



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)- 29553603/29554603
E-Mail : ro.hyderabad@ibm.gov.in
No.659(563)Lst/2007/Hyd.

Room No.603, 6th Floor,
CGO Towers, Kavadiyuda,
Secunderabad-500080
Date:27.05.2022.

To

Sri T.Venkatesan, Nominated owner,
M/s Dalmia Cement (Bharat) Ltd.,
Rajendra (4th Floor),
2nd Street, Abhiramapuram,
Chennai-600018,
Tamilnadu State.

Sub: Submission of draft Modified Mining Plan in respect of Nawabpet- Talamanchipatnam Limestone Mine of M/s Dalmia Cement (Bharat) Ltd. over an area of 407.05 Ha. in Nawabpet, Talamanchipatnam Villages, Mylavaram Mandal, YSR Kadapa, District, Andhra Pradesh State submitted under Rule 17(3) of MCR 2016.

Ref: Your Email dated 09.05.2022.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 25.05.2022 by Sri Ramkishan Ravula,DCOM, accompanied by Sri M.Pratap Reddy, Qualified Person and Sri K.V.Suresh Reddy, Mines Manager. The draft Modified Mining Plan has been examined and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., t.venkatesan@dalmiacement.com & reddypratap1959@gmail.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 (4Nos.) In this regard, you are also advised to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Five 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,

Shilendra Kumar
27/5/22

(Shailendra Kumar)

Regional Controller of Mines

Copy to Shri M.Pratap Reddy, Qualified Person - for information & necessary action.

Shilendra Kumar
27/5/22

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

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

Shilendra Kumar
27/5/22

(शैलेंद्र कुमार)

क्षेत्रीय खान नियंत्रक

Scrutiny comments on Modification of Mining Plan including PMCP in respect of Nawabpet-Talamanchipatnam Limestone Mine of M/s Dalmia Cement (Bharat) Limited.

PART-A

CHAPTER-1: GENERAL INFORMATION

1. The document should be prepared as per the mining plan template format provided in CCOM circular No.01/2021 dated 07.06.2021. No alteration/deletion/change in format of the mining plan template is allowed. Any additional information may be submitted as annexure only if required.
2. The document should be printed in A4 size portrait format.
3. Under para 1.1.1 the lease registration details should be furnished.
4. Under para 1.1.2 the reasons for modification should be elaborate.
5. The final soft copy of the document should be digitally signed by QPs and Nominated Owner.
6. Under para 1.3.5.1 the DGPS coordinates furnished in DD:MM:SS.SS format. Also the corresponding UTM coordinates along with DD:MM:SS.SS format of the coordinates should be enclosed as annexure.
7. Under para 1.3.4.4 the land acquisition details furnished should be rechecked with enclosing the authenticated supporting document as annexure.
8. List of plates and annexures should be properly indexed with page nos. and in case of plates the scale should also be mentioned.

CHAPTER-2: GEOLOGY AND EXPLORATION:

9. Under para 2.1.4.7 and 2.1.4.8 the details regarding orebody geometry, viz., strike, amount of dip ore body and direction needs to be rectified properly. The dip of the orebody wherever mentioned in the text needs to be reviewed and rectified properly.
10. Under para 2.2.1.13 the details regarding the no of samples, bulk density established, etc., needs to be furnished as per the prescribed format in the template. The same should be furnished for waste rock also. Method adopted for calculating bulk density of ore and waste as per MEMC, 2015 & SOP of CGPB should be furnished. Test report carried out in NABL accredited lab should be enclosed.
11. Under para 2.2.1.10 & 2.2.2.10 the details regarding the sample ID, radical with grade(%), name of the agency, type of agency should be furnished.
12. Under para 2.2.1.14 & 2.2.2.14 regarding exploration level & non-mineralised area details should be rechecked, Accordingly changes should be made in the relevant plans and sections also in reserves/resource estimation.
13. The soft copy in excel sheet should also be submitted along with document for the information like Chemical analysis of core /non core samples may be uploaded in CSV file which shall normally include Five files namely collar file, survey file and Geology log file, Assay file and RQD File.
14. Under para 2.2.4.1 the methodology adopted for Reserves/resource estimation the threshold value prescribed by IBM and cut off grade in terms of Cao%, Mgo% etc., should be furnished. Recovery considered should be supported with proper justification of documentary evidence.
15. While estimating reserves/resources the nallah/stream, roads, and safety zone barriers should be considered for blocked resources. The UPL should be redrawn up to the safety zone barrier of 7.5m of ML boundary.
16. Under para 2.2.4.11 the name of radicals should be furnished for Cao% and Mgo%.

CHAPTER-3: MINERAL PROCESSING

17. Information should be furnished under para 3.2 with all the radicals and the sample details and chemical analysis report.
18. Screening details under para 3.5.1 should be furnished.

