



भारत सरकार / GOVERNMENT OF INDIA

खान मंत्रालय / MINISTRY OF MINES

E-mail

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

दूरभाष सं. : / फॅक्स सं.: 0361 2656184,

Tel/Fax – 0361-2656184

E-mail – ro.guwahati@ibm.gov.in

House No. 216, 3rd Floor, Above IDBI Bank
Chandmari, Post – Bamunimaidan, Dist –
Kamrup (M), Guwahati, Assam-781021

No.IBM/GHY/MEG/EJNH/LST/MP-91

Date: 09/09/2019

To,

Sri Uppalapati Ramachandra Raju, (Nominated Owner)

M/s. Cosmos Cements Limited,

11th & 12th Floors, Hansalaya Building,

15, Barakhamba Road, New Delhi-110001

E-mail: ur.raju@dalmiabharat.com

Sub: Scrutiny Comments on the submitted draft Modification of Approved Mining Plan along with Progressive Mine Closure Plan in respect of Sutnga Limestone Mine over an area of 230.00 Hectares in Salang village, Khliehriat taluka, East Jaintia Hills district of Meghalaya State, of M/s. Cosmos Cements Limited, submitted under Rule 17 (3) of MCR 2016.

Ref: Your letter no. Nil, dtd. 12/8/2019.

Sir,

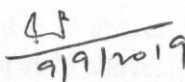
Please refer to your letter on the subject cited above, the submitted draft Modification of Approved Mining Plan along with Progressive Mine Closure Plan in respect of Sutnga Limestone Mine over an area of 230.00 Hectares in Salang village, Khliehriat taluka, East Jaintia Hills district of Meghalaya State under Rule 17 (3) of MCR 2016, has been examined in this office on the basis of the site inspection done on 11th May 2019 by Sri S. K. Mohapatra, Senior Mining Geologist.

The scrutiny comments made on the submitted Modification of 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. 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 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.

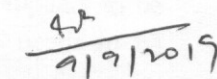
Encl: As above.

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) Dr. R.K. Trivedi, Qualified Person, 11th & 12th Floors Hansalaya Building, 15, Barakhamba Road, New Delhi-110001. Email- trivedi.rajendra@dalmiacement.com



(P. K. Bhattacharjee)
Regional Controller of Mines

Scrutiny Comments on Draft Modification in Approved Mining Plan with Progressive Mine Closure Plan of Sutunga Limestone Mine over an area of 230 Ha. in Sutunga Elaka, Dist- East Jaintia Hills, Meghalaya of M/s. Cosmos Cements Limited, prepared by Dr. Sri R. K. Trivedi (Qualified Person) & submitted under Rule 17(3) of MCR 2016 & 23 of MCDR 2017.

Inspected By: S. K. Mohapatra (SMG)

