To,
The GM
MS. SUN PHARMACEUTICAL INDUSTRIES LIMITED
Sun Pharmaceutical Industries Ltd  Sathammal Village,Karunkhuzhi Post madhuranthagam Taluk,Kanchipuram,Tamil Nadu-603303

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/TN/IND3/248368/2021 dated 08 Feb 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No. EC22A058TN111003
2. File No. IA-J-11011/544/2021-IA-II(I)
3. Project Type New
4. Category A
5. Project/Activity including Schedule No. 5(f)-API
6. Name of Project “Proposed expansion of Active Pharmaceutical Ingredients (APIs) Bulk Drug manufacturing within the Existing Plant” of M/s. Sun Pharmaceutical Industries Ltd. Village Sathammal, Taluk Madurantakam, District Chengalpattu (Formerly Kancheepuram), Tamil Nadu
7. Name of Company/Organization MS. SUN PHARMACEUTICAL INDUSTRIES LIMITED
8. Location of Project Tamil Nadu
9. TOR Date N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 31/03/2022
(e-signed)
Dr. R.B. Lal
Scientist E
IA - (Industrial Projects - 3 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.
To,

M/s Sun Pharmaceutical Industries Ltd.,
Village Sathammai, Taluka Madurantakam,
District Chengalpattu (Formerly Kancheepuram),
Tamil Nadu

Email: joy.ma@sunpharma.com

Project: Expansion of Active Pharmaceutical Ingredients (APIs) manufacturing unit with production capacity from 25.5 TPM to 134.082 TPM within the Existing Plant located at Sy. No. 90/2, 90/3, 90/4, 99/1, 99/2, 99/3, 99/4, 99/5, 100/1, 100/2a, 100/2b, 100/3, Village Sathammai, Taluka Madurantakam, District Chengalpattu (Formerly Kancheepuram), Tamil Nadu by M/s Sun Pharmaceutical Industries Ltd. - Environmental Clearance regarding.

Sir,

This has reference to your proposal No. IA/TN/IND3/248368/2021 dated 30th December 2021 and further EDS reply dated 8th February, 2022 and submitting the PFR & EMP report and further information vide letter dated 8th March, 2022 on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for Environmental Clearance to the project for Expansion of Active Pharmaceutical Ingredients (APIs) manufacturing unit with production capacity from 25.5 TPM to 134.082 TPM within the Existing Plant, located at Sy. No. 90/2, 90/3, 90/4, 99/1, 99/2, 99/3, 99/4, 99/5, 100/1, 100/2a, 100/2b, 100/3, Village Sathammai, Taluka Madurantakam, District Chengalpattu (Formerly Kancheepuram), Tamil Nadu by M/s Sun Pharmaceutical Industries Ltd.

