



भारत सरकार / GOVERNMENT OF INDIA

E-mail

खान मंत्रालय / MINISTRY OF MINES

भारतीय खान ब्यूरो / INDIAN BUREAU OF MINES

गुवाहाटी क्षेत्रीय कार्यालय / GUWAHATI REGIONAL OFFICE

क्षेत्रीय खान नियंत्रक का कार्यालय / OFFICE OF THE REGIONAL CONTROLLER OF MINES

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Chandmari, Post – Bamunimaidan, Dist –  
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No.IBM/GHY/MEG/EJH/LST/MP-84

Date: 28.2.2020

To,  
Sri Venkatesan Tyagrajan (Nominated Owner)  
M/s Dalmia Cement Bharat Ltd.  
Vill. Thangskai, P.O-Luhmsnong, East Jaintia Hills Dist.  
Meghalaya – 793210, Email: [t.venkatesan@dalmiacement.com](mailto:t.venkatesan@dalmiacement.com)

Sub: Scrutiny Comments on the submitted draft on Modification proposed in the approved Mining Plan along with Progressive Mine Closure Plan in respect of Umsoo Mootang Block-V over an area of 128.52 Hectares in Thangskai Village, East Jaintia Hills district of Meghalaya State, of M/s. Dalmia Cement Bharat Limited, submitted under Rule 17(3) of MCR 2016.

Ref: Your letter no. DCBL/MINES/2019-20/207 dtd. 27.1.2020

Sir,


Please refer to your letter on the subject cited above, the submitted draft on Modification proposed in the approved Mining Plan along with Progressive Mine Closure Plan in respect of Umsoo Mootang Block-V over an area of 128.52 Hectares in Thangskai Village, East Jaintia Hills district of Meghalaya State, of M/s. Dalmia Cement Bharat Limited, submitted under Rule 17(3) of MCR 2016, has been examined in this office on the basis of the site inspection done on 20<sup>th</sup> & 21<sup>st</sup> of February 2020 by Sri Vikas Kumar, ACOM..

The scrutiny comments made on the submitted draft on Modification proposed in the approved Mining Plan along with Progressive Mine Closure Plan, are enclosed herewith as **Annexure-I**. In this regard you are advised to rectify the deficiencies and submit **final three hard bound copies of text & plans** along with the softcopy in **two DVD's** to this office within **15 (Fifteen)** days from the date of issue of this letter for further necessary action. Invariably the softcopy of the text & plans shall also to be sent to our e-mail id: [ro.guwahati@ibm.gov.in](mailto:ro.guwahati@ibm.gov.in). The text shall be in MS word format and plans in Auto CAD and JPG format.


The para- wise clarification indicating the manner in which the deficiencies have been attended should invariably be given while submitting the Modifications proposed in the approved Mining Plan along with Progressive Mine Closure Plan. No further extension of time in this regard will be entertained and the document will be considered for rejection if not submitted within the above due date and deficiencies not attended properly.

Encl: As above.

Yours faithfully,

  
(P. K. Bhattacharjee)  
Regional Controller of Mines

Copy to: (1) The Controller of Mines (EZ), Indian Bureau of Mines, Kolkata – for kind information.  
(2) Sri. Sanjay Kumar, QP. email- [kumar.sanjay@dalmiacement.com](mailto:kumar.sanjay@dalmiacement.com) – for further necessary action.

  
(P. K. Bhattacharjee)  
Regional Controller of Mines

Scrutiny Comments on Draft Modification in Mining Plan with Progressive Mine Closure Plan of Umsoo Mootang Limestone Mine(DCBL) Block-V over an area of 128.52 Ha.(Forest Area) in village Thangskai, P.O Lumhsnong, Distt- East Jaintia Hills of Meghalaya State of M/s. Dalmia Cement (Bharat) Limited, prepared by Sri Sanjay Kumar (Qualified Person) under Rule 17(3) of MCR 2016 & 23 of MCDR 2017.  
Inspected By: Vikas Kumar (ACOM)  
Date of Inspection: - 20-02-2020 to 21-02-2020

## **TEXT**

### **Introduction**

1. All the chapters shall start with a fresh new page.
2. In the introduction chapter a brief history of the mining lease to be given depicting all the statutory clearances/ court cases (if any) etc. with documentary evidence as on date in chronological order and in a tabular format.
3. Details of action taken by lessee on State Govt. letter dated 21-02-2018 on substantial difference in MDPA and production as per the last approved plan to be given with supporting documents in the introduction chapter.
4. Lease period of the mine shall be clearly depicted on the cover page as well as at all relevant pages of the document
5. Mine code furnished in the cover page of the document is not correct. Mine code needs to be corrected accordingly.
6. Different dates for mining lease expiry have been cited at different locations of the document. The lease expiry date to be checked and corrected.
7. Consent letter in original copy from Nominated Owner to be enclosed.
8. Refer 5.6, Part –V, the period/ year cited in the third row is not correct. Needs to be corrected accordingly.
9. Justification/reasons for modification of approved Mining Plan may be clearly furnished.
10. The reason for deviations from the approved proposal may be clearly explained.

