I. Sri B. Sanjeeva Reddy, (4,000 Ha Dolomite and Steatite mine) Sy.No.572, of Amalladinne (V), Peddapappur (M), Anantapuram Division, Anantapuram District has obtained CFE of the Board on 04.12.2018. Now the industry has applied for CFO of the Board.

II. The details of the mine as reported by the RO, Anantapur through inspection report dated 12.07.2019 are as follows:

1. **Applied through**: OCMMS
   - **Date of commissioning**: 07/2019.
   - **Date of Receipt of the CFO application at RO**: 02.07.2019
   - **Date of Receipt of the additional information at RO**: 04.07.2019
   - **Date of RO Inspection**: 04.07.2019
   - **Consent status**: Obtained CFE and applied for CFO for first time
   - **Date of Receipt of consent verification report at ZO**: 20.07.2019
   - **Total Project Cost**: Rs. 55.0 Lakhs
   - **Category of the industry**: Red - Haz
   - **Fee Details**: The industry has paid Consent fee of Rs. 13,750/- (vide receipt No. 794961014, dt:02.07.2019) for both acts under Red Haz., Category for a period of five years i.e., up to 07/2019 to 06/2024.

2. **Details of Raw Materials**:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Raw Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>****</td>
</tr>
</tbody>
</table>

3. **Details of Products**:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Products / Line of Activity</th>
<th>Mine lease area</th>
<th>As per CFE Order dt: 04.12.2018</th>
<th>Applied (as per the application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mining of Dolomite</td>
<td>4.0 Ha</td>
<td>77454.3 MT/annum</td>
<td>77454.3 MT/annum</td>
</tr>
<tr>
<td>2</td>
<td>Mining of Steatite</td>
<td></td>
<td>1580.7 MT/annum</td>
<td>1580.7 MT/annum</td>
</tr>
</tbody>
</table>

4. **Details of Water Consumption**:

   - **Purpose**: Borewell
   - **Quantity in KLD**
     - Dust suppression: 1.00
     - Dust suppression approach roads: 1.00
     - Process: 1.00
     - Gardening: 1.00
     - Domestic: 0.64
     - **Total**: 4.64

5. **Waste Water Details**:

   - **Source**: Domestic
   - **Quantity in KLD**: 0.64
   - **Total**: 0.64

6. **Treatment facilities**:

   - **Source**: Domestic Effluents
   - **Treatment facility**: Septic tank followed by soak pit
   - The industry has not provided septic tank followed by soak pit for disposal of domestic effluents.

7. **Details of Air Pollution**:

8. **Emission from chimney as per CFE order dt. 04.12.2018**:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Air Pollution sources</th>
<th>Control equipment provided</th>
<th>Limiting Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

9. **Details of Solid Waste**:

   - **Solid waste generated from**: Rock waste
   - **Quantity (Kg/day)**: 29,817 m for the 1st five years.
   - **Disposal Option**: The waste is being dumped towards North-Western side of the mine lease area.
10. Compliance of the industry for Fresh CFO / Schedule – B conditions for renewal CFE Order No.

<table>
<thead>
<tr>
<th>S. No</th>
<th>Condition</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>The source of water is Borewell and the maximum permitted water consumption shall not exceed the following quantities.</td>
<td>The unit utilizes water for dust suppression for sprinkling water on the haulage roads, green belt development and domestic purposes.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Purpose</th>
<th>Quantity (In KLD)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dust suppression</td>
<td>1.0 KLD</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Dust Suppression approach roads</td>
<td>1.0 KLD</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Process</td>
<td>1.0 KLD</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Gardening</td>
<td>1.0 KLD</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Domestic</td>
<td>0.640 KLD</td>
<td></td>
</tr>
</tbody>
</table>

|       | Total                    | 4.64 KLD          | |

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

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Waste water generation</th>
<th>Total (KLD)</th>
<th>Mode of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Domestic</td>
<td>0.640 KLD</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

Total 1.0 KLD

The industry has not provided septic tank for the disposal of domestic waste water. The unit representative has informed that, they will construct the septic tank within 30 days.

3. The project authority shall carryout open cast semi mechanized mining only.

The industry is carrying out open cast method of mining.

4. Fugitive dust emissions from all the sources should be controlled regularly. The project authority shall provide water spraying arrangement on haul roads, loading and unloading and at transfer points for dust suppressions.

The industry has deployed tractor mounted tanker for sprinkling water on the haulage roads to control the dust emissions.

