPCOT Industrial Growth Centre, Perundurai Village and Taluk, Erode District, Tamil Nadu under Item No. 5(f) – 'Synthetic Organic chemicals Industry (dyes & dyes intermediate; bulk drugs and intermediates excluding drug formulation; Synthetic rubbers; basic Organic Chemicals, other synthetic organic chemicals and chemical intermediates & Category 'B1' of the Schedule to the EIA Notification, 2006.
2. Based on the application made in Form-1, Prefeasibility report, Proposed TOR, Annexure, and the additional clarifications furnished by the proponent, the SEAC in its 105th meeting held on 23.03.2018 decided to issue TOR and called for the preparation of the detailed EIA report. The EIA report was submitted by the Project Proponent dated 25.07.2018.
3. In response to the application, Terms of Reference (ToR) was issued vide Lr No. SEIAA-TN /F.6506/SEAC-CV/5(f)/ToR-308/2017 dt: 02.04.2018. Public hearing was exempted as per section 7(i), (iii) stage (3), Para (i)(b) of EIA Notification, 2006, and request to submit the EIA/EMP report to the SEIAA for grant of Environment Clearance
4. The proposal was considered as per the EIA Notification, 2006 by the Based on the ToR issued by the SEIAA-TN, the proponent prepared the EIA report and submitted the same to SEIAA on 25.07.2018. State Level Expert Appraisal Committee, Tamil Nadu in its 118th SEAC meeting held on 02.08.2018 and decided to recommend the project for issue prior environment clearance by SEIAA, and SEIAA after careful consideration decided to issue Environmental Clearance in its 334th meeting held on 30.11.2018 subject to terms and conditions stipulated under the provisions of Environment Impact Assessment




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Notification, 2006 as amended based on the Information submitted by proponent which are extracted below:-

| | | | |
|----|--|---|-------------|
| 1 | (i) Name of the Project: (ii) Date of Application: | M/s. Aypols Polymers Private Limited. 06.03.2018 | |
| 2 | Name of Sector: Schedule No(in the EIA Notification,2006) | 5(f) Synthetic Organic Chemicals Industry | |
| 3. | New Project/ Expansion | Expansion | |
| 4 | Name of the Applicant/Project Proponent | Mr. D. Krishna Kumar, The Managing Director. | |
| 5 | (i) Project Location | Plot No. B-12, S.F. No. 185(pt) & 186(pt), SIPCOT Industrial Area, Perundurai Village & Taluk, Erode District - 638052. | |
| | (ii) Co-ordinates | 11°14'46.6"N, 77°32'58.4"E | |
| | (iii) Whether any GO attracted | No. | |
| 6 | (i)Area of the Site (in Sq.m) | 10,118 Sqm (2.5 Acres) | |
| 7 | (ii)Land use area (in Sq.m) | Total Land Area | 10,118 Sq.m |
| | | Process Plant Area | 2,635 Sq.m |
| | | Roads and Pavements | 3,485 Sq.m |
| | | Scrap yard | 130 Sq.m |
| | | Utilities (ETP, DG sets, Chimney, water storage sumps) | 445 Sq.m |
| | | Green belt Area | 3,339 Sq.m |



