

***Inspection report cum scrutiny comments on the Modified Mining Plan by M/s. Bharathi Cement Corporation Limited for Bharathi Cement Limestone Mine (632.278 Hectares) of Yerraguntla and Kamalapuram Mandal, YSR Kadapa District, Andhra Pradesh after field inspection dated 20/02/2020.***

**General**

1. The document shall be submitted under rule 17(3) as “Modification in the approved of Mining Plan” for Mining plan period 2020-21 to 2022-23.
2. In annexure-1, the enclosures of Mining lease application submitted are not attached.
3. The introduction chapter shall be re-casted in proper sequence of activities carried out.
4. Please clarify the status of lessee/company:

In page no.4, you have submitted the certificate of incorporation of the company as per the company’s Act, pertains to M/s Bharathi Cement Corporation Ltd.

- a. It is noted in ‘Annexure-9’ name change of company from Raghuram Cements Limited to Bharathi Cement Corporation Limited.
- b. In annexure-11 states that name change of company from Raghuram Cements and Minerals Pvt. Ltd. To Bharathi Cement Corporation Private Limited.
- c. Lease was initially granted by state Government vide G.O .Ms no. 95 dated 27/03/2006 to Raghuram Cements Limited and also accepted change of name of the company/lessee to Bharathi Cement Corporation Limited vide its G.O.Ms No.54 dated 13.02.2009, but lease deed is not yet executed so for.
- d. As per ministry of corporate affairs website the CIN no. is pertains to Bharathi Cement Corporation Private Limited.

In this regard, you are advised to clarify actual status of company/lessee as per statute.

5. Justification of submitting modification in approved Review of Mining Plan should be further elaborated and justified with plausible reasons.
6. The DGPS survey details for the lease area approved by state DMG shall be submitted
7. The boundary pillar coordinates certified by the state government shall only be annexed.
8. The modifications in the production schedule for the prospective period i.e., from 2020-21 to 2022-23 shall only be acceptable.
9. Annexure 23 & 24 is not attached in the document submitted.

**Review of mining plan**

10. Approval letters from IBM for all approved Mining Plans shall be submitted.
11. In the earlier approved document the top soil was mentioned as black cotton soil whereas in the document submitted, it is mentioned that top soil is categorized as black cotton soil and OB brown/yellow soil. To be justified.
12. Deviation in development/exploitation than the approval proposals are observed, same may be furnished in review chapter.
13. There was not proposal of backfilling of top soil in the earlier approved document, instead it is for stocking of top soil temporarily in the pit and will be utilized for afforestation, and hence review should be modified as per earlier approved document only. Further there is no mineral exhausted in the lease area so for therefore backfilling proposal specifically ‘top soil’ cannot be used for backfilling of the pit and cannot be acceptable.

**Geology & Exploration:**

14. In page no. 21 it is mentioned that in the year 2007-08 expenditure of Rs.66,09,915/- was incurred for exploratory work. Documentary evidence for the expenditure shall be submitted.
15. In the earlier approved document siliceous limestone/flaggy limestone has not been considered under resources as it is having more silica content but in the present submission the same is considered under resources. Clarify it.
16. Detailed calculations of Top soil/OB quantity shall be submitted as per geological section line.
17. In the document submitted it is mentioned that OB comprises of 1mtr top soil and remaining 4m of brown/yellow soil. The mineralogical composition of the brown/yellow soil shall be submitted.
18. The borehole data of the boreholes drilled in the lease area shall be submitted.
19. NABL certification for analyzing the limestone samples shall be submitted.

**Mining:**

20. In the document submitted it is mentioned that the ultimate pit slope as  $60^{\circ}$ , which is not acceptable. The ultimate pit slope shall be maintained for  $45^{\circ}$  and the proposal shall be given as such. For maintaining slope steeper than  $45^{\circ}$ , approval from DGMS has to be submitted.
21. The benchwise weighted average grade of proposed mining block for each year needs to be furnished and the yearly weighted average grade should be close to the average grade of deposit for optimum exploitation of the mineral along with blending techniques shall be furnished.
22. The enclosures of Annexure-28 of HEMM permission shall be submitted.
23. The blast vibrations monitoring report is submitted for DGMS India (A). Monitoring report of DGMS India (B) standard shall be submitted.
24. The blast vibration monitoring report is not containing the details like location of blast, location of blast vibration monitoring station, max. charge per delay, total charge etc.,
25. Complete report on study report on Assessment of Intensity of Blasting operations of Annexure-35 shall be submitted.
26. In page no. 49 it is mentioned that the benches also may be given a gentle slope towards the southern part where sump may be located. Clarify it.

**Stacking of Waste:**

27. Proposal to construct retaining wall and water garland drains shall be submitted.

**Progressive Mine Closure:**

28. Anticipated hazards/problems during mining operations and its control measures shall be submitted.

**Financial assurance:**

29. The financial assurance shall be reassessed and submitted.



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No. 659(549)Lst/2006/Hyd.

Room No.603,  
6th Floor,CGO Towers,  
Kavadiguda,Secunderabad.-50008  
Date: 02.03.2020.

To  
Shri J.Jaganmohan Reddy, Nominated Owner,  
Bharathi Cement Limestone Mine,  
M/s Bharathi Cement Corporation Ltd.  
8-2-269/S/98, Sagar Society,  
Road No.2,Banjara Hills,  
Hyderabad-500 034,Telangana State.

Sub: Submission of Modified Review of Mining Plan in respect of Bharathi Cement Limestone Mine M/s Bharathi Cement Corporation Ltd. over an extent of 632.278 ha. Situated in T.Sunkesula and Tippaluru Villages of Yerraguntla Mandal, Nallalingayapalli, Turkapalli, Sadipiralla and Jambapuram Villages of Kamalapuram Mandal, YSR Kadapa District, A.P. submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no.BCCPL/Mines/IBM/2020 dated 06.02.2020.

Sir,

With reference to your letter cited above on the subject, the inspection of the mine was carried out by Shri M.Madhusudan Yadav, ACOM along with Sri K.Sudhakar, Mines Manager on 20.01.2020 and found certain deficiencies which were forwarded to you and your Qualified Person on respective e.mail ids i.e., [jaganmohanreddy.j@vicat.com](mailto:jaganmohanreddy.j@vicat.com), [sudhakar.k@vicat.com](mailto:sudhakar.k@vicat.com) and [nagarajao.k@vicat.com](mailto:nagarajao.k@vicat.com).

02. You are advised to attend the 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 @ RsThree 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 K.Nagaraja Rao, Qualified Person for information and necessary action.

(Shailendra Kumar)  
Regional Controller of Mines

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