

Scrutiny remarks on Modifications to the approved mining plan and PMCP for Thenmalai Limestone mine over 1.11 ha. in Thenmalai village, Sivagiri taluk and Tirunelveli district of M/s. Janatha Cem Industries Limited.

1. Cover Page: The title of the document may be mentioned as Modifications to the Approved Mining Plan and PMCP. The word “Applicant” may be replaced with “Lessee”. Mining lease is granted in the name of LIMENAPH CHEMICALS whereas it is mentioned on cover page as JANATHA CEM INDUSTRIES LTD. The same may be clarified, verified and corrected. The report may be read carefully before submission since several typing errors are seen in the report which may be checked and corrected. Para numbers may be corrected.
2. Page no-13: Comparative statement showing planned and achieved production for the last five years from 2012-13 to 2016-17 may be furnished.
3. Page no-20: In the approved scheme of mining it was stated that during the year 2015-16, 6 boreholes were proposed, but, in geological plan & sections, it is seen that 3 boreholes were drilled up to 70m RL. All these are confusing which may be clarified.
4. Page no-21: Expenditure incurred in prospecting operations is incomplete.
5. Page no-22: Proposal of exploration is incorrect.
6. Page no-23: The estimation of reserves and resources are incorrect as it is not matching with plans and sections. Reserves and resources may be re-estimated as per UNFC norms. The details of exploration already carried out along with supporting documents may be furnished and may also be depicted on Geological Plan/Sections. The increase in reserves figures as compared to approved Scheme of Mining may be justified with percentage of increment of reserves may be furnished. The table of reserves furnished in Mining Chapter, Page 29 may be placed in geology and exploration chapter.
7. Page no-30: Blasting paragraph may be checked and modified. Drilling and blasting is proposed as large dia hole/explosive, loading and transport by means of excavator/tippers. The document submitted under “B” category manual may be clarified.

8. Pageno-33: Proposed development and production figures are not tallying with plan and sections and also period may be given from 2017-18 to 2019-20 instead of 5 years period. Necessary changes may be made wherever applicable. The year wise quantity of limestone production proposed is quite high which is not permissible since the document is submitted under Category "B" manual mine. Output per man shift may be mentioned. Appropriate production target may be proposed. A separate table indicating the summary of production in tons may also be indicated in addition to the table 23. Further, it was observed that there was no such huge dump lying in the mining lease area, hence, re-handling of dump quantity may be re-estimated.
9. Para 4.6: Subgrade mineral mentioned in this para may be dealt separately. Necessary changes may be made wherever applicable. Chemical analysis of waste/sub grade mineral may be enclosed.
10. Page no-56: Table-35: Year wise period for ensuing three years may be given instead of five years as 2 years have already lapsed.
11. Adequacy of waste dumping may be discussed. The manner of disposal and its location may also be indicated in the mining chapter.
12. Page no-59: Financial assurance paragraph may be suitably modified as the existing bank guarantee is valid up to 03/12/2020. The table figures are not matching with plate no-X.
13. Copies of environmental clearance & pollution clearance obtained may be submitted.

Plates:

1. All proposals should be within lease area, leaving 7.5m all along the lease boundary.
2. Consolidated plan showing all six G.Os with its existing workings may be prepared & submitted to understand its profile.
3. Plate no-III: Lease plan authenticated by State Govt. authority may be submitted.
4. Plate no-IV: The given legend is not tallying with surface plan which may be checked and modified.
5. Plate no-V & VA: The area may be surveyed and Geological plan and sections may be redrawn, uniform cross-sections may be drawn by covering entire lease area as per UNFC norms and reserves and resources may be furnished a fresh.
6. Plate no-VI to VII: Year wise development and production schedules are not tallying with plan and sections which may be checked and modified.
7. All the above modifications may be carried out in CD also and submitted.