

Scrutiny comments on examination of Modification to the approved Review of mining plan along with PMCP of Pudukpalayam North Lime stone mine over an area of 26.07.5 hect in villages – Pudukpalayam and Periyanalalur villages, Ariyalur Taluk & District, TamilNadu. submitted by M/s. The Ramco Cements Limited Minecode- 38TMN38010.

1. Details of lease validity / extension consequent to MMDR Act 2015 need to be discussed in Introduction chapter.
2. Table No. (and if possible, Table Title as well) shall be mentioned for every table.
3. Page 1, Para 2: Letter No. 14387/MMA2/2007-2 dt-23/06/2008 restricting the period of Mining Lease to 20 years shall be annexed.
4. Para 2.0: The date of Lease grant ,date of Execution ,date of registration of lease deed executions and date of Expiry including as per MMDR amendment act-2015 are to be furnished along with supporting documents.
 5. Para 3.2 : The last approved plan is ROMP approved on 30.10.2018 for the period 2019-20 to 2023-24, Hence the given segment is not correct .The details of enhancement of production and the Environmental clearance capacity are to be furnished.
 6. Para 3.3 : Under Review chapter, data up to 31st July, 2020 need to be incorporated, instead of May, 2020 as given in the draft document. Accordingly, corrections need to be made at all places in text and plan.
 7. Page 8: Reasons for using Exploitation figures for the year 2020-21 upto the month of May for the year 2020-21 shall be mentioned. If the extant draft Modification is scheduled to begin from the month of June 2020, the same shall be mentioned on the cover page as well as other relevant locations throughout the text.
 8. Para 1.k : Since it is modification on approved ROMP, the reserve estimate during approved ROMP and its depletion of reserve are also to be furnished.
 9. Page 17, Estimation of Mineral Resources: The Length of each section, along with the respective Bench Height, Bench Slope & Section Width shall be provided as separate figures instead of just the Area & Sec Influence as provided.
 10. Page 21: It is proposed to drill 7 m deep holes for 6 m high benches, whereas on Page 28 & Plates 6 through 9, all benches are proposed & shown to be 8 m high. Correction shall be made at appropriate place.
 11. Page 24, 3) Haulage and Transport Equipment: It has been mentioned that a set of 4 to 5 Tippers of AMW make with capacities of 10 m³ each would be used for haulage within the mining leasehold & another set 13 tippers of TATA/Bharat Benz make with capacities of 25 tonnes each would be used for transport from mine head to the destination 23 kms away. No mention has been made of where & how this exchange of material from the first set of tippers to the second will be handled. If a stockpile is to be maintained for the said purpose, the same shall be shown on the surface plan along with its proposed dimensions & the set of machinery required for handling the stockpile shall also be mentioned in this section. No activity shall be proposed outside mining lease area.
 12. Page – 27, Production proposal table should be mentioned in a separate page and the ore waste Ratio has to be furnished.
13. Page 27, Year-wise production details for the ensuing 4 years period: The Length of each section, along with the respective Bench Height, Bench Slope & Section Width shall be provided as separate figures instead of just the Area & Sec Influence as provided.
14. Page- 47 to 50 – Construction of parapet walls, settling pond afforestation etc., should be given in each year of reclamation and rehabilitation table.
15. Page 51, Section 8.4.i) Land Contamination – The sentence “*The potential for contamination during operation of mine site is, waste rock dump which regard as contaminated land*” does not make sense & thus shall be corrected.

16. Photographs of systematic Mining should be enclosed.
17. Annexures: All the Annexures are to be counter signed by the qualified persons.
18. Annexures 7, 8, 10 & 11 have not been numbered.
19. Copies of consent to operate obtained from Pollution Control Board may be submitted.

Plates:-

- 20. The Date of survey of the area has to be furnished in all plans.**
- 21.** The latitude and Longitude of the lease area has to be marked.
- 22. Plate – 03, 04:** Strike & Dip Directions shown in these two plates do not match with each other. Correct Strike & Dip Directions shall be shown in both.
- 23.** Plate 4 & 5: The UPL should be drawn in both the plates.
- 24. Plate – 04:** Borehole No PPMN-8, which is mentioned on Page-13 & has been annexed in Annexure-5 but not shown in the Geological Plan, shall be shown.
- 25. Plate – 04:** Two Longitudinal Sections, passing across the area proposed to be mined in the plan period, shall also be provided apart from the Cross Sections provided.
- 26. Plate – 05:** The Index & the shadings do not match. For example, the top-most section shows a pattern depicting Top Soil at the bottom of the pit. Similarly, a dark black dot pattern used in various sections has not been referred to in the Index. Rectification shall be made.
- 27.** Plate 07-09 : In the Index box symbol given for safety barrier zone is not matching with the safety barrier marked in from the HT powerline side ,It should be checked and corrected.
- 28. Plate – 10:** In section A-A', inner portion of the bench is earmarked for production in an earlier year (i.e. 2022-23) than the outer portion which is earmarked for production in a later year (i.e. 2023-24). Required rectification shall be made.
- 29.** Plate – 14 – Prominent wind direction should be given