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| | | Surface Parking | 84 Sq.m | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|-------------------------------|-------|-------------|----------------|--|--|---------|----------|-------------------------------|----|---|-----------|---|----|---|---|-----------|--|-------|------------------|------------------|
| 8 | Land use Classification as per Record | Industrial area – SIPCOT Industrial Growth Centre, Perundurai | | | | | | | | | | | | | | | | | | | | | |
| 9 | TOR given by SEAC? (If yes then specify the meeting) | Yes, 105 th SEAC Meeting held on 22.03.2018 Lr.No.SEIAA-TN/F.6506/SEAC-CV/5(f)/ToR-308/2017 dated: 02.04.2018 | | | | | | | | | | | | | | | | | | | | | |
| 10 | Project Cost (after expansion) | Rs. 4.75 Crores | | | | | | | | | | | | | | | | | | | | | |
| 11 | Distance from Protected areas Areas/Critically Polluted areas/Eco-Sensitive areas/Inter-State Boundaries. | Nil | | | | | | | | | | | | | | | | | | | | | |
| 12 | Production Details | <table border="1"> <thead> <tr> <th>S.No.</th><th>Description</th><th colspan="2">Quantity/month</th></tr> <tr> <th></th><th>Product</th><th>Existing</th><th>Proposed (after Expansion)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>All kinds of unsaturated and saturated Polyester Resins by Blending</td><td>1,000 TPM</td><td>-</td></tr> <tr> <td>2.</td><td>All kinds of unsaturated and saturated Polyester Resins by Chemical process / reactors and blending</td><td>-</td><td>3,000 TPM</td></tr> <tr> <td></td><td>Total</td><td>1,000 T/month</td><td>3,000 T/Month</td></tr> </tbody> </table> | | S.No. | Description | Quantity/month | | | Product | Existing | Proposed (after Expansion) | 1. | All kinds of unsaturated and saturated Polyester Resins by Blending | 1,000 TPM | - | 2. | All kinds of unsaturated and saturated Polyester Resins by Chemical process / reactors and blending | - | 3,000 TPM | | Total | 1,000 T/month | 3,000 T/Month |
| S.No. | Description | Quantity/month | | | | | | | | | | | | | | | | | | | | | |
| | Product | Existing | Proposed (after Expansion) | | | | | | | | | | | | | | | | | | | | |
| 1. | All kinds of unsaturated and saturated Polyester Resins by Blending | 1,000 TPM | - | | | | | | | | | | | | | | | | | | | | |
| 2. | All kinds of unsaturated and saturated Polyester Resins by Chemical process / reactors and blending | - | 3,000 TPM | | | | | | | | | | | | | | | | | | | | |
| | Total | 1,000 T/month | 3,000 T/Month | | | | | | | | | | | | | | | | | | | | |



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| | | | |
|----|--|--|----------------|
| 13 | Manufacturing Process | <p>For production of All kinds of unsaturated and saturated Polyester Resins by Chemical process / reactors and blending -PET Melter – Reactor (Effluent to ETP) - Blender - Packing.</p> <ul style="list-style-type: none"> Glycols and organic anhydrides are charged in the reactor and heated with agitation. When the temperature reaches 160°C., acids react with the glycols to form the polyester of higher molecular weight. The mixer is heated continuously and the temperature is raised slowly upto 225°C. The acid value is continuously monitored. After getting required molecular weight of polyester resins, the reaction completes, heating stopped and mixer is cooled. When it is blended with styrene in the blender at 45°C to get the polyester resin. It is cooled, tested and packed. | |
| 14 | Man-power Requirement (after expansion) | 18 Nos. | |
| 15 | Total Water Requirement – 18.5 KLD (after expansion) | Source of Water Supply SIPCOT, Perundurai | |
| | | Water Requirement | Quantity (KLD) |
| | | I. Domestic (Fresh Water) | 0.8 KLD |
| | | II. Cooling Tower & Chiller Plant (Fresh Water) | 6 KLD |
| | | III. Gardening (Fresh Water) | 2.7 KLD |
| | | IV. Gardening (Recycled Water) | 9 KLD |
| 16 | Sewage generation and treatment | Sewage Generation – 0.75 KLD, | |