Date of Inspection: - 11.5.2019

TEXT

- 1.0 In the introduction chapter a brief history of the mining lease is 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.
- 2.0 At para 3.4, the period of lease shall be exactly as per the deed executed or any order passed by the State Govt. (enclosing the documentary proof of evidence).
- 3.0 An undertaking to be enclosed by the lessee that all boundary pillars have been erected as per the exact geo co-ordinates mentioned in the authenticated lease map of the State Govt. Moreover, photograph of all the boundary pillars (A to H) to be enclosed.
- 4.0 The lease has been executed for mining of limestone & shale and the plan too has been submitted for mining of limestone. Any other mineral identified within the ML must be immediately reported to the state govt. as per rules. An undertaking to this effect from the nominated owner of the mine needs to be enclosed.
- 5.0 A copy of any order issued by the state govt. w.r.t reported mining of carbonaceous materials within the ML area as observed during the site inspection needs to be enclosed.
- 6.0 At para 5.19, the details of the lapsing order issued by the State Govt. may be stated.
- 7.0 At para 6.4.1 (page 22) invoices of only 3 Nos. of boreholes have been enclosed. The invoices of all the balance stated 10 No. of boreholes also needs to be enclosed.
- 8.0 At para 6.4.2 borehole number needs to furnish at the respective column.
- 9.0 At para 6.4.3, copy of the NABL certificate i.r.o the testing laboratory needs to be enclosed.
- 10.0 A village road is passing in N-S direction within the lease area towards Lailad village. Safety barrier all along the road needs to be maintained and calculation of resource and reserve needs to be reassessed accordingly. Further the details of the backup calculation for the stated resources & reserves at para 6.5.8 needs to be enclosed properly duly supported with plans & sections.
- 11.0 At para 6.6, the geo co-ordinates of the proposed boreholes (in WGS datum) shall also be given along-with the UTM co-ordinates.
- 12.0 At para 7.2.1, the details of the backup calculation for the year-wise development & production needs to be enclosed properly supported with plans & sections.
- 13.0 At para 7.4, the annual ROM & waste removal quantities proposed is not matching with the development & production proposal as stated at 7.2.1. The calculation sheet of the machinery requirement needs to be re-checked & rectified.
- 14.0 At para 7.5, the list of machinery may be updated in light of the comments stated at 13 above.
- 15.0 At para 7.7, the calculation sheet may be updated in light of the comments stated at 13 above.
- 16.0 In environment Plan, 2 no. of magazines have been shown whereas the same is missing in the surface plan. The surface plan needs to be updated with all ground features. Details of the magazine license needs to be furnished at para 7.11 and a copy of the same needs to be annexed.
- 17.0 At para 7.18, the chapter needs to be updated in light of the comments stated at 13 above.
- 18.0 At para 7.23, the production & development plan proposed beyond 2021-26 appears to be hypothetical with a fixed quantum of waste/ top soil generation. The same needs to be rectified.

- 19.0 At para 7.25, the lease has been accorded for mining of limestone & shale; whereas shale is written as waste. The same needs to be clarified.
- 20.0 At para 12.7, permission for tapping surface water/ ground water from the competent authority may be enclosed.
- 21.0 Para 6 of part-B may be reviewed and rectified.
- 22.0 Annexure-16 may be updated in light of all the comments furnished above.
- 23.0 At para 14.3.8, a time bound program must be given for safety of the persons around the old deep pits with role & responsibilities of the safety personnel's indicating their name, contact no. & e-mail id. An undertaking to this effect from the nominated owner of the mine must be enclosed.
- 24.0 The figure on area occupied under existing mining workings has been given in the FA table. The same may be clarified whether such workings have been carried out by the lessee. If not an undertaking to this effect may be given by the lessee.

PLATES & ANNEXURE

- 1.0 All the drawings need to be signed by the QP.
- 2.0 The key plan, surface plan, surface geological plan, environment plan & financial assurance plan needs to be signed by the surveyor and a copy of the surveyor certificate needs to be enclosed.
- 3.0 The geological plan & sections along-with the borehole logs also needs to be signed by the geologist of the mine.
- 4.0 The surface plan also needs to be signed by the mining engineer.
- 5.0 Key plan: The key plan shall be submitted as per the extant provisions of rule 32(5)(a) of MCDR 2017.
- 6.0 Surface geological plan:
 - 6.1 The dimension of all the old stocks must be stated in the drawings (area x ht.) in meters.
 - 6.2 In environment Plans, 2 no. of magazines have been shown whereas the same is missing in the surface geological plan. The surface geological plan needs to be updated with all existing ground along with geological features.
- 7.0 Geological section:
 - 7.1 The UNFC categorisation of reserves/ resources has not been shown in the geol. sections. Atleast one longitudinal section also needs to be shown.
- 8.0 Development. Plan (2019-20 & 2020-21):
 - 8.1 The proposal shown in the development plan is not clear. Development proposal needs to be shown in prominent and distinguishable colour codes.
 - 8.2 A separate plan for the proposed working area may be shown in a scale of 1: 1000 with its boundary clearly reflected in the above plan.
- 9.0 Conceptual plan:
 - 9.1 The conceptual pit does not shown the ultimate pit benches. The left out area is still shown under G3 category. The ultimate pit shall be clearly shown based on the surface geological plan along-with the sections. The ultimate pit profile also needs to be clearly indicated in a longitudinal section.
- 10.0 Environment plan: The environment plan shall be submitted as per the extant provisions of rule 32(5)(b) of MCDR 2017.

