CONSENT ORDER FOR ESTABLISHMENT


Ref: 1. Industry's CFE application received at RO, Guntur on 05.09.2019 through OCMMS.
2. RO's inspection report received at ZO, Vijayawada on 12.09.2019.
3. CFE committee meeting held on 16.09.2019.

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I. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to produce the following products with installed capacities as mentioned below, with a project cost of Rs. 70.0 Lakhs.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Raw Materials</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Raw Paddy</td>
<td>36.0 TPD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the products and By-products</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Steamed Rice</td>
<td>24.0 TPD</td>
</tr>
<tr>
<td></td>
<td>By products</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Rice bran</td>
<td>3.0 TPD</td>
</tr>
<tr>
<td>2</td>
<td>Broken rice</td>
<td></td>
</tr>
</tbody>
</table>

II. As per the application, the above activity is to be located at Sy.No. 444-1-3, Gonuguntlavaripalem (V), Vinukonda (M), Guntur District in an area of about 4053 Sq. Mts.

III. The above site was inspected by the Assistant Environmental Engineer, Regional Office, A.P.Pollution Control Board, Guntur on 07.09.2019 and observed that the site is surrounded by

- **North**: Agricultural lands
- **South**: Agricultural lands
- **East**: Gonuguntlavaripalem – Madamanchipadu Village Road
- **West**: Agricultural lands
IV. The Board, after careful scrutiny of the application, verification report of Regional Officer, Guntur and recommendation by the CFE Committee meeting held on 16.09.2019 at APPCB, Zonal Office, Vijayawada hereby issues CONSENT FOR ESTABLISHMENT to your industry Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to carry out the activity mentioned at para (1) only.

V. This Consent order issued is subject to the conditions mentioned in the Annexure.

VI. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

VII. This order is valid for period of 7 years from the date of issue.

Encl: Schedule ‘A’ & Schedule ‘B’

N V Bhaskara Rao

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JOINT CHIEF ENVIRONMENTAL ENGINEER

To

M/s. Srinidhi Rice Industries,
C/o. Sri. G. Veeranagewara Rao,
D.No. 5-113, Pedakancharla (RV),
Vinukonda (M),
Guntur District – 522649.
E.mail: ganaparthiveeranageswararao@gmail.com

Copy to the EE, RO, Guntur for information.
**SCHEDULE – A**

1. Progress on implementation of the project shall be reported to the concerned Regional Office, A.P. Pollution Control Board once in six months.

2. Separate energy meters shall be provided for Air Pollution Control equipments to record energy consumed.


4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power under Sec.27 (2) of Water (Prevention & Control of Pollution) Act, 1974 and under Sec.21 (4) of Air (Prevention & Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.

5. The Consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspection officers of different departments.

6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.


8. If the industry is aggrieved by this order made by A.P. Pollution Control Board under Sec. 25 of Water (Prevention & Control of Pollution) Act’ 1974 and Sec. 21 of Air (Prevention & Control of Pollution) Act’ 1981 he may within 30 days from the date on receipt of the order prefer an appeal to concern authority.

**SCHEDULE - B**

**Water :**

1. The source of water is Ground water by borewell and the maximum permitted water consumption is as follows:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Purpose</th>
<th>Water Consumption (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Process &amp; boiler feed</td>
<td>6.0</td>
</tr>
<tr>
<td>b)</td>
<td>Domestic</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>6.2</strong></td>
</tr>
</tbody>
</table>

2. The maximum Waste Water Generation (KLD) shall not exceed the following:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Source</th>
<th>Wastewater Generation (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Boiler blow down</td>
<td>1.0</td>
</tr>
<tr>
<td>b)</td>
<td>Domestic</td>
<td>0.1</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>1.1</strong></td>
</tr>
<tr>
<td>Effluent Source</td>
<td>Standards to be complied</td>
<td>Mode of final disposal</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Trade Effluents</td>
<td>pH – 5.5-9.0, Total Suspended Solids (TSS) – 200.00 mg/l, Biochemical Oxygen Demand (BOD) – 100.00 mg/l, Oil and Grease (O&amp;G) – 10.00 mg/l.</td>
<td>After treatment in the ETP, the wastewater shall be utilized on land for irrigation within the premises duly meeting the Board’s standards.</td>
</tr>
<tr>
<td>Domestic Effluents</td>
<td>----</td>
<td>Septic tank followed by soak pit.</td>
</tr>
</tbody>
</table>

3. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
   a) Domestic purposes.
   b) Processing, whereby water gets polluted and pollutants are easily biodegradable.
   c) Processing, whereby water gets polluted and the pollutants are not easily biodegradable.