3. The details of products and capacity are as under:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Product Details (complete name)</th>
<th>CAS No.</th>
<th>Existing Quantity</th>
<th>Proposed Quantity</th>
<th>Total Quantity</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Sodium Valproate</td>
<td>1069-66-5</td>
<td>8</td>
<td>27</td>
<td>35</td>
<td>Anticonvulsant</td>
</tr>
<tr>
<td>2.</td>
<td>Oxetacaine</td>
<td>126-27-2</td>
<td>1</td>
<td>2.4</td>
<td>3.4</td>
<td>Oral Anaesthetic</td>
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<td>3.</td>
<td>Clomipramine</td>
<td>303-49-1</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>Antidepressant</td>
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<td>4.</td>
<td>Metadoxine</td>
<td>74536-44-0</td>
<td>0.4</td>
<td>0.6</td>
<td>1</td>
<td>Non-alcoholic Steatohepatitis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>5.</td>
<td>Flurbiprofen</td>
<td>5104-49-4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Nonsteroidal anti-inflammatory agent</td>
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<tr>
<td>6.</td>
<td>Analgin Magnesium</td>
<td>63372-86-1</td>
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<td>0</td>
<td>0</td>
<td>Analgesic</td>
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<tr>
<td>7.</td>
<td>Carbamazapine</td>
<td>298-46-4</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>Anticonvulsa nt</td>
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<tr>
<td>8.</td>
<td>Metoprolol Tartrate</td>
<td>56392-17-7</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>Beta blockers</td>
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<tr>
<td>9.</td>
<td>Tramodol Hydrochloride</td>
<td>36282-47-0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>opioid analgesics</td>
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<tr>
<td>10</td>
<td>Danazol</td>
<td>17230-88-5</td>
<td>0.1</td>
<td>0</td>
<td>0</td>
<td>androgenic hormones</td>
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<tr>
<td>11</td>
<td>Magnesium Valproate</td>
<td>62959-43-7</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>Anticonvulsa nt</td>
</tr>
<tr>
<td>12</td>
<td>Divalproex Sodium</td>
<td>76584-70-8</td>
<td>0</td>
<td>15</td>
<td>15</td>
<td>Anticonvulsa nt</td>
</tr>
<tr>
<td>13</td>
<td>Mephentetermine sulphate</td>
<td>1212-72-2</td>
<td>0</td>
<td>0.75</td>
<td>0.75</td>
<td>Antihypotenti ve</td>
</tr>
<tr>
<td>14</td>
<td>Elagolix sodium</td>
<td>832720-36-2</td>
<td>0</td>
<td>0.02</td>
<td>0.02</td>
<td>Gynaecology (Menstruation disorders)</td>
</tr>
<tr>
<td>15</td>
<td>Valproic acid</td>
<td>1069-66-5</td>
<td>0</td>
<td>43</td>
<td>43</td>
<td>Anticonvulsa nt</td>
</tr>
<tr>
<td>16</td>
<td>Ranolazine</td>
<td>95635-55-5</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>Antianginal</td>
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<tr>
<td>17</td>
<td>Amisulpride</td>
<td>71675-85-9</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>Dopamine receptor antagonist; neuroleptic.</td>
</tr>
<tr>
<td>18</td>
<td>Hydroxychloroquine</td>
<td>747-36-4</td>
<td>0</td>
<td>0.55</td>
<td>0.55</td>
<td>Rheumatoid arthritis</td>
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<tr>
<td>19</td>
<td>Carboplatin</td>
<td>41575-94-4</td>
<td>0</td>
<td>0.072</td>
<td>0.072</td>
<td>Various types of cancers.</td>
</tr>
<tr>
<td>20</td>
<td>Orlistat</td>
<td>96829-58-2</td>
<td>0</td>
<td>2.4</td>
<td>2.4</td>
<td>Therapy of weight loss.</td>
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<tr>
<td>21</td>
<td>Isotretinoin</td>
<td>4759-48-2</td>
<td>0</td>
<td>0.18</td>
<td>0.18</td>
<td>Treat severe recalcitrant nodular acne.</td>
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<tr>
<td>22</td>
<td>Lumacaftor</td>
<td>936727-05-8</td>
<td>0</td>
<td>0.05</td>
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<td>Treat cystic fibrosis</td>
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<tr>
<td>23</td>
<td>Pregabalin</td>
<td>148553-50-8</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>Analgesic in treatment of peripheral neuropathic pain, Anticonvulsa nt, Anxiolytic</td>
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<tr>
<td>24</td>
<td>Dexamethyl Phenidate</td>
<td>19262-68-1</td>
<td>0</td>
<td>0.1</td>
<td>0.1</td>
<td>deficit hyperactivity disorder</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<tr>
<td>25</td>
<td>Tizanidine</td>
<td>64461-82-1</td>
<td>0</td>
<td>0.25</td>
<td>0.25</td>
<td>skeletal muscle relaxants</td>
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<tr>
<td>26</td>
<td>Lenalidomide</td>
<td>191732-72-6</td>
<td>0</td>
<td>0.025</td>
<td>0.025</td>
<td>treat various types of cancers</td>
</tr>
<tr>
<td>27</td>
<td>Liraglutide</td>
<td>204656-20-2</td>
<td>0</td>
<td>0.25</td>
<td>0.25</td>
<td>control blood sugar levels</td>
</tr>
<tr>
<td>28</td>
<td>Methylphenidate HCL</td>
<td>298-59-9</td>
<td>0</td>
<td>0.475</td>
<td>0.475</td>
<td>attention deficit hyperactivity disorder - ADHD</td>
</tr>
<tr>
<td>29</td>
<td>Lurasidone</td>
<td>367514-87-2</td>
<td>0</td>
<td>0.5</td>
<td>0.5</td>
<td>treat the symptoms of schizophrenia</td>
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<tr>
<td>30</td>
<td>Imatinib</td>
<td>220127-57-1</td>
<td>0</td>
<td>1.9</td>
<td>1.9</td>
<td>treat certain types of leukemia</td>
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<tr>
<td>31</td>
<td>Sunitib</td>
<td>341031-54-7</td>
<td>0</td>
<td>0.04</td>
<td>0.04</td>
<td>Antineoplastics</td>
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<td>32</td>
<td>Leuprolide</td>
<td>74381-53-6</td>
<td>0</td>
<td>0.1</td>
<td>0.1</td>
<td>Treatment of prostate cancer, endometriosis, uterine fibroids</td>
</tr>
<tr>
<td>33</td>
<td>Semaglutide</td>
<td>910463-68-2</td>
<td>0</td>
<td>0.02</td>
<td>0.02</td>
<td>control blood sugar levels</td>
</tr>
<tr>
<td>34</td>
<td>Total</td>
<td></td>
<td>25.5</td>
<td>123.68</td>
<td>134.82</td>
<td></td>
</tr>
</tbody>
</table>