### **Geology**

11. Refer column 6.3, name of the prospecting agency to be checked and corrected and the format shall be completely filled, depending upon the period of prospecting. Supporting documentation substantiating the expenditure incurred to be enclosed.
12. Details of boreholes provided in Table-1 are misleading with respect to the collar level & depth. This may be checked and corrected.
13. The section wise and level wise calculation sheet to arrive at the resource and reserve quantities to be furnished either in text or enclosed at Annexure duly supported with relevant plans & sections. Assessment of the resources/ reserves has to be carried out as per the extant provision given in 'Mineral (Evidence of Mineral Contents) Rules 2015' with proper UNFC codes
14. Details of sample analysis from Govt. accredited laboratories (10% of the samples) shall be submitted with the document.
15. Proposal for exploration of the entire mining lease area under G-1 category as per the provision of rule12 (3) of MCDR-2017 should be given.
16. Briefly indicate the proposal for compliance of Rule-63 of MCDR-2017 with regard to preservation of Cores etc.
17. Details of the calculation of the blocked resource along with the remaining resources shall be given in the document duly supported with relevant plans & sections.

### **Mining**

18. Waste dumping was not carried out as per the approved plan for which violation was issued from this office. (Refer Violation letter no. IBM/GHY/MEG/JNHLST-14 dated 23-12-2019). You have informed that it has been stacked temporarily. You are advised to shift the dump to a non-mineralized location within the lease within a definite timeframe. No waste dumping is permitted over the mineralized body.

19. Stock of sub grade/ low grade material has been seen close to the above waste dump. A table shall be enclosed indicating the quantity of sub grade stock alongwith a time bound proposal of its consumption.
20. Machinery capacity and make (Indigenous/ Exported) to be mentioned within the document for all machinery being used or is planned to be used in the mine.
21. The proposal given for 2019-20 is not accepted as already 11 months have passed. Only proposal for 2020-21 needs to be given.
22. For the year 2020-21, the production envisaged is for 1519585 tons whereas the minimum production requirement as per MDPA is 945000 tons. The tentative production proposal shall be very close to MDPA production proposal. Alternatively, production proposed in MDPA shall be enhanced & the revised MDPA signed with the State to be enclosed.
23. Backup calculation details for the proposed production to be given with the document.
24. Refer 7.3; floor mRL proposed during plan period is different as mentioned at 7.17.
25. Bench wise production details are not matching with the proposal submitted for 2019-20.
26. Life of mine to be calculated on the residual reserves. The same shall be updated accordingly after attending the scrutiny cited at sl.no. 13.
27. Refer 7.24 and 7.18, waste generation figures are contradictory. This may be corrected in the document.

#### **Other Technical Parameter**

28. Top soil generation & its management figures to be furnished clearly in the document. The cited table 10.2 has not been provided.
29. Measures for predicting the stability of the dump either conventional monitoring system or real time shall be proposed & ensured.

#### **Progressive Mine Closure Plan**

30. Sample vibration monitoring data to be enclosed in the document as annexure.
31. Risk Assessment chart as per DGMS standard (Severity and Likelihood) and plan to mitigate the same shall be included in the document.
32. An emergency preparedness plan duly approved by the management of the mine/ competent authority to be enclosed.
33. Refer 14.3.10 of the submitted document; a brief detail of the expenditure incurred in the implementation of PCMP proposals and environmental monitoring should be given with supporting documentary evidence.
34. A table shall be given stating the location of all AAQ monitoring station within the core/ buffer zone of the ML.

#### **PLATES:**

35. All print copy of digitally prepared plans, sections shall be suitably indexed.
36. Preparation of plan shall be done as per rule 34 of MCDR-2017.
37. Name of Surveyor, Mining engineer and qualified person with their respective signatures should be there in following plans: a) Key Plan b) Surface Plan c) Environmental Plan d) Financial Area Assurance Plan.
38. The geological plan & section shall be signed by the Geologist.
39. Invariable all the pages of the text, plates & annexure shall be signed by the QP.

#### **Key plan:**

40. Key plan shall be prepared strictly as per the extant provisions specified under rule 32(5) (a) of MCDR 2017. Contour shown in the document shall be corrected accordingly.

#### **Authenticated lease Map**

41. As per CCOM circular No 2/2010, a geo-referenced lease map authenticated by the competent authority needs to be submitted with the document.

