

Inspection report and comments on the Modified Mining Plan submitted by Ms Ultratech Cement Limited in respect of Thummalpenta Limestone Mine admeasuring 844.977 ha area after field inspection dated 08.11.2019

Introduction

1. In the submitted lease sketch, village track/road is shown as excavated by a pit. During the processing of the document, it was noticed that the survey no. 151 (of Tummalapenta Village) of the said village road is excluded from the lease.

In this regard, you are advised obtain authenticity of the lease sketch with respect to exclusion of survey no 151 from the State Government for further processing of the document

2. Status of statutory clearances like EC, CTO etc. with validity should be recorded.
3. Details of address, email id, phone no. supported with identity proof and address proof of Nominated owner should be furnished.
4. Consent letter/ certificates/ undertaking should be submitted on company's original letter head duly signed by the Nominated owner.
5. Lease is granted for Shale in addition to Limestone, the details of reserves/ resources/ production etc. of the shale also be furnished.

General

6. Status of the lessee should be clearly mentioned as 'Public Limited company'/ Private Company.

Location and accessibility

7. In para 2.0(a), Date of Grant of lease, execution and period of lease should be furnished.
8. In para 2.0(b), Details related to lease sketch rectification by the State Government in 2016 should be discussed. details of extension of lease as per section 8A of MMDR Act 1957 should be furnished in the document.

The details of village road/ Rasta/ Nala etc. in the lease area should be discussed.

9. All the four Topo sheet nos. in which lease is located be furnished, instead of stating one topo sheet.

Review of mining Plan

10. Details of earlier approved MP/ SOM/MMP/RMP should be furnished in tabular column with the requisite details
11. The reason for deviation in production should be furnished.
12. Review of production, should be furnished as per earlier approved mining plan. Mining operations are being carried out in two pits, details of actual production against proposal should be submitted separately for clarity.
13. Compliance status of Violation pointed out by IBM should be furnished.

Geology and Exploration

14. Succession of litho units as per earlier approved document should be furnished. Shale/ Shaly limestone is considered as Cherty Limestone, which needs clarification.
15. There is constraint in use of Gray Limestone/ Dark grey Limestone due to So₃ content, proposal of blending of with dark grey Limestone should be furnished. Further Maximum content of So₃ in grey limestone is stated to be 7.61, which is on higher side than the earlier approved document of 1.31/ 1.69, needs clarification.
16. Details of process to consume more than 0.4%SO₃, Pyrite rich Limestone etc. as per approved document should be furnished in the interest of mineral conservation and optimum utilization of Limestone.
17. Clearly the litho units which are considered as pay zone for reserve estimation and with reason.
18. Phase wise exploration carried out in the lease area should have been furnished in tabular form incorporating no. of bore holes, year of drilling, total meterage, type of drilling (DTH/ Core), maximum and minimum depth etc. Further, details of all bore holes drilled so far should be submitted in tabular form incorporating Bore hole no., location (Lat/ Long), collar RL, Depth at which ore encountered/ exhausted from surface etc.. All the Meter wise analysis of bore holes logs should be submitted duly signed by the concerned Geologist under whose supervision the exploration was carried out.

19. Cost of exploration to be furnished with documentary evidence.
20. Please comment about compliance of rule 12(4) of MCDR 2017 to carry out exploration up to contact zone in G1 level in the lease area.
21. Please justify the reduction of total resources from 518 Million tones to 444 Million tonnes in present submission.
22. Reserves should be assessed in slice plan method also.
23. Parameters considered for estimation of reserves/ resources has not been detailed and computation done for assessment of the above is not furnished in the document. UPL considered should be furnished for clarity
24. Justification of UNFC codes furnished is 'general' in nature and is not 'site specific' to the lease, which needs to be clarified as per MEMC rule 2015 and submitted.

Mining

25. Each year wise production plan for 5 years to be submitted depicting start and end of benches face positions.
26. All the excavation/ production proposal should be furnished as per the prescribed format.

Conceptual plan:

27. Top soil generation be discussed along with it's status at the end of lease period.
28. Life of the mine should be assessed considering lease period, the reserves left out after that has to be brought under 331 category at present rate of production.
29. Conceptual plan prepared is sketchy, details of UPL, reclamation and rehabilitation activities at the end of lease period has not been furnished.

Progressive Mine Closure plan

30. Review of measures proposed in approved PMCP should be furnished.
31. Year wise breakup of closure activities needs to be detailed.
32. Area considered for computation of FA should be modified in view of comment at sl. No.36

Plans and sections

33. Surface plan is not in consonance with the lease sketch.
34. Agent/ Mines manager/ Surveyor/ persons appointed under rule 55 should sign the relevant plans and sections as per statute.
35. In all plans and sections, certification has to be given by the Mines manager/ Surveyor/ person employed under rule 55 of MCDR 2017 along with Qualified Person.
36. Surface plan submitted is not corroborated with actual field condition, Dumps/ roads / pits etc. on North- East & North-Western side of Pit no.2, Northern side of Pit No.1, are not marked.
37. Surface geological map incorporating features: i) Contacts of lithounits/rock types traced or inferred ii) strike and dip in adequate numbers. iii) Structural features such as joints, folds, faults iv) Delineation of mineralized/ore zones with definite demarcation.
38. Grid line furnished in the earlier approved document should also be furnished for easy reference.
39. Geological section should indicate distinctly Bench RLs, Lithology, bore hole details, UPL etc. Further, in addition to stating cement grade Limestone, low grade, high grade limestone, Geological terms should also be mentioned
40. In plans and Sections, UNFC codes should be indicated for easy reference.
41. Conceptual section: Number of sections at conceptual stage should be same as Geological sections.
42. Key plan should be submitted on Survey of India topo-sheet and the details as per the provision of rule 32(5) of MCDR,2017 should be incorporated.
43. Old grid lines should also be shown in plans for reference. Bottom bench is found water logged, the same should be indicated in surface plan.
44. Copy of experience certificate in respect of qualified person should be submitted
45. If due to aforesaid changes, the data in other chapter or plates changes, they may please be done accordingly and ensure the consistency of the data submitted in various chapters of the document.



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Room No.603, 6th Floor,
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Secunderabad – 500 080
Date: 22.11.2019.

To
Sri K.C.Jhanwar,
Nominated Owner,
M/s M/s Ultra Tech Cements Ltd,
A Wing,Ahura Center,
1st.Floor,Mahakali Caves Road,
Andheri (East),Mumbai-400 093.

Sub: Submission of Review of Mining Plan in respect of Thummalapenta Limestone mine of M/s Ultra Tech Cements Ltd over an extent of 844.939 hc. in Thummalapenta and Petnikota villages of Kolimigundla Mandal, Kurnool District of AP State submitted under Rule 17(2) of MCR, 2016.

Ref: 1.Your letter no. UTCL/APCW/TLM/19-20 dated 14.10.2019.
Sir,

With reference to your letter cited above on the subject, your draft Review of Mining plan is examined and the site inspection was carried out on 08.11.2019 by Shri Ibrahim Sharief, Sr.ACOM accompanied by Shri A.Jagan Mohan Reddy, Qualified Person , Shri Jayavelu, Asst. Vice President (Mines) and Shri Bhupendra .K ,General Manager(Mines). Please find enclosed with this letter scrutiny comments which is already been sent to you and your qualified person on email Id's i.e. jayavelu.ganesha@adityabirla.com and jagan.reddy@adityabirla.com.

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 Shri A.Jagan Mohan Reddy, Qualified person for information & necessary action.

(Shailendra Kumar)
Regional Controller of Mines

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