



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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Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date: 27.01.2021.

To

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

Sub: Submission of draft Modified Mining Plan in respect of Thummalapenta Limestone mine of M/s Ultra Tech Cements Ltd over an extent of 114.372 ha. in Thummalapenta village of Kolimigundla Mandal, Kurnool District of Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Ref: .Your letter no. UTCL/APCW/TLM2/20-21 dated 20.01.2021.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 31.12.2020 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 Modified 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 nooguri.keshav@adityabirla.com and info@bsenvitech.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.) 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,

Shivar
27/1/21

(Shailendra Kumar)

Regional Controller of Mines

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

Shivar
27/1/21

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

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

शैलेन्द्र
27/1/21

(शैलेन्द्र कुमार)

क्षेत्रीय खान नियंत्रक

Scrutiny comments on Modified Mining Plan of Tummalapenta Limestone Mine-2 of M/s. Ultratech Cements Ltd. over an area of 114.372 hectares in Tummalapenta village, Kolimigundla Mandal, Kurnool District, Andhra Pradesh.

General

1. Mine code and lease period shall be mentioned in the cover page.
2. Village name shall be submitted correctly in the cover page.
3. Consent letter/undertaking/certification by the applicant shall be on Company's original letter head duly signed with date.
4. Approved and proposed production of all the mining leases linked to the plant and their approved EC quantity shall be submitted.
5. In page no.3 the CFE & EC validity details shall be submitted correctly.
6. The contact details like mobile number, email id of the Nominated Owner be mentioned in page no.8.
7. Limestone consumption factor report shall be submitted for line-1 and line-2, accordingly the limestone requirement shall be submitted.
8. 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.
9. Status of implementation of CCOM Circular no. 2/2010 to be submitted.
10. Clarification is sought in the form of affidavit clearly stating that no issues related to illegal mining, royalty payment, safety & environment of general public, public interest litigation and court case.
11. Reason for modification in the approved mining plan be submitted with due justification.

Review of Mining plan

12. Details of the proposed exploration shall be submitted correctly in page no.15.
13. During inspection it has been found that some slab quarry pits and scattered dumps were present in the lease area and it has been made to understand that it has done by the local people. Proper reasoning/reply in this regard shall be furnished.
14. Proper justification for deviation in the proposed development, production and afforestation shall be submitted.
15. Review of environmental parameter (Air, water, noise) be submitted.
16. The dump material of 10000Te in 2018-19 and 35000 Te in 2019-20 was consumed for cement plant, whereas it is reported as production the annual returns.
17. Status of compliance of violations pointed out by IBM shall be submitted.

Geology and Exploration

18. Detailed description of the geological succession and disposition of all litho-units shall be submitted.
19. Levels of exploration (G1&G2) carried out and its area shall be discussed in the exploration chapter and to be clearly shown over Surface Geological Plan.
20. Exploration shall be proposed and carried out for the entire mineralized area and till the contact zone under the mining lease.
21. Area explored under different level of exploration may be marked on the geological plan and UNFC code for area considered for different categories of reserve/resources estimation may also be marked on geological cross sections.
22. The required quality of limestone for plant feed shall be submitted.
23. The summary of the blocked up resources as per UNFC code shall be submitted.
24. Detailed section wise calculation/estimation of updated Reserves and Resources to be submitted.
25. The classification of Reserves and Resources with average grade of Cao, MgO & SiO₂ shall be submitted.

26. For estimation of Reserves and Resources, whether the area of active and abandoned slab quarries considered or not. Clarify it.
27. The quantity and quality of the slab quarry waste lying in the lease area to be submitted.
28. The waste material generated from the slab quarries are dumped in the lease area.
29. Reserves and resources to be estimated as per MEMC rules,2015.
30. Feasibility study report along with financial analysis for economic viability of the deposit as specified under the MEMC rules, 2015 field guidelines shall be submitted.

