

Inspection report cum scrutiny comments on Final Mine Closure Plan of Anjani Limestone Mine of M/s Anjani Portland Cements Limited over an area of 4.75 ha. in Gudimalkapuram Village, Chintalapalem Mandal, Suryapet Dist, Telangana, DOI-02.08.2019.

- 1) The Final Mine Closure Plan is to be prepared as per the format of Final Mine Closure Plan issued by Indian Bureau of Mines. List of documents to be annexed and the table for calculation of Bank Guarantee should be as per the format of Final Mine Closure Plan.
- 2) In the introduction chapter the clinker plant capacity and limestone requirement from different mines to be discussed. Status of Environmental Clearance to be discussed.
- 3) Reason for Final Mine Closure is to be justified properly Reason of mining not being economically viable and feasible to be substantiated by the feasibility report.
- 4) Certificates towards work experience and educational qualification of the Qualified Person to be submitted. Qualified Person should sign the self certification submitted in respect of him.
- 5) Review of approved Review of Mining Plan to be submitted.
- 6) The co-ordinates of all the lease boundary pillars to be submitted.
- 7) Threshold value to be submitted correctly. Details of prospecting/exploration carried out in the lease area to be submitted. Blocked Resources under various Modifying Factors in terms of item no. 14 of Part-I (Definitions) of MEMC Rules'2015 to be submitted. Justification for Geological, Feasibility and Economic axis have not been dealt properly as per UNFC guidelines. The status of Environmental Clearance to be submitted. Updated reserves/resources for in-situ ore to be submitted. Exploration to be proposed in the lease to explore the area upto discontinuance of the mineral as per Rule 12(4) of Mineral Conservation and Development Rules'2017 with regard to the newly published threshold value notification. Geological plan of the lease area to be submitted demarcating the area under different categorization as per UNFC (G1/G2/G3/G4/Non-Mineralized).
- 8) The year wise production and development plan and section and the layout of mining are to be corrected. The conceptual mine planning and section are to be corrected.
- 9) Details of mining machineries, their decommissioning and their possible post mining utilization to be discussed. Economic percussions of mine closure to be discussed.
- 10) Hydrological study to be proposed to carry out in respect of the lease. Describe in detail the existing surface and ground water bodies available in the lease areas in terms of IS: 10500 or IS: 2490 (as the case may be) and the measures to be taken for protection of the same, for protection of contamination of ground water from leaching etc. Quantity and quality of runoff mine water shall be indicated and corrective measures proposed to meet the water quality conforming the permissible limits shall also be described. Water balance chart and Report of hydrological study carried out in the area shall be submitted. Make of water in the lease area based on the average rainfall for last 5 years and catchment area and pumping and other arrangements for dewatering (along with annual cost) shall be informed.
- 11) Baseline information as per the last approved Review of Mining Plan to be submitted. Further describe the existing air quality, water quality status. The mitigative measures to be taken for prevention of pollution of water from surface runoff and air from airborne dust particles to be discussed.
- 12) The information on protective measures for reclamation and rehabilitation works year wise to be submitted. The Reclamation and Rehabilitation plan submitted are not upto the mark and should be submitted for two years only.
- 13) Environmental Plan should be submitted showing all features existing within the 500m from the mining lease.
- 14) Time scheduling for abandonment is to be given and the abandonment cost to be submitted.
- 15) As on date of inspection there is no water in the mining pit hence the Surface plan showing the mining pit filled with water needs to be corrected. Further the Mining pit outlines in the plans are not matching as per the field condition.

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