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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|----------------------------|--|--|-------------------------------|-------------------------|------------------------------------|--|----------------------|----------|----------------------------|---|----------------------|-----------|-------------------|--|-------------------|-------------------------------|-------------------|-------------|-------------------------|--|---------------------------------------|--|
| | | Treated and disposed in Septic Tank (6.0m X 3.0M X 6.0m) with Soak pit (2.0m Dia X 1.5m Depth) | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Effluent generation and treatment Details -10 KLD | Effluent generation -10KLD | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table><tr><td colspan="2">Name of the Components of ETP</td></tr><tr><td colspan="2">ETP (Evaporator - 10 KLD Capacity)</td></tr><tr><td colspan="2">Feed liquid Tank-5KL</td></tr><tr><td colspan="2">Heat Exchanger 1</td></tr><tr><td colspan="2">Heat Exchanger 2</td></tr><tr><td colspan="2">Vapor Separator 1</td></tr><tr><td colspan="2">Vapor Separator 2</td></tr><tr><td colspan="2">Storage Tank -9KL</td></tr><tr><td colspan="2">Burner with hot chamber</td></tr><tr><td colspan="2">Concentrated liquid storage tank -5KL</td></tr></table> | | | | Name of the Components of ETP | | ETP (Evaporator - 10 KLD Capacity) | | Feed liquid Tank-5KL | | Heat Exchanger 1 | | Heat Exchanger 2 | | Vapor Separator 1 | | Vapor Separator 2 | | Storage Tank -9KL | | Burner with hot chamber | | Concentrated liquid storage tank -5KL | |
| Name of the Components of ETP | | | | | | | | | | | | | | | | | | | | | | | | | |
| ETP (Evaporator - 10 KLD Capacity) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feed liquid Tank-5KL | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heat Exchanger 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heat Exchanger 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vapor Separator 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vapor Separator 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage Tank -9KL | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burner with hot chamber | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concentrated liquid storage tank -5KL | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17A | Reuse of treated effluent | 9 KLD of recycled water will be reused in gardening. 1KLD Glycol recovered will be used in the process | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Solid waste Management | <table><tr><td rowspan="2">S. No</td><td rowspan="2">Name of the Solid Waste</td><td colspan="2">Quantity (MT/Y)</td><td rowspan="2">Disposal method</td></tr><tr><td>Existing</td><td>Proposed (After Expansion)</td></tr><tr><td>1</td><td>Domestic solid waste</td><td>35 Kg/day</td><td>45 Kg/day</td><td>Handed over to local waste collection system</td></tr><tr><td>2</td><td>Used / Spent Oil from DG sets</td><td>200 L/Annum</td><td>200 L/Annum</td><td>Stored and Disposal to</td></tr></table> | | | | S. No | Name of the Solid Waste | Quantity (MT/Y) | | Disposal method | Existing | Proposed (After Expansion) | 1 | Domestic solid waste | 35 Kg/day | 45 Kg/day | Handed over to local waste collection system | 2 | Used / Spent Oil from DG sets | 200 L/Annum | 200 L/Annum | Stored and Disposal to | | | |
| S. No | Name of the Solid Waste | Quantity (MT/Y) | | Disposal method | | | | | | | | | | | | | | | | | | | | | |
| | | Existing | Proposed (After Expansion) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Domestic solid waste | 35 Kg/day | 45 Kg/day | Handed over to local waste collection system | | | | | | | | | | | | | | | | | | | | | |
| 2 | Used / Spent Oil from DG sets | 200 L/Annum | 200 L/Annum | Stored and Disposal to | | | | | | | | | | | | | | | | | | | | | |



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| | | | | | | | |
|----|---|--------------------|---|------------------------------|------------------|--------|---|
| | | | | | | | Authorized Recyclers |
| | | 3 | Non-hazardous waste (Paper Cover from Packing material) | 5 Kg/day | 15 Kg/day | | Sent back to seller / recyclers |
| | | 4 | Hazardous waste (Raw materials packing materials, Discarded Containers/Barrels) | - | 10 Kg/day | | Stored and Disposal through seller / authorized recyclers |
| 19 | Stack emission Details: (All the stacks attached to process units, Boilers, captive power plant, D.G. Sets, (kg/hr) | S. No | Source of Emission | Control Measures | Top dimensions | Height | Material of Construction |
| | | 1 | Thermic Fluid Heater 25L KCAL/HR | Chimney | 0.45 | 30 | Mild Steel |
| | | 2 | DG set 250 KVA Capacity | Stack | 0.2 | 6 | Mild Steel |
| 20 | Details of Fuel to be used: | S. No | Point of usage of fuel | Quantity of Fuel consumption | Name of the Fuel | | |
| | | 1. | Thermic Fluid Heater 25L KCAL/HR | 8.0 TPD | Coal | | |
| | | 2. | DG Sets | 2.0 KL/day | Diesel | | |
| 21 | Power Requirement | TNEB | | 500 KVA | | | |
| | | DG set (Back-up)- | | 250 KVA- 2 nos. | | | |