Mining

31. During field inspection it was observed that working is being carried out in slab quarry pits within the lease area and the waste material are being dumped in the lease area. Clarify it.
32. Production of 10000 Te in 2018-19 and 35000 Te in 2019-20 of limestone was reported whereas during inspection it was reported that no excavation is carried out by the lessee for extraction of limestone. Clarify it.
33. It is mentioned that the slab quarry waste dump material in the lease area will be utilised for cement plant. The quality of the waste material is not assessed. Quality assessment for cement plant consumption to be submitted with scientific study/evidence.
34. Proposed method of mining and design parameters along with pit layout shall be submitted.
35. Proposal for ground preparation to open the mining pit shall be submitted.
36. Proposal for insitu excavation, development and production shall be submitted.
37. Yearwise development and production plan showing pit layouts, dumps, stacks of waste shall be submitted.
38. Calculations for HEMM requirement and list of machinery with specifications to be deployed shall be furnished considering the insitu and dump mining.
39. Proposed drilling and blasting techniques shall be submitted shall be submitted.
40. Blast vibration study may be proposed for maintaining the safe charge/delay to protect damage of structures/buildings.

Conceptual plan

41. Annual production capacity for which the mine is planned and designed to be mentioned explicitly. The time schedule by which the mine will attain its rated capacity has to be submitted.
42. Conceptual plan to be prepared for the entire lease area showing UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and rehabilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of this 5 year period and at the end of the lease period.
43. Area utilization, location and species to be planted shall be submitted for the conceptual period.

Mine Drainage

44. Quantity of water likely to be evacuated from the pit, pumping arrangements and its utilisation proposal to be submitted.
45. Location of the sump proposal with co-ordinates and sump capacity holding the water encountered into the pit shall be submitted.
46. Hydrogeological study shall be carried out by authorised agency or government institution, a commitment should be made in this regard.

Stacking of Mineral Reject/Sub-grade material and waste disposal

47. Top soil, OB/waste and mineral rejects generated during the plan period and till the end of the mine life shall be submitted.
48. Utilisation of topsoil during the plan period and till the mine life shall be submitted.
49. Topsoil and OB/waste dump proposal with co-ordinates shall be submitted.
50. Manner of disposal of waste and protective measures of the dumps shall be submitted.

Processing of ROM and Mineral reject

51. Schematic diagram of flow sheet/ material balance chart should be submitted for easy reference.

Others

52. The location of the list of site services be submitted and also to be marked in the plans.
53. Deployment of surveyor as per statute to be mentioned in the employment potential.

Progressive Mine Closure Plan:

54. During field inspection, human settlements were found within the lease area and the same were not depicted in the plan and not properly discussed in page no.67.
55. Environment baseline information should be furnished.
56. Monitoring stations in Core / buffer zone should be furnished and proposal for carrying out environmental monitoring shall be submitted
57. Top soil management shall be mentioned correctly in page no.86.
58. Year wise protective measures for reclamation and rehabilitation works for the plan period be submitted as per the table mentioned in IBM manual of appraisal 2014.
59. Proposed year and location of the garland drain to be mentioned in text and marked on the relevant plan.
60. Revised plantation proposal shall be submitted.
61. Financial assurance plan should be submitted on the basis of updated surface plan and area put to use for mining, allied activities and in view of above comments.

Plans and Sections:

62. The plans and sections shall be prepared based on the basis lease map authenticated by the State Govt.
63. Surface plan is not updated and last survey carried out was not mentioned. Hence old slab quarry dump material in the lease was not assessed properly. Updated plans and sections should be submitted.
64. Cadastral map showing possession and non-possession land shall be submitted.
65. In surface plan, lease boundary of the lease should be depicted properly (in bold line) for easy reference, co-ordinates of ground control points are not furnished and not depicted in plan. Surface features are not properly depicted, there create confusion to identify the features.
66. Boundary pillars to be mentioned in the plans submitted.
67. Key plan shall be furnished as per the provision of rule 32 (5) (a) of MCDR 2017.
68. Environment plan shall be furnished as per the provision of rule 32(5)(b) of MCDR 2017.
69. In the geological section the UNFC code of the area to be mentioned.
70. All the features in the plans and sections shall be mentioned correctly in the index.
71. 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.
72. 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.
73. Proposals shall be submitted in .kml or.shp files in the form of soft copies.