4. The Project proponent reported that the land area is 64688.76 sq.m. The expansion is proposed within the existing land. The industry has already developed 21992.00 sq.m. (33.99%) green area and an additional 2500 more trees will be developed in area of 4006.00 sq.m. near project site. So overall greenbelt proposed after expansion will be 40.19%. The estimated project cost is Rs. 202.36 Crores including an existing investment of Rs. 174.36 Crores. Total capital cost earmarked towards environmental pollution control measures for proposed expansion is Rs.149.5 Lakhs and the Recurring cost (operation and maintenance) will be about Rs. 59.97 lakhs per annum. Total Employment will be of 654 persons. Industry proposes to allocate Rs. 33 Lakhs of the proposed cost towards CER.

5. The PP reported that the unit is located at 3.72 km (West) from the Vedanthangal Bird Sanctuary. Wildlife Corridors etc. within 10 km distance from the project site. Project proponent has applied the NBWL clearance vide proposal no. FP/TN/IND/5079/2020 which is under consideration by Wildlife Division. There are no other National Park, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. The Kiliyar River is flowing at a distance of 2.03 km in SSW direction. Palar River is flowing at a distance of 7.52 km in ENE direction.

6. The PP reported that total water requirement after expansion will be 286.5 KLD out of which fresh water will be 182 KLD. Fresh water will be sourced from private tankers. Effluent of 83 KLD will be treated through existing Effluent Treatment Plant of 60 KLD
followed by RO (40 KLD), MEE (80 KLD) and ATFD (22KLD). The plant is based on Zero 
liquid discharge system.

7. The power requirement after expansion will be 42000 kVA including existing 36000 
kVA and will be met from TANGEDCO. Existing unit has DG sets of 1x380 kVA, 1x1500 
kVA, 1x1010 kVA, 1x 500 kVA capacities, additionally DG sets are used as standby during power failure. Stack height of 7m for 380 kVA & 500 kVA and 30 m for 1010 kVA & 1500 
kVA has been provided as per CPCB norms. Existing unit has 3 TPH (2 Nos.), 6 TPH (1 No.) and 10 TPH (1 No.) coal/wood fired boilers. No additional boiler will be installed. Dust collector with a stack height of 30 m (for 6 TPH boiler) and dust collector followed by bag filter with a stack height of 36 m (for 10 TPH boiler) has been installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³.

