CONSENT ORDER FOR ESTABLISHMENT FOR EXPANSION


2. Industry's earlier clarification letter dt. 08.06.2018.
3. Industry's CFE (Expansion) application received at RO, Guntur on 31.07.2019 through OCMMS.
4. RO’s inspection report received at ZO, Vijayawada on 07.08.2019.
5. CFE Committee meeting held on 21.08.2019.
6. Industry’s e-mail dt. 24.08.2019 requesting amendment of water consumption details in CFE & CFO orders.

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I. In the references 3rd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) (Expansion) to produce the following products with installed capacities as mentioned below, with a project cost of Rs. 1.48 Crores.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Raw Materials</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Existing</td>
</tr>
<tr>
<td>1</td>
<td>Cotton Yarn</td>
<td>1824.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tonnes/Annum</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></td>
<td></td>
<td>Existing</td>
</tr>
<tr>
<td>1</td>
<td>Weaving &amp; finishing of cotton textiles</td>
<td>45 Lakh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Meters/Annum</td>
</tr>
</tbody>
</table>

II. As per the application, the above activity is to be located in the existing industry’s premises i.e., at Sy.No: 461-A1, 148-B, C & 460-B, C, Boppudi (V), Chilakaluripet (M), Guntur District in an area of 15.0 Acres.

III. The above site was inspected by the Assistant Environmental Engineer, A.P. Pollution Control Board, Regional Office, Guntur on 02.08.2019 and observed that the site is surrounded by:

- **North**: Spinning Division & Quarters;
- **South**: Kalyana Mandapam followed by Agricultural lands;
- **East**: NH-16;
- **West**: Agricultural Donka followed by Agricultural lands;
IV. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues CONSENT FOR ESTABLISHMENT (EXPANSION) to your activity 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 manufacture the products as 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
Joint Chief Environmental Engineer

Digitally signed by N V Bhaskara Rao
Date: 2019/08/26 13:11:48 +05'30"

To

Sri Nannapaneni Raghava Rao,
M/s. Sri Dhanalakshmi Cotton & Rice Mills Pvt. Ltd.,
(Textiles Division) (Expansion),
Sy.No: 461-A1, 148-B, C & 460-B, C,
Boppudi (V),
Chilakaluripet (M),
Guntur District.

E-mail: fmdhana@gmail.com

Copy to the EE, RO, Guntur for information and necessary action.
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 Effluent Treatment Plant (ETP) and 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 industry shall display online data outside the main factory gate on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and solid waste generated within the factory premises, as per Hon'ble Supreme Court order.

6) 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.

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


9) 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 Appellate Authority located at H.No.6-1-69/2/1, Lakdi-ka-pool, Hyderabad - 500 004.

SCHEDULE – B

Water :

1) The source of water is Ground water and the maximum permitted water consumption is as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Water Consumption (KLD)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Existing</td>
<td>Proposed</td>
<td>Total after expansion</td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Process &amp; Washings</td>
<td>5.0</td>
<td>5.0</td>
<td>15.0</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Boiler Feed &amp; Cooling (Humidification) Makeup</td>
<td>15.0</td>
<td>5.0</td>
<td>20.0</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Domestic &amp; Town ship</td>
<td>40.0</td>
<td>5.0</td>
<td>45.0</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>60.0</td>
<td>15.0</td>
<td>75.0</td>
<td></td>
</tr>
</tbody>
</table>
2) The maximum Waste Water Generation (KLD) shall not exceed the following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Wastewater Generation (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>Proposed</td>
<td>Total after expansion</td>
</tr>
<tr>
<td>1.</td>
<td>Process &amp; Washings</td>
<td>5.0</td>
</tr>
<tr>
<td>2.</td>
<td>Boiler &amp; Humidification (blowdown)</td>
<td>0.5</td>
</tr>
<tr>
<td>3.</td>
<td>Domestic &amp; Town ship</td>
<td>32.0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>37.5</td>
</tr>
</tbody>
</table>

* The industry vide ref. 2nd cited submitted clarification stating that 200 workers are attending the factory from outside and the industry provided accommodation for 200 individuals only.

3) The domestic effluent shall be treated to on land for irrigation standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof, and additional standards / conditions stipulated by APPCB.

4) Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
   a) Industrial cooling, spraying in mine pits.
   b) Domestic purposes.
   c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.
   d) Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

5) The industry shall not generate any process & wash wastewater.

6) The industry shall not discharge any waste water outside the industry premises under any circumstances.

7) The industry shall provide digital flow meters with totaliser facility for measuring the quantity of water consumption at intake points and wastewater generation at discharge points and maintain log books.

8) The industry shall provide dedicated energy meters to the STP and maintain log registers.

9) The industry shall augment the STP to take the additional load, if any, in future.
Air:

10) 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>
</table>
| 1      | Boiler (Existing) – 2 Nos | 3 Tons/hour each | Provided Cyclone dust collector to each boiler as Air Pollution Control Equipment (APCE) so as to meet SPM – 115 mg/Nm$^3$
Common chimney – 30 mts. |
| 2      | D.G. Set (Existing) | 625 KVA | 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. |
| 3      | D.G. Set (Existing) | 180 KVA | |

11) 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.

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

- $SO_2$ – 80 µg/m$^3$
- $NO_x$ – 80 µg/m$^3$
- $PM_{2.5}$ – 60 µg/m$^3$
- $PM_{10}$ – 100 µg/m$^3$

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

Solid Waste:

13) The industry shall comply with the following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Solid Waste generated from</th>
<th>Total Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Used Oil / Waste lubrication oil</td>
<td>100 Lts./Annum</td>
<td>Shall be disposed to A.P.P.C.B. authorised reprocessing agencies.</td>
</tr>
<tr>
<td>2</td>
<td>Fabric waste</td>
<td>5.0 TPA</td>
<td>Shall be disposed to outside parties</td>
</tr>
<tr>
<td>3</td>
<td>Boiler Ash</td>
<td>250 Kgs/day</td>
<td>Shall be disposed to brick manufacturing units.</td>
</tr>
</tbody>
</table>

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

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


**Special Conditions:**

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

17) The industry shall develop green belt in all the vacant places. In future, excess green belt over and above 33% of total area can be utilized for industrial activity as per requirement of industry. In any case, the minimum greenbelt shall be 33% of the total area.

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

21) The industry shall not operate the unit without obtaining CFO Order (Expansion) from the Board.

22) 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 attract action under the provisions of relevant pollution control Acts.

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

24) 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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Date: 2019.08.26 13:12:39 +05'30''

JOINT CHIEF ENVIRONMENTAL ENGINEER