

Scrutiny Comments on examination of Review of Mining Plan (ROMP-1459) of Kallankurichi Limestone Mine (RC No.9534) over 4.92.5 hectares in Kallankurichi - Village, Ariyalur - Taluk & District submitted by M/s. Chettinad Cement Corporation Ltd.

1. Certified copies of educational qualifications and experience certificates of qualified person may be submitted for checking of credentiality.
2. All annexures must be signed by qualified person.
3. Para 3.2: The GPS reading of the pillars are to be marked in the surface and the geological plan.
4. Para 3.3 : The proposals given in the earlier approved mining plan should be reviewed with actual production and development and accordingly the chapter needs to be modified. The figures furnished in the year wise development table are not matching with the proposal given in the earlier approved mining plan for the year 2016-17 & 2017-18
5. Page 2&3: The reported Plate no.2A is not enclosed. It should be checked and corrected.

PART-A

6. Page No.18 &19 : The reference given Plate No.4 for Geological plan is not correct as per the list of annexures and list of plates enclosed.
7. Para 1.0(e): The details of exploration carried out so far and total number of exploration and total meterage, maximum and minimum depth of exploration are to be furnished.
8. Para 1.0(g)&(h): The scale of the plan preparation should be furnished.
9. Para 1(J) : The para needs to be furnished based on the feasibility report as per the guideline.
10. Para (K) : Reserve: The lease is granted for limestone and marl, but, the reserves estimated only for limestone. Hence, it should be clarified and accordingly the reserve estimation should be furnished properly. The chemical grade should be furnished and also the parameter considered for reserve calculation and sectional area etc., are to be furnished.
11. Para (L) Page no.18: This para needs to be furnished as per the guide line, the given method of mining , cut of grade etc., are not correct,
12. Para 2.(b) Mining: Year wise working needs to be discussed emphasizing the size of the pit, level of working for development and extraction of ore, direction of advances of the face, etc. in para 2.b. Further, year wise production given in table needs to be supported with sectional area and bench parameters.
13. Para 7(b), Page 41: The organization chart may be furnished. Geologist has to be appointed as per the MCDR, 2017.
14. Page 46: The village located in the buffer zone and its name, distance from the mine along with population is to be furnished.
15. Para 8.3.4 : The individual year wise proposals for the proposed five years should be furnished.

16. The financial assurance should be submitted along with final copy of ROMP.
17. Part-B: The signature of the owner or authorized person should be original with date in all certificates of Part-B.
18. Annexure: All annexures are to be countersigned by qualified person.

Plates:

19. All plans and sections, index and title of plate may be checked and corrected.
20. Contour lines drawn in the pits are not correct. It should be corrected as per the discussion in the field.
21. Plate No.3: The GPS reading of the boundary pillars are to be furnished.
22. Plate 5: In the geological section, the limestone and marl are marked but in the text estimation of marl reserve is not given.
23. Plates 6 to 10: The section should be drawn in the center or at equal interval of the proposed year wise production, and sectional area strike influence depth details are to be furnished in the plan and text.
24. Plate 12: The mine approach road and other village roads should be marked.
25. The proposed afforestation should be specified in the mining plan period.
26. In the CD, the Plans/plates are given in one PDF format, which is not readable, hence the Plans/plates are to be furnished separately and readable.