I. Sri Singala Chinna Ananda S/o.Sreeraganna, 1.5 Ha Road Metal and Building Stone mining Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District has applied for CFE of the Board to carryout Mining of Road metal & Building stone – 10574 m³/annum over an extent of 1.5 Ha.

II. The EE, RO, Anantapur vide Ir.dt.05.08.2019 submitted the CFE verification report. The details of the proposal as per the above report are given below:

1. **E.C. Status**: Not obtained EC, the Deputy Director of Mines & Geology, Kurnool, Govt. of Andhra Pradesh vide proceedings dated 30.01.2012 has granted quarry lease for road metal and building stone over an extent of 1.5 Ha in at Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District in favour of Sri Singala Chinna Ananda for a period of 10 years. Subsequently, the Assistant Director Of Mines and Geology (PAC), Anantapuram vide proceeding dt.16.03.2012 has executed quarry lease deed for a period 10 years in favour of Sri Singala Chinna Ananda. Therefore, as per the SEIAA, Andhra Pradesh circular dt.01.11.2018 the unit can continue to operate without Environment Clearance till the mining lease falls due for renewal in the year 2022.

2. **Applied through**: OCMMS
3. **Date of Receipt of the CFE application at RO**: 06.07.2019
4. **Date of RO Inspection**: 20.07.2019
5. **Date of Receipt of consent verification report at ZO**: 13.08.2019
6. **Project cost**: Rs. 15 Lakhs
7. **Fee Details**: The industry has paid CFE fee of Rs.2400/- for both Acts under Red-Hazardous category (vide Receipt. No. 496586365 dt: 06.07.2019).
8. **Area details**:
   i) Total area : 1.5 Ha
   ii) Built up area : ---
   iii) Greenbelt : The industry has proposed to develop green belt all along the boundary of the mine lease area and also back filled and reclaimed areas.
   iv) Nearest human habitation : V.Kothakota (V) is at a distance of about from 600 mts the proposed mine towards South-Western direction.
   v) Nearest water body : ---
9. **Surroundings**:
   **East**: Hillock
   **West**: Hillock.
   **North**: Hillock
   **South**: Sri Nandagokul Stone Crusher
   **Road details**: Vidanakall to V.Kothakota village road is at a distance of about 300 mts in South direction.

10. **Brief description of process**: Road metal in the quarry is excavated by open cast method by drilling & blasting operations. Mining will be carried out by formation of benches of height 6.0 mtr each. The mined boulders are loaded on to trippers using JCB and then crushed in their own crusher established outside the quarry lease area. The detailed mining method is enclosed with application.

11. **Products / activity**:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products</th>
<th>Proposed capacity</th>
</tr>
</thead>
</table>

---
Mining of Road metal & Building stone
(mine lease area - 1.5 Ha.)

Source of Water: Bore Well

Water Consumption:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Quantity in KLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>Dust Suppression</td>
<td>a. KLD</td>
</tr>
<tr>
<td>c</td>
<td>development of green belt</td>
<td>1.00 KLD</td>
</tr>
<tr>
<td>d</td>
<td>Domestic</td>
<td>1.64 KLD</td>
</tr>
</tbody>
</table>

Total: 4.64 KLD

Waste water generation:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Source</th>
<th>Quantity in KLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Domestic</td>
<td>1.64 KLD</td>
</tr>
</tbody>
</table>

Total: 1.64 KLD

Treatment & disposal of ETP:

<table>
<thead>
<tr>
<th>Source of Effluent</th>
<th>Treatment proposed</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>

The industry proposes to construct garland drains and siltation pond for the working pit to arrest the flow of slit and sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development etc.

Air pollution sources & Control equipment:

Mitigation measures:
The unit has to implement the following measures to control the dust emissions during the mining activity:

a) The dust rising due to drilling shall be controlled by covering the drill rods with cloth and by deploying dust extractors.

b) Control devices such as water sprinklers for reducing the generation of dust.

c) Shall use low explosives and low quantities for blasting to control the vibration levels.

d) Water sprinkling for dust suppression using water tankers having provision of sprinkling on dump yards and haul roads.

e) Providing dust masks for the workers based on the work area.

f) Providing hearing protection devices to the drill machine operators and dumper drivers.

a) Development of greenbelt in the periphery of the mine and also all along the haul roads.

Solid / Hazardous waste generation:

<table>
<thead>
<tr>
<th>Source of Solid Waste</th>
<th>Proposed Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td>10000 Tons for the 5 years period</td>
<td>The top soil is being used for development of afforestation in 7.5 mtrs width buffer zone along the boundary of the mine lease area</td>
</tr>
<tr>
<td>Rock waste</td>
<td>2400 m³ for the 5 years period</td>
<td>There is no proposal for dump yard. However, the unit is dumping the rock waste temporarily towards southern side within the mine lease area and is being utilized for formation of internal roads.</td>
</tr>
</tbody>
</table>

Inspection Officer Remarks:

1) 1.5 Ha Road Metal and Building Stone mining of Sri Singala Chinna Ananda S/o.Sreeraganna is located at Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District.

