



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



Phone No. : (040)-27539992/2753993  
Fax No.(TF): (040)-27539991  
E-Mail : ro.hyderabad@ibm.gov.in  
AP/KNL/MP/Lst-129/Hyd.

Room No.603, 6<sup>th</sup> Floor,  
CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date: 05.10.2020.

To

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

Sub: Submission of Review of Mining Plan in respect of Thummalapenta Limestone mine- 3 of M/s Ultra Tech Cements Ltd over an extent of 90.52 ha. in Thummalapenta village of Kolimigundla Mandal, Kurnool District of AP State submitted under Rule 17(2) of MCR, 2016.

Ref: 1.Your letter no. UTCL/APCW/TLM3/20-21/363 dated 11.09.2020.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 01.10.2020 by Sri Madhu Sudhan Yadav, ACOM accompanied by Shri S.Srinivasan, Qualified Person, Shri Bhupendra Khorpia, Manager and Shri Jagan Mohan Reddy, Geologist The draft Review of Mining Plan has since been examined, and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e [jayavelu.ganesh@adityabirla.com](mailto:jayavelu.ganesh@adityabirla.com) and [srinivasan.s@adityabirla.com](mailto:srinivasan.s@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 (3Nos.). 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,

*Sharma*  
5/10/2020

(Shailendra Kumar)

Regional Controller of Mines

Copy to Shri S.Srinivasan, Qualified person for information & necessary action.

*Sharma*  
5/10/2020

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

खान नियंत्रक (द), भारतीय खान ब्यूरो, बंगलुरु।

*शैलेन्द्र*  
5/10/2020

(शैलेन्द्र कुमार)

क्षेत्रीय खान नियंत्रक

**Scrutiny comments on Review of Mining Plan of Tummalapenta Limestone Mine-3 of M/s. Ultratech Cements Ltd. over an area of 90.52 hectares in Tummalapenta village, Kolimigundla Mandal, Kurnool District, Andhra Pradesh.**

**General**

1. Lease deed execution copy shall be submitted.
2. Approved/proposed production of all the mining leases linked to the plant and their approved EC quantity shall be submitted.
3. Mine code be mentioned in the lessee details in page no.6.
4. The contact details like mobile number, email id of the Nominated Owner be mentioned in page no.6.
5. The coordinates between which lease area lies be submitted.
6. Legible copy of the location map shall be submitted in page no.11.
7. Color photographs should be enclosed in the document for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.

**Review of Mining plan**

8. Year wise proposed exploration and achievement shall be submitted correctly.
9. Proper justification for deviation in the proposed development, production and afforestation shall be submitted.

**Geology and Exploration**

10. Flaggy limestone litho unit is not established in the borehole intercepts whereas it is shown in the reserves and resources calculation. Clarify it.
11. The litho units established in the mining lease after exploration shall be submitted correctly in page no.19.
12. Average grade of the various types of limestone in the lithology units shall be submitted in page no.19.
13. Lithology wise limestone quantity and weighted average grade of total deposit shall be submitted.
14. Table containing section wise resources with average grade to be submitted.
15. The required quality of limestone for plant feed shall be submitted.
16. The mineral resource classification shall be submitted correctly in page no.25.
17. Date of estimation of Reserves and Resources shall be mentioned in page no.36.
18. The classification of reserves and resources with average grade shall be submitted correctly in page no.36.
19. The exploratory inputs need to be demarcated correctly in the geological plan and geological sections. The Geological plan and Geological cross section are not in corroboration with each other.
20. The resources/reserves should be re-estimated based on revised geological cross section.
21. Proposal to carry out exploration for the entire mineralized area be submitted.

**Mining**

22. The mine must achieve production capacity of 1.3 million tonnes/annum capped by MoEF in Environment Clearance within a time frame of 5 years from the mine opening/start. Therefore production proposal shall be submitted accordingly.
23. It is mentioned in page no. 38 that DGMS permission has been obtained for deployment of HEMM, whereas no permission letter is attached in the document submitted.
24. The proposed bench slope shall be submitted.
25. Year wise production details like number of benches proposed to work, location/co-ordinates, RL's of benches be discussed in chapter year wise tentative excavation chapter.

26. Year wise proposed bench wise production programme submitted as per below mentioned table.

| Year | Bench Nos. | RL | Direction | Limestone Measurements |       |        | Volume | ROM (m <sup>3</sup> ) | Tonnage | ROM (MT) |
|------|------------|----|-----------|------------------------|-------|--------|--------|-----------------------|---------|----------|
|      |            |    |           | Length                 | Width | Avg.ht |        |                       |         |          |
|      |            |    |           |                        |       |        |        |                       |         |          |

Similarly year wise quantity for generation of topsoil to be submitted.

27. Co-ordinates of the pit proposed to be worked in the plan period be submitted.
28. Limestone bench wise weighted average grade be submitted.
29. Specifications & details of the machineries like model, imported/exported, digging height etc., shall be submitted.
30. Proposed drilling and blasting techniques, blast geometry be submitted.
31. Explosive storage details and explosive consumption be submitted.
32. Machinery requirement calculation and extent of mechanisation be submitted.
33. Blast vibration monitoring details as per DGMS (A) & (B) standards be submitted.
34. Limestone consumption factor report shall be submitted.

### Conceptual plan

35. Life of the mine based on the proposed production/mine capacity be submitted correctly.
36. Proposed production of the plan period and area under mining be submitted.
37. Proposed excavation programme for the conceptual period in terms of area and quantity of limestone be submitted.
38. Ultimate pit limit, size of pit and depth of pit be submitted.
39. Area utilization, location and species to be planted shall be submitted for the conceptual period in page no. 43.
40. Sub grade and topsoil generation for the conceptual period be submitted.
41. In page no. 44 conceptual land use pattern for the plan period be submitted.

### Mine Drainage

42. Likely make of water quantity into the pit shall be submitted
43. Location of the sump proposal with co-ordinates and sump capacity shall be submitted.
44. Pumping capacity and arrangements for dewatering the sump shall be submitted.
45. Water quantity required for mining use, dust suppression, plantation etc., shall be submitted.
46. Hydrogeological study report, if any, shall be submitted.

### Stacking of Mineral Rejects/Sub grade material and disposal of waste

47. Dumps shown at the northeast corner of the lease area in the plan submitted, whereas no details of the dump mentioned in the text part.

### Processing of ROM and Mineral reject

48. Location of the crusher be mentioned in the text part and to be marked on the relevant plan.

### Others

49. The location of the list of site services be submitted and also to be marked in the plans.
50. Deployment of surveyor as per statute is not mentioned in the employment potential.

**Progressive Mine Closure Plan:**

51. Year wise protective measures for reclamation and rehabilitation works for the plan period be submitted.
52. Proposed location of the garland drain to be mentioned in text and marked on the relevant plan.
53. Area put to use for mine roads is not mentioned in the land use details table in page no.80.

**Plans and Sections:**

54. As per Rule 34 of MCDR, every plan, section or part thereof under these rules shall carry thereon a certificate for its correctness and shall be signed by the Mining engineer with date. Provided that the geological plans and sections shall be certified and signed by the geologist employed under rule 55.
55. The geological features shall be shown only in the lease area in the geological plan.
56. The section lines shall be mentioned correctly in the plans and sections.
57. Conceptual plan shall be re-submitted showing conceptual size of the pit, afforestation, land use pattern at the end of this 5 year period and at the end of lease period.