CONSENT ORDER FOR ESTABLISHMENT

Order No. ATP - 1071/PCB/ZO-KNL/CFE/2019

Dt: 23.10.2019


Ref:
1. Industry’s CFE application received through OCMMS on 25.09.2019.
3. CFE Committee meeting held at ZO, Kurnool on 22.10.2019

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. 95.0 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>500 TPD</td>
</tr>
</tbody>
</table>

2) As per the application, the above activity is to be carried out at Sy.No. 65-C2, Malapanagudi (V), D.Hirehal (M), Ananthapur District in an area of 5.0 acres

3) The above site was inspected by the Environmental Engineer & Assistant Environmental Engineer, Regional Office, Anantapur on 19.10.2019 and found that it is surrounded by the following:
   - North : Malapanagudi to D.Hirehal Village followed by Dry Agriculture Lands
   - South : Dry Agriculture Lands followed by Hillock
   - East : Dry Agriculture lands
   - West : Dry Agriculture lands

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’.

K Venkateswara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER
ZONAL OFFICE, KURNOOL

Digitally signed by K Venkateswara Rao
Date: 2019.10.23 17:05:30 +05'30"

To
M/s. Dharani Stone Cutting Unit,
D.No.132 B, 7th Cross JCR Exxtension,
Chitradurga, CHITRADURGA
Karnataka – 577 501.

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

1. The proponent shall maintain 110 mtrs setback from the Malapanagudi to D.Hirehal village road.

Water:

2. 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>Total</td>
<td></td>
<td>8.0 KLD</td>
</tr>
</tbody>
</table>

3. 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>Total</td>
<td></td>
<td>3.0</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:

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) Dust containment cum suppression system for the equipment such as 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.

b) Adequate sprinkling arrangement to suppress the dust during unloading of mined rock and loading of crusher hoppers.

c) 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.

d) Top covers to belt conveyors

e) Adequate length of telescopic discharge chute at discharging points of conveyors (crushed stone, reject, fine dust etc.,) to prevent dust emission from product discharge

f) 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.

g) 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

h) Metal sheet barricade wall or boundary wall of height of 20 feet to prevent carryover of dust from crushers to surrounding areas.

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

j) Development of 5 m width of green belt along the boundary of the site in the 50 m width buffer zone of the stone crushing unit. This greenbelt shall be developed on outer side of the buffer zone so as to act as a barrier. The Greenbelt development shall be started along with the construction activity.

5. The crusher shall install scientifically designed water sprinklers to suppress the dust emission from raw material, product storage area and internal vehicle movement areas.
6. The crusher shall install a blower to extract the dust generated during screening operations. The extracted dust should be vented into a chamber wherein water sprinklers shall be provided for suppressing the dust.

7. 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>NOₓ</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:
8. 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>50 TPD</td>
<td>Shall be disposed partly for brick manufacturers and partly used for road works.</td>
</tr>
</tbody>
</table>

Other Conditions:
9. 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.

10. 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 alternation as deemed fit and stipulate any additional conditions or revoke the order in the interest of environment protection.

11. 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
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