CHAPTER-4: MINING OPERATIONS

19. Under para 4.2.1.2 & 4.7.3 the details furnished regarding the dumps and stacks should be rechecked and rectified.

20. Under para 4.2.2, the bench height & width parameters should be proposed as per the permission given by DGMS under Regulation 106 of MMR, 1961. Rectify the same wherever applicable the in text as well as plates.
21. OB quantity furnished under para 4.2.2.2 and 4.3.2 are not matching. Recheck and rectify the same.
22. Bucket capacity of excavator and the total maximum handling quantity considered in a year furnished under para 4.4.2 should be rechecked.
23. Under para 4.3.1 relevant study report should be enclosed as annexure. Recheck and rectify the same.
24. No. of persons engaged per day Under para 4.6.7 furnished should be rechecked and rectified.
25. Under para 4.9 physical specification in size and also chemical specifications in different chemical analysis radicals of the limestone should be furnished.
26. It is observed during the inspection that solar panels installation works are proposed to be on mineralized area. An undertaking by lessee should be submitted that at conceptual stage it should be removed for complete mineral extraction if the area proposed coming under within UPL.

CHAPTER-5: SUSTAINABLE MINING:

27. Also the year wise proposals from para 5.2.1.1 to 5.3 should be furnished.

CHAPTER-6: PROGRESSIVE MINE CLOSURE PLAN

28. The details furnished under para 6.2.1 should be reviewed and corrected.
29. Estimated expenditure wherever asked in the proposed PMCP measures should be furnished.
30. Any area of the lease, proposed for backfilling must attain its ultimate pit limit. So accordingly development proposal should be given at mining chapter for full extraction of mineral. Necessary changes should be carried out at relevant places of text and plates
31. Under para 6.2.11 land use data furnished should be rechecked and rectified considering the end of lease period not the life of the mine.

CHAPTER-7: FINANCIAL ASSURANCE/PERFORMANCE SECURITY

32. Under para 7.1 the details furnished in the table should be rechecked and rectified. The area degraded due to mining and allied activity to be considered in FA calculation, relevant rules of MCDR, 2017 (as amended upto 03.11.2021) should be quoted under FA amount calculation. FA should be submitted.

CHAPTER-8: REVIEW OF PREVIOUS PROPOSALS

33. Wherever the deviations are observed regarding the proposals vs actual achievements the reasons for deviation should be furnished.

PART-B

ANNEXURES

34. Environmental monitoring reports of last one year should be submitted.
35. Certificate surveyor should be enclosed.

PART-C

PLANS AND SECTIONS

36. Magnetic Meridian and date of observation should be given on all relevant plans. Date of survey should be given on all plans and sections and signature should bear the date of signature. All plans and sections should be signed with date by certified Surveyor, Qualified Person, Mine Manager, Mining Engineer and Mining Geologist as per provisions of MCDR, 2017 and MMR, 1961. All plans & sections prepared should follow the conventions mentioned under MMR 1961. All plans and sections shall show a scale a scale of the plan at least twenty five centimeters long and suitably subdivided.
37. All the plans should be submitted as hard copies and also soft copy of all plans in KML/KMZ/SHP along with autocad drawings files should also be submitted which were geo-referenced. Development plans and sections should be submitted on a scale of 1:2000 or 1:1000 by clearly demarcating the proposed block on surface plan.
38. DGPS plan and lease cadastral plan should be submitted.

39. **Key Plan:** The key plan should incorporate all features as mentioned Rule 32 5 (a) of MCDR 2017. The prominent wind direction to be shown by rose diagram in key plan and other relevant plans. The approach road to the lease area should be shown with Co-ordinates of extremity of lease area.
40. **Surface Plan:** All the boundary pillar coordinates to be given in DD:MM:SS.SS and in UTM. All the infrastructure as discussed during the field inspection should be shown on the plan. Surface right area to be shown on the plan with different type of land schedules. Common boundary with other lessees if any should be shown on the plan. The nallah/stream shown on surface plan should be rechecked for its alignment. The Surface Plan should be prepared to satisfy the provision as laid down rule 32 (1) (a) of MCDR'2017.
41. **Geological Plan & Section:** (i) Geological information to be highlighted in geological plan and section. All drilled BH, quarries and trial pits to be shown with red color and BH nomenclature with black color.(ii) UPL should be shown in red colour in Geological Plan and sections. The sections should be prepared on the same scale as prepared for plan.. The Geological Plan should be prepared to satisfy the provision as laid down rule 32 (1) (b), (c) and (d) of MCDR'2017.
42. **Development plan & Section:** (i) present pit profile configuration with UPL to be shown with red color and proposed development of each year with some other color. All development section to be submitted for which development is proposed. (ii) The proposed and existing bench mRL to be shown clearly over year wise development plan and sections. (iii) Geological information to be furnished on development plan and sections like litho units. iv) Year wise mining plan proposals should be submitted in softy copy in the format of .kml or .shp file along with document. Need to do necessary corrections.
43. **Conceptual plan and sections:** Conceptual plan & Sections should be considering the end of lease period only.
44. **Reclamation plan & Section:** reclamation sections across and along the proposed backfilling area should be submitted. the area proposed for backfilling should be clearly demarcated with showing litho, benches positions etc.,
45. **Environment plan:** The Environment Plan as prepared should be satisfy the provision as laid down rule 32 (5) (b) of MCDR'2017. Wind rose diagram should be depicted.
46. **Financial Assurance Area Plan:** The different color coding should be used for existing and proposed land use during FMCP. FA table should be as per the format provided in Manual.

(Ramkishan R)
Deputy Controller of Mines