8. The Project proponent will comply with the rules and guidelines issued under the 
Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as 
amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness 
and Response) Rules, 1996. The Onsite and Offsite Emergency plan will be implemented 
as cited in the provisions of the Rules.

9. Details of solid waste/hazardous waste disposal and process emissions generation 
and its management are as per the plan provided in the PFR & EMP report and as 
deliberated in the EAC.

10. The PP reported that this is old unit and is operating with valid CTO from SPCB 
before 2006. The unit has obtained CTO compliance from the Tamilnadu Pollution Control 
Board vide letter dated 07.03.2022. All the conditions were reported complied, however, 
some suggestion were given to the unit. The PP committed to implement the suggestion 
given by TNPCB. The EAC deliberated the compliance status and found satisfactory.

11. The Committee was informed that the Ministry has issued an Office Memorandum 
dated 28.01.2021, which inter-alia request EAC to clearly recommend the permissible 
pollution load i.e., quantity and quality, including composition of emissions, discharge and 
solid waste generation. In compliance this OM, PP has submitted the following pollution 
load information and the EAC deliberated on the issue. PP also requested that EC may 
include the name of products also otherwise PP will face difficulty in obtaining the CTE/CTO 
from concerned SPCB.

| KG Per Day |
|---|---|---|---|---|---|---|---|---|
| **EFFLUENT WATER** | **SOLID WASTE** |
| 1,82,000 | 83,000 | 617 | 475 | 514 | 528 | 36,500 | 46,500 | 83,000 | 59 | 72 | 127 | 9,143 | 927.7 | 66.36 |

| KG Per Day |
|---|---|---|---|---|---|
| **HAZARDOUS SOLID WASTE DETAILS** | **SOLID WASTE** |
| Organic solid | Inorganic solid waste | Spent Carbon | Distillation Residue |
| 59 | 72 | 127 | 9,143 |
EMISSION DETAILS

<table>
<thead>
<tr>
<th>Kg Per Day</th>
<th>Process emissions</th>
<th>Fugitive emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>927.7</td>
<td>66.36</td>
<td></td>
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</tbody>
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Kg Per Day

<table>
<thead>
<tr>
<th>CO2</th>
<th>H2</th>
<th>NH3</th>
<th>O2</th>
<th>N2</th>
<th>HBr</th>
<th>HCl</th>
<th>(CH3)2NH</th>
<th>CH3CI</th>
<th>HF</th>
<th>SO2</th>
</tr>
</thead>
<tbody>
<tr>
<td>895.7 (P) + 15 (F) = 910.7</td>
<td>0.3 (P)</td>
<td>0.3 (P)</td>
<td>14 (F)</td>
<td>16 (F)</td>
<td>0</td>
<td>12.6 (P)</td>
<td>0</td>
<td>0</td>
<td>18.6 (P) + 21.36 (F) = 39.96</td>
<td></td>
</tr>
</tbody>
</table>

12. The proposal was considered by the **Expert Appraisal Committee (Industry-3 Sector)** in its 27th meeting held during 7-8 March, 2022, wherein the project proponent and their consultant [M/s Eco Laboratories and Consultants Pvt. Ltd. having accreditation number NABET/EIA/2023/RA0211 valid till 17.12.2023] presented the PFR/EMP report.

The Committee found the PFR/EMP report and reply of PP satisfactory and recommended the project for grant of environmental clearance. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at [http://parivesh.nic.in](http://parivesh.nic.in).

