

**SCRUTINY COMMENTS OF RAVIRALA LIMESTONE MINE M/s RAMCO CEMENTS LIMITED IN KRISHNA
DISTRICT OF A.P STATE**

1. Consent letter for preparation of document should be submitted in Original.
2. It has been noted that the proposal is given for increase in plant capacity but the board of directors resolution for proposed investment for increasing the plant capacity has not been submitted.
3. It has been noted that the proposal has been given for increasing the plant capacity and consequently the limestone requirement is also going to increase upto 6.50 million tonnes. But as per your own submission the approved mining plan capacity for various mines is already more than your requirement i.e, 7.29million tonnes. So you are advised to scientifically justify as why the further enhancement is required.

Noted that in table 2, the production from Ravirala Limestone Mine of 124 hectare has not been considered for production , which needs to be explained.

Introduction chapter be corrected in light of above comments

Review of Mining Plan

4. Since the review has already been done for the period upto Aug 2017-18, it may now submitted for the year 2017-18, 2018-19 (up to the date of survey and after that).
5. Review of Afforestation and dump handling should be given for the year 2017-18 and 2018-19.
6. Submit the quantity of water pumped in the last two years and where it is disposed.

Geology

7. Reserves have been enhanced from 16.58 million tonnes to 22.17 million tonnes considering ore up to -36 MRL. However the lessee has got the EC upto 10mRL and has also not got any study undertaken for assessing the impact of mining below 10mRL on mining and impact of mining below 10mRL on Ground water. Hence the categorization of same as reserves as on date is not justified. The categorization of reserves and resource need to be assessed correctly as per MEMC Rules and new threshold value of limestone published by IBM.

8. Details of exploration carried out should be furnished in the tabular form as below

SL no.	Area explored under				Total lease area
	G1 level (ha)	G2 level (ha)	G3 level (ha)	Unexplored area (ha)	

9. Feasibility report for the mine should be submitted as per the format prescribed for the purpose showing the capital investment and proving economic viability of the project.

Mining

10. Noted that the mine working at present is extended upto 2mRL (including sump) in section ML- 2. As per the EC the water table is at a depth of 34mRL and EC is granted for working upto 10mRL only , as such the proposal for mining should be given upto 10mRL only.
11. Status of mining operation at present should furnished in tabular form incorporating quarry dimension, no. of benches in ore, waste, waste dump details (Top/ bottom RL), no. of terraces with location details in para 2.A.a.
12. Ultimate pit limit and depth be assessed correctly as per economics and submitted.
13. Haul road layout should be planned and shown accordingly in the development plan.
14. Yearwise, bench wise Development & production proposal should be furnished by slice plan method.
15. As per MCR, document should be submitted by a responsible person i.e, Qualified person only and not the qualified persons. Hence only one person be made responsible for the purpose of submitting the view of the lessee to the department and making

corrections in the document. Name of Qualified Person be enclosed as per above correction Para 1.0(f) page 7).

16. Compliance status of CCOM circular 02/2010, should be furnished.

17. Lease boundary pillars should be numbered as per authenticated lease sketch only.

18. The benchwise weighted average grade of proposed mining block for each year needs to be furnished.

Conceptual plan

19. Conceptual plan be prepared to indicate the UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and re-habilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of lease period.

Storage of Waste and Mineral reject

20. Since the present dump has already reached substantial height, further dumping on it does not seem feasible without proper geotechnical studies. Hence separate dump be proposed at the site as per as per MCDR provisions.

Mine Drainage

21. Assess the quantity of water likely to be pumped out from the pit and assess the corresponding arrangement for the pumping of the same.

22. It is stated that 200cum/ day of water is being used for various purposes, in this regard water drawl permission from competent authority should be furnished.

Progressive mine closure plan

23. Progressive mine closure plan prepared is sketchy, the details required as per the format of IBM manual has not been furnished; like use pattern, air, noise, ground vibration, ground water level etc. impact of the same due to mining activity and measures to be taken to mitigate the same is not detailed. Entire PMCP chapter needs recasting.

24. Summary of year wise proposal for reclamation and rehabilitation furnished is nil, there is waste re-handling, green belt development activities are there but the same is not furnished.

25. Financial assurance be submitted as per rule after assessing the land put to use.

Plates

26. Geologist and Mining engineer should put their signature in relevant plans and sections as per the statute.

27. The details in the document should be furnished as per the format of "IBM manual for appraisal of mining plan 2014" only. For ex. owner of the lease is furnished in page no.4, which is not as per the format.

28. Conceptual plan prepared is sketchy, geological sections should be referred to know the status of lease at conceptual stage. Accordingly the same should be modified and submitted.

29. Irrelevant data should be removed while furnishing the final copy.

30. Relevant para, plans and sections in view of the comments above should be suitably modified and submitted.



भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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To
Shri P.R. Venkatrama Raja,
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Krishna District 521 457 (A.P.)

Room No.603, 6th Floor,
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Secunderabad – 500 080
Date.6.2.2019

Sub: Submission of Modification of Mining Plan in respect of Ravirala Limestone mine over an extent of 60.72 ha in Sy.No. 124(P) of Compartment no.387 of Jaggayyapeta extension Reserve Forest, Jaggayyapeta (M) Krishna district, A.P. submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no TRCL/IBM/R.RF/22/334 dated.19.12.2018.

Sir,

With reference to your letter cited above on the subject, the document was examined by Sri Ibrahim Sharief Sr.ACOM and found certain deficiencies as given in Annexure. The same has been forwarded to you and your Qualified Person on respective e.mail ids i.e., minesjpm@ramcocements.co.in, psm@ramcocements.co.in & braju@ramcocements.co.in

02. You are advised to attend these deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (2Nos.). In this regard you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,

(Shailendra Kumar)
Regional Controller of Mines

Copy to Sri P.Suryanarayana Murthy, QP and B.Raju, QP for information and necessary action.

(Shailendra Kumar)
Regional Controller of Mines

मूल पति पर नहीं
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