2) The industry has furnished the mining plan approved by Deputy Director of Mines and Geology, Kurnool vide proceeding dated.27.01.2018 along with the application.

3) The industry has not obtained Environmental Clearance and has applied for Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board simultaneously through A.POCIMMS for Mining of Road Metal & Building Stone – 10574 m³/annum in an area of 1.5 Ha.

4) It is to submit that State Level Environment Impact Assessment Authority (SEIAA) vide letter dated 01.11.2018 has informed that MoEF, Govt. New Delhi have clarified regarding applicability of EIA Notification,2006 on mining leases of 5.0 Ha (Major minerals) and mining
leases of minor minerals which have been operating before 14.09.2006, in the circular dated 02.07.2007 that:

“It is clarified that all such mining projects which did not require environmental clearance under the EIA Notification,1994 would continue to operate without obtaining environmental clearance till the mining lease falls due for renewal. If there is no increase in lease area and/ or there is no enhancement of production. In the event of any increase in lease area and /or production, such projects would need to obtain prior environmental clearance.

Further, all such projects which have been operating without any environmental clearance would obtain environmental clearance at the time of their lease renewal even if there is no increase either in terms of lease area or production” A copy of letter dated 01.11.2018 is enclosed.

5) Further the SEIAA has also clarified that the MoEF circular dt.02.07.2007 is applicable to the mine leases of major and minor minerals with an extent of area less than 5.0 Ha which were granted and existing prior to 18.05.2012 i.e., issue of MoEF office memorandum for continuing the mining operations.

6) It is to submit that the Deputy Director of Mines & Geology, Kurnool, Govt. of Andhra Pradesh vide proceedings dated 30.01.2012 has granted quarry lease for road metal and building stone over an extent of 1.5 Ha in at Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District in favour of Sri Singala Chinna Ananda for a period of 10 years. Subsequently, the Assistant Director Of Mines and Geology (FAC), Anantapuram vide proceeding dt.16.03.2012 has executed quarry lease deed for a period 10 years in favour of Sri Singala Chinna Ananda. Therefore, as per the SEIAA, Andhra Pradesh circular dt.01.11.2018 the unit can continue to operate without Environment Clearance till the mining lease falls due for renewal in the year 2022. A copy of the same is enclosed.

7) The APPCB, Zonal office, Kurnool vide order dt.22.05.2018 has issued stop production orders to the 1.5 Ha Road Metal and Building Stone mining of Sri Singala Chinna Ananda S/o.Sreeraganna, Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District for operating the mine without Environmental Clearance and CFE/CFO of the Board. A copy of the stop production orders is enclosed.

8) The unit representative has informed that they have stopped the mining operations since may, 2018 and will restart the operations after obtaining CFE/CFO and revocation of stop productions from the Board.

9) The method of mining is open cast mining method with drilling blasting operations and the excavated road metal boulders are being sent to their own stone crusher by means of tippers for crushing.

10) Water will be required for dust suppression to prevent fugitive dust emissions, greenbelt development and for domestic purpose will be 4.640 KLD. The industry generates domestic waste water of 1.0 KLD and is proposed to be disposed into septic tank followed by soak pit.

11) The main sources of dust emissions are emanated during emissions during drilling, blasting, excavation, loading & transportation and the industry has to implement measures as reported at Sl.No. 17(c).

12) The industry proposes to construct garland drains and siltation pond for the working pit to arrest the flow of slit and sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development etc.

20. **RO's Remarks:**

In view of the above, the application of unit for Consent for Establishment from the Board may be examined and suitable decision may be taken.

21. **ZO's Remarks:**

1. The APPCB, Zonal office, Kurnool vide order dt.22.05.2018 has issued stop production orders to the 1.5 Ha Road Metal and Building Stone mining of Sri Singala Chinna Ananda S/o.Sreeraganna, Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District for operating the mine without Environmental Clearance and CFE/CFO of the Board.

2. The Deputy Director of Mines & Geology, Kurnool, Govt. of Andhra Pradesh vide proceedings dated 30.01.2012 has granted quarry lease for road metal and building stone over an extent of 1.5 Ha in at Sy.No.678, V.Kothakota (V), Vidapanakal (M), Anantapuram District in favour of Sri Singala Chinna Ananda for a period of 10 years. Subsequently, the Assistant Director Of Mines and Geology (FAC), Anantapuram vide proceeding dt.16.03.2012 has executed quarry lease deed for a period 10 years in favour of Sri Singala Chinna Ananda.

The attached inspection report forwarded by the EE, RO, Tirupati may be reviewed. The issue is placed before the CFO Committee for review and recommendations.