1. Name and Address of the industry: M/s. Harshitha Granites (4.980 Ha.), Sy.No. 635/P, Kuchipudi (V), Marrpudi (M), Prakasam District

2. Line of Activity: Mining of Colour Granite

3. Category of the industry: Red-Haz

4. Status of Application (Fresh /Renewal): Fresh

5. Date of commissioning: 22.07.2019

6. Earlier CFO validity: ---

7. Project cost: Rs.45 Lakhs

8. Water Fee Rs. + Air Fee Rs.: Rs.11,250/-

9. Fee paid upto: 31.07.2024

10. Date of Receipt at RO: 25.07.2019

11. Date of receipt of Application at ZO: 13.08.2019

12. Single desk last date: 28.08.2019

13. Environmental Clearance order no. and date: EC obtained vide Order Dt.29.06.2019.

14. Inspection conducted by: EE & AEE-Il, RO, Ongole

15. Date of RO inspection: 03.08.2019


17. Surroundings:
   - North: Hill area
   - South: Barren land
   - East: Barren area
   - West: Hill land

18. Raw materials used:

   Sl.No. | Name of the Raw materials and chemicals | Quantity
   --- | --- | ---
   1) | Mining of Colour Granite in an extent of 4.980 Ha. by open cast semi mechanized mining | 

19. Products and By-Products manufactured / produced:

   Sl.No. | Name of the Products | Quantity
   --- | --- | ---
   1) | Mining of Colour Granite | 8484.53 m³ / annum

20. Water Pollution details

   i) Water Consumption:

   Sl.No. | Purpose | Quantity (KLD)
   --- | --- | ---
   1. | Dust suppression | 3.0
   2. | Greenbelt development | 2.0
   3. | Domestic | 1.5
   **Total** | | **6.5**

   ii) Wastewater generation:

   S.No. | Source | Quantity (KLD)
   --- | --- | ---
   1) | Domestic | 1.0
   **Total** | | **1.0**
21. ETP details:

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

22. Mode of Disposal of treated waste water:
- Domestic - Septic tank followed by soak pit.

23. Air pollution Details

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Details of Stack</th>
<th>Stack-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Attached to:</td>
<td>----</td>
</tr>
<tr>
<td>b)</td>
<td>Capacity</td>
<td>----</td>
</tr>
<tr>
<td>c)</td>
<td>Fuel</td>
<td>----</td>
</tr>
<tr>
<td>d)</td>
<td>Stack height Above the ground</td>
<td>----</td>
</tr>
<tr>
<td>e)</td>
<td>Diameter / Size in Mts.</td>
<td>----</td>
</tr>
<tr>
<td>f)</td>
<td>Details of Air Pollution Control Equipment</td>
<td>----</td>
</tr>
<tr>
<td>g)</td>
<td>Emission standard</td>
<td>----</td>
</tr>
</tbody>
</table>

24. Solid / Hazardous waste generation:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Solid / Hazardous Waste</th>
<th>Stream Number as per HWM Rules</th>
<th>Quantity of Solid / Hazardous waste</th>
<th>Disposal Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Waste oil from compressor &amp; machinery</td>
<td>----</td>
<td>10 LPA</td>
<td>Shall be disposed to authorized recyclers.</td>
</tr>
<tr>
<td>2.</td>
<td>Over burden &amp; mine rejects</td>
<td>----</td>
<td>42334 m³ / annum</td>
<td>Shall be disposed to dump on south corner of the mine lease area as per the approved mine plan.</td>
</tr>
</tbody>
</table>

25. Compliance with earlier CFE/CFO conditions:
- Applied for CFE & CFO at a time

26. Complaints / Legal cases, if any:
- --------

27. Inspecting Officer’s Remarks:

1. M/s. Harshitha Granites has proposed to carry out mining of colour granite over an extent of 4.980 Ha. in Sy.No.635/P, Kuchipudi (V), Marripudi (M), Prakasam District with an investment of Rs.45.0 Lakhs.

2. The industry has applied for grant of quarry lease for colour granite over an extent of 4.980 Ha. in Sy.No.635/P, Kuchipudi (V), Marripudi (M), Prakasam District. The Department of Mines & Geology, Government of A.P. vide Notice No. 32048/R3-2/2017, Dt.11.01.2019 in principle decided to grant a quarry lease for colour granite over an extent of 4.980 Ha. in Sy.No.635/P, Kuchipudi (V), Marripudi (M), Prakasam District in favour of M/s. Harshitha Granites for a period of 20 years subject to submission of approved mining plan and CFE from APPCB and EC from MoEF as per EIA Notification Dt.14.09.2006 and directed the industry to submit the above documents for grant of lease.

3. The industry submitted mining plan to the Department of Mines & Geology and mining plan was approved vide Lr.Dt.28.02.2019. The industry submitted approved mining plan.
4. The industry has obtained EC from SEIAA, AP, MoEF & CC, GoI, vide Order Dt.29.06.2019 to carryout Mining of Colour Granite – 8484.53 m$^3$/annum in favour of M/s. Harshitha Granites in the mine lease area of 4.980 Ha. in Sy.No.635/P, Kuchipudi (V), Marripudi (M), Prakasam District.

5. Now, the industry has applied for CFO of the Board to establish the mining unit to carryout mining of Colour Granite – 8484.53 m$^3$/annum in the above mine lease area. The applicant applied for CFO of the Board through OCMMS on 25.07.2019. The industry paid Rs.11,250/- through online vide receipt No. 416673154, Dt.25.07.2019 towards CFO fee on the project cost of Rs.45.0 Lakhs under Red-Haz category for a period of five years i.e. up to 31.07.2024. The SLA for disposal of application is 28.08.2019.

6. The mine lease area is a part of hill. The applicant proposed to carryout mining of colour granite by open cast semi mechanized method of mining involving drilling and blasting operations and excavation by excavators.

7. The source of water for the mining activity is bore well and water is used for dust suppression, greenbelt and domestic purposes. The total water requirement is 6.5 KLD. Out of which, the mining unit proposes to use 3.0 KLD for dust suppression, 2.0 KLD for greenbelt development and 1.5 KLD for domestic purposes.

8. About 1.0 KLD of waste water is generated from domestic section and the applicant proposed to dispose the same into septic tank.

9. The applicant proposed to grade the roads to mitigate the dust and sprinkling of water on the main haul roads and other service roads to suppress dust emissions during vehicle movement. The applicant proposed to carryout wet drilling & wire saw cutting to reduce fugitive dust emissions.

10. The mining unit generates solid waste – 42334 m$^3$/ annum and the same is proposed to dump on south corner of the mine lease area as per the approved mine plan in an area of 1.03 Ha.

In view of the above, the issue of CFO to the industry may be considered duly stipulating necessary conditions.

28. **Regional Officer’s Remarks:**

   The issue of CFO to the industry may be considered duly stipulating necessary conditions.

29. **ZO, Remarks:**

   The matter is placed before the CFO committee for review and to take a decision

   EE      SEE      JCEE