CONSENT & AUTHORISATION ORDER

Consent Order No: N-428/PCB/RO–NLR/2019-139  Date: 13.05.2019

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as ‘the Acts’, `the Rules’) to:

M/s. 3SI Eco Power LLP,
Plot.No.14, Phase-I,
APIIC Industrial Park, Mambattu (V),
Tada (M), SPSR Nellore District

(hereinafter referred to as ‘the Applicant’) authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge (In KLD)</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic Effluents</td>
<td>0.4</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

ii) Emissions from chimneys:

Chimney No. | Description of Chimney | Quantity of Emissions at peak flow ((m³/hr)) |
-------------|------------------------|---------------------------------------------|
1            | Stack attached to 1x250 KVA D.G. Set | ---                                     |

iii) HAZARDOUS WASTE AUTHORISATION (FORM – 2) [See Rule 6 (2)]:

M/s. 3SI Eco Power LLP is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Hazardous Waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Used oil</td>
<td>5.1 of Schedule-I</td>
<td>100 Lts/Annum</td>
<td>Disposal to A.P.P.C.B authorized reprocessing agencies.</td>
</tr>
</tbody>
</table>
This order is subject to the provisions of 'the Acts' and the Rules' and Orders made there under and further subject to the terms and conditions incorporated in the schedule - A, B & C enclosed to this order.

<table>
<thead>
<tr>
<th>SL.No</th>
<th>Products</th>
<th>Consented Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Distribution Transformers</td>
<td>25 Nos/Month</td>
</tr>
<tr>
<td>2.</td>
<td>Power Transformers</td>
<td>8 Nos/Month</td>
</tr>
<tr>
<td>3.</td>
<td>Compact Units/Substations</td>
<td>2 Nos/Month</td>
</tr>
</tbody>
</table>

This combined order of Consent & Hazardous Waste Authorization shall be valid for a period ending with the 30th APRIL, 2020.

For and on behalf of the A.P. Pollution Control Board

Encl: Schedule – A, B & C

To
M/s. 3SI Eco Power LLP,
Plot.No.14, Phase-I,
APIIC Industrial Park,
Mambattu (V), Tada (M),
SPSR Nellore District
SCHEDULE – A

1) Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.

2) The industry should carry out analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.

3) All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.

4) The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.

5) Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.

6) The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

7) The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

8) Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21/22 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE – B

Water Pollution:

1. The source of water is Borewell. The following is the permitted water consumption:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Water Consumption</th>
<th>Quantity (in KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Domestic</td>
<td>0.5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>0.5</strong></td>
</tr>
</tbody>
</table>

2. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

<table>
<thead>
<tr>
<th>Outlet</th>
<th>Parameter</th>
<th>Limiting Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>pH</td>
<td>5.5–9.0</td>
</tr>
<tr>
<td></td>
<td>Total Suspended Solids (TSS at 103–105°C)</td>
<td>100.00 mg/l</td>
</tr>
<tr>
<td></td>
<td>Total Dissolved Solids</td>
<td>2,100.00 mg/l</td>
</tr>
<tr>
<td></td>
<td>Chemical Oxygen Demand (COD)</td>
<td>250.00 mg/l</td>
</tr>
<tr>
<td></td>
<td>Biochemical Oxygen Demand (BOD, at 27°C)</td>
<td>30.00 mg/l</td>
</tr>
</tbody>
</table>
3. The industry shall not cause ground water pollution in and around the industry premises.

4. The industry shall ensure that no odour nuisance is caused to the surrounding environment.

**AIR POLLUTION:**

5. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Parameter</th>
<th>Emission Standards (mg/Nm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Suspended Particulate Matter</td>
<td>115</td>
</tr>
</tbody>
</table>

6. The industry shall comply with ambient air quality standards of SO₂ – 80 µg/m³; NOₓ – 80 µg/m³; PM₁₀ – 60 µg/m³; PM₂.₅ – 100 µg/m³, measured at factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time: (6 AM to 10 PM) – 75 dB(A)
Night time: (10 PM to 6 AM) – 70 dB(A)

**SOLID WASTE:**

7. The industry shall comply with the Solid waste are as follows:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the waste</th>
<th>Quantity of waste</th>
<th>Disposal Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cutting waste</td>
<td>20 Kgs/month</td>
<td>Shall be reused into process.</td>
</tr>
</tbody>
</table>

8. Proper handling, storage, utilization and disposal of all the solid waste shall be ensured, if any generated due to stock load/odd events.

9. The industry shall comply with the Construction & Demolition Waste Management Rules, 2016 notified by MoEF & CC, GoI.

10. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.

11. The industry shall submit a compliance report on CFO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.

12. The industry shall develop thick green belt all along the periphery to maximum possible in the available vacant land.

**SCHEDULE – C**

[See Rule 6 (2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.

3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis/authorized parties.

4. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

5. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

To
M/s. 3SI Eco Power LLP,
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ENVIRONMENTAL ENGINEER