ANDHRA PRADESH POLLUTION CONTROL BOARD

Agenda

Date : CFE Agenda Item No.

1. Name of Industry and Location : BHARATHI CONSUMER CARE PRODUCTS PVT LTD. - S.NO.280/1A,1B,2A,2B,3A, 281,AMARAVATHI ROAD,PEDDAPARIMI,Thullur,Guntur district., PEDDAPARIMI,Guntur-522016

2. i. Proposal For : CFE expansion

3 i.Inspection Conducted by : Sri Panki Raju, Ph:
   ii. Representative of Industry : 9394155559. E-MAIL: bccpl@gmail.com
   iii. Date of Inspection : 27/07/2019

4 Land Details :
   i. Total area of the land(Ha) : 47,004 Sq. Mts
   ii. Built up area(Ha) : -
   iii. Area of Green belt proposed by the industry(Ha) :
   iv. Nearest Human habitation :
   v. Nearby water body :

4. Land Details :
   i. Total area of the land(Ha) : 47,004 Sq. Mts
   ii. Built up area(Ha) : -
   iii. Area of Green belt proposed by the industry(Ha) :
   iv. Nearest Human habitation : The nearest habitation is Nidumukkala Village is existing at a distance about 500 Mts towards East.
   v. Nearby water body :

vi. Boundaries of the site :
   North : vacant land
   South : Vacant lands followed by hill
   East : Guntur to Amaravathi R&B Road.
   West : Vacant lands followed by hill

5. Project Cost in Rs :
   i. Land :
   ii. Building :
   iii. Plant and Machinery Rs. 3.39 Crores

6 Category Of Industry : ORANGE

7 Line Of Activity : Manufacturing of Liquid Sodium Silicate

8 Products :

<table>
<thead>
<tr>
<th>S.N o.</th>
<th>Name of the Products</th>
<th>Proposed Capacity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SODIUM SILICATE</td>
<td>2400</td>
<td></td>
</tr>
</tbody>
</table>
Raw material and chemicals used:

<table>
<thead>
<tr>
<th>S.N. No.</th>
<th>Name of the Raw material and Chemicals</th>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SILICA SAND AND SODA ASH</td>
<td>2400</td>
<td></td>
</tr>
</tbody>
</table>

Source of water supply: bore well

i. Water consumption:

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Qunatity(KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process</td>
<td>4.0</td>
</tr>
<tr>
<td>Domestic</td>
<td>2.0</td>
</tr>
</tbody>
</table>

ii. Waste Water Generation KLD:

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Quantity(KLD)</th>
</tr>
</thead>
</table>

iii. Treatment & Disposal:

<table>
<thead>
<tr>
<th>Source of Effluent</th>
<th>Treatment Units</th>
<th>Mode of Final Disposal</th>
</tr>
</thead>
</table>

Air Emissions:

a. Emissions from Fuel burning:

<table>
<thead>
<tr>
<th>Stack Name</th>
<th>Capacity</th>
<th>Control Equipment</th>
<th>Height Above Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG</td>
<td>1185</td>
<td>AUCUSTIC ENCLOSER S</td>
<td>18</td>
</tr>
</tbody>
</table>

Solid Waste:

<table>
<thead>
<tr>
<th>Solid Waste generated from</th>
<th>Quantity (KG/DAY)</th>
<th>Hazardeous/ as defined under HWM Rules 1989</th>
<th>Treatment</th>
<th>Method of Disposal</th>
</tr>
</thead>
</table>

Solvent Recovery Systems:

Specific recommendations on the issue of consent under Water (P & CP) Act, 1974 as amended and Air (P & CP) Act, 1981 as amended:

Status of Compliance of CFO Conditions (In case of change of product mix, expansion):

<table>
<thead>
<tr>
<th>CFO Conditions</th>
<th>Compliance</th>
</tr>
</thead>
</table>

Court Cases/complaints, if any:

EC Status:

Remarks on EIA/EMP:

Other Information:
Inspector Officer's Remarks:


2. Now the industry submitted CFE application for the expansion of the existing activity to produce Liquid Sodium Silicate of 2,400 TPA. The expansion is proposed within the existing premises without acquiring any additional land. The total area of the industry is 47004.0 Sq. Mts.

3. The manufacturing process involves mixing of different raw materials i.e., Silica & soda Ash in Mixing Machine with steam addition.

4. The total water consuming after expansion is about 13.0 KLD and waste water generation from domestic section is about 5.2 KLD.

5. The industry has constructed STP of 25 KLD capacity for treatment of the domestic effluents. The same may be proposed for treatment of the effluents anticipated under expansion project also.

6. The industry proposed to installed 0.5 TPH capacity Boiler in the expansion project.

7. The industry is having 2 Nos of DG sets in the existing unit (500 KVA x 2 Nos) and provided acoustic enclosures to control noise pollution.

8. During handling of raw materials dust emissions will be generated. The representative of the industry has not submitted details on measures proposed for control of dust emissions.

Signature & Designation of the Inspecting Officer

Recommendations of regional officer:

M/s. Consumer Care Products Private Limited is operating Detergent Cake & Detergent Powder manufacturing unit at Sy. No. 280/1A, 1B, 2A, 2B, 3A & 281, Nidumukkala, Peddaparimi (V), Thulluru (M), Guntur District. The Board issued renewal of CFO to existing industry on 20.07.2016 for the period upto 31.05.2021 along with conditions. Now the industry applied for CFE Expansion through Single Desk Policy for establishment of Liquid Sodium Silicate unit within the plant Premises.

The expansion is proposed within the existing premises and the line of activity is not significant to generate air & water pollution other than fugitive dust emissions generating during handling of raw materials. The industry need to furnish the details of dust containment measures.

In view of the above, the details may be reviewed while consider to issue CFE for expansion of the existing unit duly stipulating conditions applicable.

Submitted.
Yours faithfully

ENVIRONMENTAL ENGINEER
(Name and Designation)

N V BHASKARA RAO
JCEE
(Name and Designation)

EE Recommendations.