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| 22 | Storm Water Management | Storm water to be disposed through to SIPCOT storm water line. | | | | | | |
|-------------|--|---|-------------|--|-----------------------|-----|-----------|----------|
| 23 | Rain Water Harvesting | A collection sump of 25 Cu.m. for storage of the rainwater collected from roof of shed and buildings. 14 nos. of recharge pits for recharge of surface runoff. | | | | | | |
| 24 | Green Belt Development | Greenbelt will be developed inside the unit premises covering a total area of about 3,339 Sq.m. | | | | | | |
| 25 | CSR details | An amount equivalent to 2 % of the profit is earmarked as capital cost towards CSR Activity. CSR plan includes providing infrastructure such as buildings, water supply, toilets, sports facilities for govt. schools in the nearby locality. | | | | | | |
| 26 | Environment Management plan Budgetary Allocation(after expansion) | <table border="1"> <thead> <tr> <th>Description</th><th>Annual Operating cost in Lakhs per annum</th><th>Capital Cost in Lakhs</th></tr> </thead> <tbody> <tr> <td>EMP</td><td>Rs. 11.32</td><td>Rs. 44.6</td></tr> </tbody> </table> | Description | Annual Operating cost in Lakhs per annum | Capital Cost in Lakhs | EMP | Rs. 11.32 | Rs. 44.6 |
| Description | Annual Operating cost in Lakhs per annum | Capital Cost in Lakhs | | | | | | |
| EMP | Rs. 11.32 | Rs. 44.6 | | | | | | |

The Proponent has furnished affidavit in Fifty Rupees stamp paper attested by the Notary stating that

1. We commit to the SEIAA that there is no critically polluted area as listed by CPCB from time to time, within 10km radius of site.
2. There are no eco sensitive zones, wildlife protected area, interstate boundary within 5km/10km radius of site.
3. No interstate boundary is reported to be located within 5 Km from the project site.
4. No forest land is involved.
5. We are aware that we can be prosecuted under relevant Act and Rules, if we are not ensuring the adherence of the above commitment.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:



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(A) SPECIFIC CONDITIONS:

1. It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.
2. "Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project construction activity at the site.
3. The implementation of Environmental Management Plan in regard to treatment and disposal of sewage & Effluent, Solid waste Management, Hazardous - Waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases.
4. The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection.
5. Adequate dust extraction system such as Ducting with dust extracting arrangement wherever required shall be established to achieve Occupational -health standards and ambient air quality standards.
6. The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of raw materials and products inside the unit premises.
7. Nature of chemicals Handled, the Do and Don'ts shall be displayed at all vital locations as laided down in MSDS.
8. The proponent shall ensure that the quantity of Hazardous Waste handed over to the TSDF shall match with the quantity generated.
9. The proponent shall provide a separate closed area earmarked for storing solid waste including Hazardous Waste as proposed.
10. The proponent shall dispose Hazardous Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G





- sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers.
11. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016.
 12. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per e waste (Management & Handling), Rules 2016 as amended.
 13. The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.
 14. The industry shall conduct air sampling at least once in six months for the general core parameters (PM_{10} , $PM_{2.5}$, SO_x , NO_x) through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection.
 15. Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.
 16. A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.
 17. The Green belt area already developed within the project area shall be properly maintained at any time the Green belt area should not be less than 33%.
 18. The industry shall promote tree plantation to neutralize their carbon foot print. The industry shall engage regularly in afforestation programme.
 19. The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage.
 20. The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under Environment Protection Act 1986.





21. Risk cum disaster management plan should be in placed in the industry premises at all time.
22. Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water.
23. The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.
24. The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Honb'le High Court of Madras.
25. The proponent shall comply the CER activity as per the MoEF & CC O.M dated 01.05.2018 before applying for CTO of TNPCB.
26. All the assurances given in EIA and EMP shall be adhered to strictly.
27. Detail study shall be carried out by engaging accredited agencies / reputed institutions for Risk management and detailed Disaster management plan prepared for compliance.
28. Sufficient funds should be provided for Disaster management.
29. The project proponent shall provide sufficient ventilation (air circulation) in the hazardous waste storage yard where the hazardous waste like spent carbon, Chemical sludge, used or spent oil are being kept.
30. The Project Proponent shall carry out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting.
31. The Project Proponent shall prepare a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned experts.





32. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
33. The proponent shall operate the APC measures efficient and continuously so as to achieve the standards prescribe the CPCB.
34. The proponent shall operate the ETP efficient and continuously. The treated effluent of 9KLD shall be utilized for gardening after achieve the quality of treated effluent standards prescribe the CPCB.
35. The EMP cost of Rs.55.92 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
36. There should be no threat to Bio diversity due to the operation of the industry.
37. The flora & fauna present in and around the project site should be get affected due to the activity as reported.
38. The Project Proponent has to provide rain water harvesting collection tank to the capacity of 25cu.m in order to recover and reuse the rain water during normal rains.
39. For rain water harvesting, the roof top rainwater should be harvested and stored in a sump for reuse after proper treatment. The design should be made as per the CPWD manual. The runoff from the paved surfaces within the industry buildings should be carefully collected and sent to ETP
40. The operation of the activity should not impact on the soil, micro flora & Fauna present in and around the project site.
41. The project proponent shall carry out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones should be prepared.



[Signature]
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42. Green belt for 33% of the plot area should be developed and maintained with indigenous species of trees listed below:

| | |
|--------------------|-------------|
| Pongamia glabra | Pungan |
| Thespesia populnea | Poovarasu |
| Ficus religiosa | Arasu |
| Azadirachta indica | Vembu |
| Terminalia arjuna | Neermarudhu |
| Michelia champaka | Chenbagam |
| Syzygium cumini | Naval |
| Madhuca longifolia | Ilippai |
| Mimusops elengi | Magilam |

43. For CER, 2% of the profit should be utilised every year for infrastructure such as buildings, water supply, toilets, sports facilities, for govt. Schools in the nearby locality.
44. The project proponent shall take up better housekeeping measures including scraps disposal and up keeping the machineries, pipes, etc.
45. The project proponent has to strictly comply with the commitment made in the EIA report.
46. The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
47. The project proponent has to install VOC monitoring sensor in the processing area and bi-annual report of VOC monitoring shall be submitted to TNPCCB.

(B) GENERAL CONDITIONS:-

1. This Environmental Clearance shall not be cited to relax any other rules applicable to this project.




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2. The Project Proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environmental Clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB.
3. A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions/representatives, if any were received while processing the proposal.
4. The Environmental Clearance shall also be put on the website of the company.
5. No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
6. All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.
7. The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF& CC at Chennai, TNPCB and CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly.
8. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF&CC,GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO₂ and NO_x outside the premises at the appropriate place for the general public.
9. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
10. Proper house-keeping and cleanliness must be maintained within and outside the plant.




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11. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.
12. The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).
13. A separate Environmental Management Cell equipped with full fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.
14. The CSR funds 2% of the profit should be utilised every year for infrastructure such as buildings, water supply, toilets, sports facilities, for govt. Schools in the nearby locality.
15. The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes.
16. The project proponent shall upload the status of compliance of the stipulated environmental clearance 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 the MOEF&CC,GOI at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be





monitored and displayed at a convenient location near the main gate of the company in the public domain.

17. 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 environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.
18. Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.
19. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
20. The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai.
21. The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.
22. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
23. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
24. The SEIAA-TN reserves the right to stipulate additional conditions if found necessary.



MEMBER SECRETARY
SEIAA-TN

[Signature]
30/11/18



Lr. No.SEIAA-TN/F.No. 6506/EC/5(f)/65/2018 dated: 30.11.2018

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The industry in a time bound manner shall implement these conditions.

25. The above conditions will 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, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.
26. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


MEMBER SECRETARY
SEIAA-TN

Copy to:-

1. The Principal Secretary to Government, Environment & Forests Department,
Govt. of Tamil Nadu, Fort St. George, Chennai – 600 009.
2. The Chairman,
Central Pollution Control Board, Parivesh Bhavan,
CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary,
Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.
4. The ACCF(C), Regional Office of MoEF,
34, hepc Building, I & 2 nd Floors,
Cathedral Garden Road, Nungampakkam,
Chennai - 600 034.





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5. Monitoring Cell, I A Division, Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. The District Collector, Erode District.
7. Stock File.



**SEIAA
TN**

