CONSENT ORDER FOR ESTABLISHMENT

Order No. ATP - 1041/PCB/ZO-KNL/CFE/2019

Dt: 03.08.2019


Ref: 1. Industry’s CFE application received through OCMMS on 05.07.2019.
2. R.O. Anantapur Lr.No. 1043-ATP /PCB/RO/ATP/2019, dt.02.08.2019 received by ZO on 08.2019  

1) In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) order to set up stone crushing plant to produce the following products with installed capacities as mentioned below, with a project cost of Rs. 125.0 Lakhs.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Products</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Road Metal</td>
<td>1500 TPD</td>
</tr>
</tbody>
</table>

2) As per the application, the above activity is to be carried out at Sy.No.184-3B, Gadrallapalli (V), Chilamathur (M), Anantapuram District in an area of 12266.43 Sq.mtrs or About 3.03 acres

3) The above site was inspected by the Assistant Environmental Engineer, Regional Office, Anantpur on 15.07.2019 and found that it is surrounded by the following:
   - North: Agriculture Land (Mango garden of proponent)
   - South: Hillock (Quarry lease area of the industry)
   - East: Barren lands followed by vanka at a distance of 300 mtrs
   - West: Hillock

4) The Board, after careful scrutiny of the application and verification report of Regional Office, hereby issues CONSENT FOR ESTABLISHMENT(CFE) to your INDUSTRY under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to manufacture the products mentioned at para (1) only.

5) This consent order issued is subject to the conditions mentioned in the Annexure.

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

7) This consent order is valid for a period of 7 years from the date of issue.

Encl: Schedule ‘A’
       Schedule ‘B’.

To
M/s. Sri Lakshmi Venkateshwara Metal Crushing
V. Venkaesh
S/o V. Gangappa
Gandrapalli(V), Chilamathur
Anathapuram – 515331

Copy to the Environmental Engineer, Regional Office, Anantapur APPCB for information.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZOANL OFFICE, KURNOOL
Annexure

SCHEDULE – A
1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Section 25/26 of Water (P & C of P) Act, 1974 and under Sec 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trial runs.
2. The applicant shall install or provide separate energy meters for Effluent Treatment Plant (ETP) and Air Pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The rules and regulations notified by Ministry of law and justice, GoI, regarding the Public Liability Insurance Act, 1991 shall be followed.

SCHEDULE – B

Water:
1. The source of water is Borewell and the maximum permitted water consumption is as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sprinkling for dust suppression</td>
<td>3.0 KLD</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>3.0 KLD</td>
</tr>
<tr>
<td>3</td>
<td>Gardening</td>
<td>2.0 KLD</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>8.0 KLD</strong></td>
</tr>
</tbody>
</table>

2. The maximum waste water generation shall not exceed the following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Quantity (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>3.0</strong></td>
</tr>
</tbody>
</table>

Treatment & Disposal:

<table>
<thead>
<tr>
<th>Effluent Source</th>
<th>Treatment</th>
<th>Mode of final disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>---</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

Air:
3. Air Pollution control equipment shall be installed along with commissioning of the plant and shall comply with the following for controlling air pollution.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Details of Stack</th>
<th>Stack 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Attached to:</td>
<td>D.G. Set</td>
</tr>
<tr>
<td>b)</td>
<td>Capacity</td>
<td>500 KVA</td>
</tr>
<tr>
<td>c)</td>
<td>Name of the Fuel</td>
<td>HSD of 150 - Ltrs/day</td>
</tr>
<tr>
<td>d)</td>
<td>Stack height above ground (m.)</td>
<td>06 mtrs</td>
</tr>
<tr>
<td>e)</td>
<td>Air Pollution Control Equipment:</td>
<td>Silencer with acoustic enclosure</td>
</tr>
</tbody>
</table>

4. The proponent shall implement the following pollution control measures to comply with the SPM standard of 600 µg/m³ measured at a distance of 3 – 10 mtrs from any processing equipment of stone crusher.
   a) Provide water meter for estimate the quantity of water required for operation of stone crushers and to ensure the sources of water to meet the requirement.
   b) Provide proper cladding to crusher (primary, secondary and tertiary) with arrangements of a door with opening and closing facility for cleaning and maintenance and to provide well-designed water spray arrangements (water spray in the form of mist) to suppress the dust generated during crushing operation.
   c) Install adequate sprinkling arrangement to suppress the dust during unloading of mined rock and loading of crusher hoppers.
   d) Provide metal sheet enclosures to transfer points and screen, with arrangements of a door with opening and closing facility for cleaning and maintenance. All opening provided for ventilation in the enclosures should be covered by canvas bag filter to arrest the escaping dust.
   e) Provide top covers to belt conveyors.
   f) Provide adequate length of telescopic discharge chute at discharging points of conveyors (crushed stone, reject, fine dust etc.), to prevent dust emission from product discharge.
   g) Provide adequate capacity of elevated bunkers to store dust generated and also to provide telescopic chute at discharge point to load the truck to prevent dust emissions.
   h) Storage of product height shall be restricted to 1.5 m below the height of the wind breaking walls to avoid the carryover of dust.
   i) Install dust extraction system at dust containment enclosures to extract the accumulated dust and equipped with adequate dust control system such as cyclone and bag filter followed by stack.
j) Provide metal sheet barricade wall or boundary wall of height of 20 feet to prevent carryover of dust from crushers to surrounding areas.

k) install scientifically designed water sprinklers to suppress the dust emission from raw material, product storage area and internal vehicle movement areas.

l) Re-suspension from inside roads, all internal roads to be metalled, to clean stone crusher premises regularly and to wet the ground within premises to prevent dust.

m) Develop green belt development along the boundary walls for 5 mtrs width as a dust containment.

5. The proponent should comply with the National ambient air quality standards as per MoEF, GoI notification dated.18.11.2009 during construction and regular operational phase of the project as prescribed below.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Parameters</th>
<th>Standards in µg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Particulate Matter (PM₁₀)</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Particulate Matter (PM₂.₅)</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>SO₂</td>
<td>80</td>
</tr>
<tr>
<td>4</td>
<td>NO₂</td>
<td>80</td>
</tr>
</tbody>
</table>

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

**Solid Waste:**
6. The crusher shall dispose the solid waste as following.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Solid waste</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stone dust</td>
<td>300 TPD</td>
<td>Shall be dispose partly for brick manufacturers and partly used for road works.</td>
</tr>
</tbody>
</table>

**Other Conditions:**
7. 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 action under the provisions of relevant pollution control Acts.

8. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserved to it the right and power under section 27 (2) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 (4) of the Air (Prevention & Control of Pollution) Act, 1981 to review any or all the conditions imposed herein above and to make such alteration as deemed fit and stipulate any additional conditions or revoke the order in the interest of environment protection.

9. Any person aggrieved with this order 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 the 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.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

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Date: 2019.08.03 16:44:23 +05'30''

To
M/s. Sri Lakshmi Venkateshwara Metal Crushing
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