The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with PFR/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the PFR/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The Committee noted that the PFR/EMP reports are in order, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

The Committee deliberated on the revised water balance data submitted by PP and found it satisfactory. The Committee also deliberated on the action plan and budget allocation for green belt development. As committed by the PP the green belt development shall be completed within one year. The Committee suggested that the greenbelt development shall be taken up actively by the PP and trees shall be planted considered 2m x 2m ratio. The Committee deliberated on mitigation of carbon emissions, biofuels and socioeconomic study submitted by PP and found satisfactory. The committee deliberated the status of court case and compliance status of CTO and found the reply of PP satisfactory and reply of PP found to be satisfactory.
The Committee deliberated the Onsite and Offsite Emergency plans and various mitigation measures to be proposed during implementation of the project and advised the PP to implement the provisions of the Rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

13. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

14. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-3), Ministry of Environment, Forest and Climate change hereby accords Environmental clearance to the project for Expansion of Active Pharmaceutical Ingredients (APIs) manufacturing unit with production capacity from 25.5 TPM to 134.082 TPM within the Existing Plant, located at Sy. No. 90/2, 90/3, 90/4, 99/1, 99/2, 99/3, 99/4, 99/5, 100/1, 100/2a, 100/2b, 100/3, Village Sathammai, Taluka Madurantakam, District Chengalpattu (Formerly Kancheepuram), Tamil Nadu by M/s Sun Pharmaceutical Industries Ltd. under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

A. Specific Conditions:

(i). This Environmental Clearance (EC) is subject to orders/ judgment of Hon’ble NGT and any other Court of Law, as may be applicable to this project.

(ii). This Environmental Clearance is subject to obtaining the NBWL clearance from the Standing Committee on Wildlife as the Unit is located at 3.72 km (West) from the Vedanthangal Bird Sanctuary.

(iii). The project proponent shall comply with the environment norms for Bulk Drugs (Pharmaceutical) Industry as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 541(E), dated 06.08.2021 under the provisions of the Environment (Protection) Rules, 1986.

(iv). The PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the PFR/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.

(v). No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.

(vi). The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
(vii). All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The Project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

(viii). The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97% with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.

(ix). The project proponent shall explore possibilities for recycling and reusing of treated water in the unit to reduce the fresh water demand and waste disposal.

(x). As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no treated/untreated wastewater shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.

(xi). Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For 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.

(xii). The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.

(xiii). The occupational health centre for surveillance of the worker’s health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(xiv). Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.

(xv). The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.

(xvi). The solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.

(xvii). Total fresh water requirement, sourced from private tankers shall not exceed 182 KLD. Prior permission in this regard shall be obtained from the concerned regulatory authority/CGWA and renewed from time to time.
(xviii). The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.

(xix). The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xx). The green belt of at least 5-10 m width shall be developed in at least 33% of the total project area, mainly along the plant periphery/ additional land. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Trees have to be planted with spacing of 2m x 2m ratio and as committed by PP shall plant 2500 number of trees in first year itself and subsequent years the green belt shall be monitored. The plant species can be selected that will give better carbon sequestration.

(xxii). The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the PFR/EMP report in letter and spirit.

A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

B. General Conditions: The grant of environmental clearance is further subject to compliance of other general conditions as under:-

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.


(iii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iv) 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. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(v) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(vi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.

(viii) The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(ix) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.

(x) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xii) This Environmental clearance is granted subject to final outcome of Hon’ble Supreme Court of India, Hon’ble High Court, Hon’ble NGT and any other Court of Law, if any, as may be applicable to this project.

15. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a
time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

16. Concealing factual data or submission of false/fabricated data and 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.

17. Any appeal against this environmental clearance 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.

18. 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.

19. This issues with approval of the competent authority.

(Dr. R. B. Lal)
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Copy to:

1. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34

2. Principal Secretary to Government, Department of Environment, Climate Change and Forests, Government of Tamil Nadu, No. 1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015

3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32

4. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032

5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001

6. The District Collector, District Chengalpattu, Tamil Nadu
7. Guard File/Monitoring File/Website/Record File/Parivesh Portal

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