



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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(M), Guwahati, Assam-781021

No.IBM/GHY/MEG/EJNH/LST/ROMP-76

Date: 04/03/2020

To,

Sri Prem Kumar Bhajanka, (Nominated Owner)  
M/s. Star Cements Limited, Village- Lumshong, Po. - Khliehriat,  
Dist- East Jaintia Hills, Meghalaya-793210  
E-mail: lumshnong@starcement.co.in

Sub.: Scrutiny comments on the submitted draft for modification proposed in the approved review of mining plan along with progressive mine closure plan in respect of Wah-Pynkon Limestone Mine over an area of 4.85 hectares in Lumshong Village, Taluka- Khliehriat, East Jaintia Hills district of Meghalaya State, submitted under Rule 17 (3) of MCR 2016 and Rule 23 of MCDR 2017.

Ref.: Your letter No. SCL/IBM/4.85/2019-20, dated. 11.02.2020.

Sir,

Please refer to your letter on the subject cited above, the submitted draft for modification proposed in the approved review of mining plan along with progressive mine closure plan in respect of Wah-Pynkon Limestone Mine over an area of 4.85 hectares in Lumshong Village, Taluka- Khliehriat, East Jaintia Hills district of Meghalaya State, submitted under Rule 17 (3) of MCR 2016 and Rule 23 of MCDR 2017, has been examined in this office on the basis of the site inspection done on 11<sup>th</sup> December 2019 by Sri S. K. Mohapatra, Senior Mining Geologist.

The scrutiny comments made on the submitted draft for modification proposed in the approved review of 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** with requisite Bank Guarantee as financial assurance for the plan period as per Rule 27 of MCDR 2017, 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 in the approved review of 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), Indian Bureau of Mines, Kolkata – for kind information please.
- (2) Sri Patel Suraj Singh & Sri Hijam Rakesh Singh Qualified Persons, Star Cements Limited, Village- Lumshong, Po. - Khliehriat, Dist- East Jaintia Hills, Meghalaya-793210 – for necessary action.

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4/3/2020

(P. K. Bhattacharjee)  
Regional Controller of Mines

**Scrutiny Comments on Draft Modification of Approved Review of Mining Plan with Progressive Mine Closure Plan of Wah-pynkon Limestone Mines over an area of 4.85 Ha. in village Lumshnong, Taluka-Khliehriat, Dist- East Jaintai Hills, Meghalaya of M/s. Star Cement limited, prepared by Sri Patel Suraj Sing and Hijam Rakesh Singh, submitted under Rule 17 (3) of MCR 2016 & 23 of MCDR 2017.**

**Inspected By: S. K. Mohapatra (SMG)**

**Date of Inspection: - 11.12.2019**

**TEXT**

**Chapter: Introduction**

- 1.0 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 from the grant of the mining lease to as on date in chronological order including this draft submission.
- 2.0 There is an abrupt increase in the production proposal for the next two years i.r.o. approved proposals. A NOC in this regard from the State authority needs to be enclosed and justification for such abrupt proposal may be given.
- 3.0 Reason for modification of the approved review of mining plan furnished in the introduction chapter needs to be furnished with proper justification.

**Chapter: General**

- 4.0 An undertaking from each of the board of Directors to be enclosed regarding their working in other organisations, if any.

**Chapter: Location & Accessibility**

- 5.0 The distance of the Narpuh wild life sanctuary from the ML area needs to be cited, with necessary relevant documents supporting the distance cited.
- 6.0 Details furnished under 3.14 of the text; needs to be reviewed and recast properly.

**Chapter: Review of earlier approved proposals**

- 7.0 Item wise review of earlier approved proposal and actual work done needs to be reviewed and reproduced with authentic data for the corresponding period.
- 8.0 Reason for modification of the approved review of mining plan furnished in the draft document needs to be furnished with proper justification.

**Chapter: Geology & Exploration**

- 9.0 Geological sections, present pit profile and UPL shown in sections have not shown properly, the same needs to be reviewed and rectification accordingly. As per the revised geological plan and sections, the total resources established within the ML boundary needs to be re-assessed as per the norms of UNFC and strictly complying with the requirements of The Minerals (Evidence of Mineral Contents) Rules 2015. Details of the calculations in this regard to be provided duly supported with the geological plans & sections.
- 10.0 The details of the resources blocked under different reasons may be spelt out categorically along with details of the calculations in this regard to be provided duly supported with the plans & sections.
- 11.0 The reserves & resources needs to be categorised under the UNFC system properly citing the exact quantity & quality under different codes.

**Chapter: Mining**

- 12.0 It has been reviewed that, the proposed production target for the modification i.e. for 2020-21 is about 710625.75 tons and for 2021-22 is about 81298.50 tons. Remaining 109229.50 tons of reserve will be produced @ 35000 tons/year in the next review period; reason for such production proposals needs to be furnished with proper justification.
- 13.0 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 tabular form under each year-wise development proposal.

- 14.0 Location of the ramps/ haulage road should be shown in all the development & production plans.
- 15.0 Details furnished under 7.28 of the text; post mining land use conceptualised needs to be reviewed and recast properly.

**Chapter: Mine Drainage**

- 16.0 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.

**Chapter: PMCP**

- 17.0 The distance of the Narpuh wild life sanctuary from the ML area needs to be cited, with necessary relevant documents supporting the distance cited.
- 18.0 Copy of ambient air quality, water quality reports for the last pre and post monsoon period needs to be enclosed with the document.
- 19.0 Details of plantation to be carried out in the proposed modification period needs to be furnished with period, area, no of saplings and types of species etc.

**Consents/ Annexure/ General remarks:**

- 20.0 Original copy of Consent letter/Undertaking/Certificates needs to be furnished.
- 21.0 Re- assessed resources/ reserves as per the UNFC system needs to be reported in the feasibility/ pre-feasibility report to be enclosed with the report.
- 22.0 An undertaking needs to be enclosed from the Owner stating that “All necessary permissions from concerned authorities of the State and Central government shall be taken before commencement of mining operation as per the submitted modification of approved review of mining plan”.

**PLATES**

**1.0 Key plan:**

- 1.1 Key plan shall be prepared strictly as per the extant provisions specified under rule 32(5) (a) of MCDR 2017.

**2.0 Copy of Authenticated lease plan needs to be furnished.**

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

**3.0 Surface plan:**

- 3.1 Existing bench bottom shown in surface plan needs to be shown in a lighter shade colour code and sections shown in the surface plan needs to be removed.

**4.0 Geological plan/ sections:**

- 4.1 Geological plans and section needs to be prepared in line of the comments cited in point no. 9, 10 and 11. The resources/reserve needs to be properly reflected along with the UNFC codes in both plans & sections.
- 4.2 Ultimate pit profile needs to be shown in both geological plan and sections.

**5.0 Mine development/ production plan & sections/ dump plans & sections/ conceptual plan/ sections:**

- 5.1 Ultimate pit profile needs to be shown in both year-wise development plan and sections.
- 5.2 Year-wise development plan and sections needs to be prepared in respect of the comment cited in point 12.
- 5.3 Location of the ramps/ haulage road should be shown in all the development & production plans.
- 5.4 The year-wise development plan and sections needs to be furnished in distinguishable colour codes.

