



भारत सरकार / GOVERNMENT OF INDIA

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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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No.IBM/GHY/MEG/EJH/LST/MP-88

Date: 24.9.2018

To,
Shri. D.Bansal, Power of Attorney Holder
M/s Star Cement Ltd., Village-Luhmsnong, P.O-Khliehriat
Dist. Jaintia Hills, Meghalaya State, PIN-793210
e-mail : dbansal@starcement.co.in

Sub: Scrutiny Comments on the submitted draft for Mining Plan along with Progressive Mine Closure Plan in respect of Brishyrnot Limestone Deposit - I over an area of 42.051 hectares in Jaintia Hills District of Meghalaya State, submitted under Rule 16(1) of MCR 2016.

Ref: Letter dtd. 5.9.2018 from M/s Star Cement Meghalaya Ltd.

Sir,

Please refer to your letter on the subject cited above, the submitted draft for Mining Plan along with Progressive Mine Closure Plan in respect of Brishyrnot Limestone Deposit - I over an area of 42.051 hectares in Jaintia Hills District of Meghalaya State, submitted under Rule 16 (1) of MCR 2016 , has been examined in this office on the basis of the site inspection done on 19.9.2018 by Sri S. K. Mohapatra, Senior Mining Geologist.

The scrutiny comments made on the submitted draft for 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 AutoCAD 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. 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), IBM – for kind information.

(2) QPs concerned (Shri. Patel Suraj Singh/ Hijam Rakesh Singh), e-mail:
patelsingh@starcement.co.in / hijamsingh@starcement.co.in

(P. K. Bhattacharjee)
Regional Controller of Mines

Scrutiny Comments on Draft Mining Plan with Progressive Mine Closure Plan of Brishyrnot Limestone Deposit-I over an area of 42.051 Ha. in village Brishyrnot, Taluka-Khliehriat, Dist-East Jaintai Hills, Meghalaya of M/s. Star Cement Meghalaya Limited, prepared by Sri Patel Suraj Singh & Hijam Rakesh Singh (Qualified Persons) & submitted under Rule 16(1) of MCR 2016 & 23 of MCDR 2017.

TEXT

- 1.0 In the introduction chapter a brief history of the applied mining lease area to be given depicting all instances with documentary evidence right from the grant of the prospecting license to the status as on date in a chronological order.
- 2.0 A brief description of the company shall also be given in the introduction chapter. The document to be submitted under rule 16(1) of MCR 2016.
- 3.0 The applied area is about 1.46 km from Narpuh Wildlife Sanctuary, so an undertaking to be enclosed that “necessary permission from concerned statutory authorities will be taken before commencement of mining operations”.
- 4.0 Under 3.14; Information provided regarding location map, needs to be reviewed and rectified.
- 5.0 Under 6.4.5; It has been mentioned that, area explored under G2 category is 4.120 Ha. which needs to be reviewed and rectified.
- 6.0 Resource/reserve calculation in the draft document needs to be revised as per MEMC Rules 2015. In the draft document it has been mentioned that, resource/reserve have been calculated by cross sectional method, but in the calculation sheet it has been shown by surface area method, which needs to be rectified and accordingly the UNFC classification of resource/reserve needs to be rectified.
- 7.0 Location of boreholes, type of borehole and proposed depth needs to be furnished in the future exploration table.
- 8.0 Back up calculation along with grade for blocked resources under various modifying factors needs to be provided either in feasibility study report or in text or in both.
- 9.0 Mine development and production plan; Bench height, width, bench slope angle, name of the section along which development has been proposed, direction of advancement, top RL, bottom RL, quantity of ROM, generation of waste, stripping ratio, etc should be furnished in a tabular form under each year-wise development proposal.
- 10.0 As the mine workings are proposed on the slope of a steep hill & above a perennial water source; retaining wall/ garland drain needs to be proposed during each year of development/ production; for safety & protection of environment due to an anticipated flow of debris/ fines from the mine to water course; during rainy season. The year wise proposal should be clearly marked on the development plans. A proposal for carrying out a slope stability study from a scientific/ research institution may be proposed during the plan period.
- 11.0 Approach haul road for transporting of minerals needs to be shown in the development plan and sections and should be described in the text.
- 12.0 Table under 7.2 & 7.2.1, it has been mentioned that the development will be from pit 1 and pit 2 but, the same has not been highlighted in plans, needs to be reviewed and rectified.
- 13.0 A detail indicating the boundary extents of the ultimate pit limit, slope angle, bottom pit limit needs to be furnished.
- 14.0 The details furnished in reclamation and rehabilitation & post mining land use conceptualised need to be described in detail. (7.27 & 7.28).
- 15.0 Ground water level of the locality is required to be furnished under mine drainage chapter. The details of construction of check dams/ settling tanks etc shall be given along with their design in the chapter on mine drainage. The mode of disposal of surface run-off water shall be discussed indicating the schematic route showing its discharge with proposed provisions of check dams/ settling tanks/ water quality monitoring stations etc. The proposal shall also to be shown in the reclamation plan.
- 16.0 The employment potential table should furnish the workmen under high skilled, skilled, semi-skilled & un-skilled category.