4. The industry shall provide digital flow meter with totaliser facility for measuring the water consumption and maintain log registers.

5. The industry shall not discharge any wastewater outside the industry premises under any circumstances.

Air:

6. The industry shall comply with the following for controlling air pollution.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Source</th>
<th>Capacity</th>
<th>Control Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Husk Fired Boiler</td>
<td>1.5 Ton/ Hour</td>
<td>Mechanical Dust Collectors so as to meet SPM – 115 mg/Nm³. Stack height – 30 Mt.</td>
</tr>
<tr>
<td>2</td>
<td>D.G Set</td>
<td>62.5 KVA</td>
<td>Acoustic enclosure. The proponent shall provide a minimum stack height (H) to the DG sets as per the following formula: [ H = h + 0.2 \sqrt{KVA} ] KVA = Total generation capacity, h = Height of building where D.G.Set is installed in meters.</td>
</tr>
</tbody>
</table>

7. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

8. The industry shall not exceed the following Ambient Air Quality standards measured outside the factory premises at periphery of industry:

   \[
   \begin{align*}
   \text{SO}_2 & = 80 \mu g/m^3, \\
   \text{NO}_x & = 80 \mu g/m^3, \\
   \text{PM}_{2.5} & = 60 \mu g/m^3, \\
   \text{PM}_{10} & = 100 \mu g/m^3,
   \end{align*}
   \]

   Noise levels: Day time (6 AM to 10 PM) - 75 dB(A)
   Night time (10 PM to 6 AM) - 70 dB(A).

9. The Air Pollution control equipment shall be installed along with the commissioning of the plant.
10. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

11. The industry shall provide dedicated energy meters to mechanical dust collector and maintain log registers.

**Solid Waste:**

12. The industry shall comply with the following:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Solid Waste generation</th>
<th>Proposed quantity</th>
<th>Hazardous / as defined under HWM Rules, 2016</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Paddy Dust</td>
<td>100 Kg/Month</td>
<td>Non Hazardous</td>
<td>Shall be used as manure</td>
</tr>
<tr>
<td>2</td>
<td>Boiler Ash</td>
<td>150 Kg /Day</td>
<td>Non Hazardous</td>
<td>Shall be sold out for brick units.</td>
</tr>
<tr>
<td>3</td>
<td>Waste oil from DG set and industrial operations</td>
<td>100 LPA</td>
<td>Hazardous</td>
<td>Shall be disposed to authorized recyclers.</td>
</tr>
</tbody>
</table>

13. The following rules and regulations notified by the MOE&F, GOI shall be implemented.

14. The industry shall not dispose any solid waste outside the factory premises under any circumstances.

15. The industry shall provide the adequate closed shed for storage of boiler ash and paddy husk to control air pollution to the surroundings.

**Special Conditions:**

16. The industry shall maintain set back distance of 20 Mts from the process shed to edge of the Gonuguntlavari Palem to Madamanchipadu Road.

17. The industry shall not produce Paraboiled rice and shall carry only Steam Rice, rice Bran & broken rice at any point of time.

18. The industry shall not exceed the capacity of the product specified in this Order.

19. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

20. The industry should have adequate space for providing husk room and ash storage room.

21. As per the provisions of Fly ash Notification No.S.O.2804 (E), dt.03.11.2009 and amendments thereof, every construction agency engaged in the construction of building within a radius of 300 km from a coal or lignite based thermal power plant shall use only fly ash based products for construction, such as cement or concrete, fly
ash bricks or tiles or clay fly ash bricks, blocks or tiles or cement fly ash bricks or bricks or blocks or similar products or a combination or aggregate of them in every construction project

22. The industry shall develop green belt in all the vacant places. Greenbelt development shall be started along with the construction activity. In case the green belt is not possible in the surroundings, compensatory green belt can be developed in 33% of total area.

23. The industry shall not cause any air pollution / water pollution / noise pollution / odour nuisance to the surrounding environment.

24. The industry shall comply with all the directions issued by the Board from time to time.

25. The industry shall not operate the unit without obtaining CFO Order from the Board.

26. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attracts the legal action under the provisions of relevant pollution control Acts.

27. The Order is issued without prejudice to the rights and contentions of this Board in any court of law.

28. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of Environment Protection.

N V Bhaskara Rao

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