5. The project authority shall implement the following measures to reduce the air pollution during the transportation of the mineral.
- Road shall be graded to mitigate the dust emissions.
- Overfilling of tippers and consequent spillage on the roads shall be avoided. The trucks shall be covered with tarpaulin.
- Water shall be sprinkled at regular interval on the main haul road and other service roads to suppress the dust.

Noted by the unit

6. Solid waste:
The Solid wastes generated shall not exceed the following breakup quantities:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Solid Waste generation</th>
<th>Quantity (Kg/day)</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rock waste</td>
<td>29,817 m³ for the first five years</td>
<td>The waste shall be dumped in an area of 0.494 Ha towards North – West side of the mine lease area.</td>
</tr>
</tbody>
</table>

The unit generates Solid waste i.e., Rock waste of 29,817 m³ for the first five years and the mineral waste is being dumped towards North – West side of the mine lease area.

7. The project authority shall not dump the over burden, top soil etc., generated during the mining activity shall not dump outside the quarry lease area under any circumstances.

8. The top soil shall be removed and staked separately so as to utilize for restoration or rehabilitation of the land.
9. The project authority shall adopt and maintain the following measures to control erosion of dumps:
   a. Retention/toe walls shall be provided at the foot of the dumps.
   b. Stabilization of worked out planting appropriate shrub/grass special on the slopes.
   c. Garland drain around the dump for diversion of storm water. The garland drain shall be routed through siltation pond of adequate size.

   The industry has not constructed retention wall around the mineral waste dump. Also, the industry has not provided garland drain and siltation ponds for the dump to arrest the flow of silt and sediments.

10. No change in mining technology and scope of working should be made without prior approval from the Board. No further expansion or modification in the mine shall be carried out without prior approval from the Board.

   Noted by the unit

11. The project authority shall develop greenbelt along the boundary of the mine lease area with tall growing trees with native species.

   The industry has not developed any green belt within the the mine lease area and unit representative has informed that they will improve the green belt in the coming monsoon season.

12. 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.

   ---

13. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21 (4) of Air (Prevention and 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 for the purpose of the Act by the Board.

   ---

14. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 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 such authority (herein after referred to as 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.

   ----

11. Inspection Officer & RO Remarks:
   a. 4.000 Ha Dolomite and Steatite Quarry mining of Sri.B. Sanjeeva Redddy is located at Sy.No.572, of Amalladinne (V), Peddapappur (M), Anantapuram Division, Anantapuram District and is engaged in mining Dolomite and Steatite over an extent of 4.000 Ha.

   b. The industry was issued with Consent for Establishment of the Board vide order dated: 04.12.2018 for mining of Dolomite – 77454.3 Tons/Annum, Mining of Steatite – 1580.7 Tons/Annum over an extent of 4.0 Ha. At present, the industry has applied for Consent for Operation of the Board for mining of Dolomite – 77454.3 Tons/Annum, Mining of Steatite – 1580.7 Tons/Annum over an extent of 4.0 Ha.

   c. The industry is carrying out open cast mining method using drilling & blasting operations. The industry utilizes water for dust suppression, green belt and domestic purposes. The industry has not provided septic tank followed by soak pit for disposal of domestic effluents. The unit representative has informed that, they will construct the septic tank within 30 days.

   d. The industry generates solid waste i.e., Rock waste of about 29,817 m³ for the first five years and the mineral waste is being dumped towards North – West side within the mine lease area. The unit has not constructed the retaining wall, garland drain, siltation pond for the mineral waste dump. The unit representative has submitted
undertaking that they will construct the retention wall, garland drain and siltation pond for the dump within 30 days. A copy of the same is enclosed.

e. The industry has deployed tractor mounted water tanker for water sprinkling in the mine haulage roads to suppress dust emissions.

12. Regional Office Remarks:
   In view of the above the application of the industry for CFO of the Board may be examined and suitable decision may be taken.

13. Zonal Office Remarks:

   RO reported that,
   a. The unit has not constructed retaining wall, garland drain, siltation pond for the mineral waste dump & has not provided septic tank followed by soak pit for disposal of domestic effluents.
   b. The project authority has submitted an undertaking vide lr.dt. 21.06.2019 stating that they will construct the retention wall for the dump, garland drain, siltation pond & septic tank within 30 days.
   c. The RO, Anantapur has received the CFO application on 02.07.2019. The RO has forwarded the verification report on 12.07.2019
   d. The time allotted (SLA) expires by 27.07.2019. Hence, the CFE was issued to the mine on 25.07.2019.
   The issue is placed before the CFE Committee for ratification