



भारत सरकार/Government of India  
खान मंत्रालय/Ministry of Mines  
भारतीय खान ब्यूरो/Indian Bureau of Mines  
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date. 22.11.2021.

No. 659(214)/Lst/95/NLR

To  
Sri Sushil Kumar Tiwari, Nominated owner,  
M/s Zuari Cement Limited,  
Flat No. 103, Alkhananda Apartment,  
Gurgaon Sector-56,  
Haryana-122011.

Sub: Submission of Review of Mining Plan in respect of Zuari Limestone mine of M/s Zuari Cement Limited over an extent of 656.68 ha. in Valasapalli and Koduru Villages, Yerraguntla Mandal, Kadapa District, Andhra Pradesh submitted under Rule 17(2) of MCR, 2016.

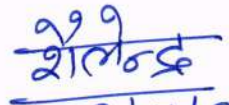
Ref: Your E mail dated 05.11.2021.  
Sir

With reference to your letter cited above on the subject, the scrutiny of the draft Review of Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same has been forwarded to you and your Qualified Person on respective e.mail ids as submitted in the document i.e., [zclgl@zcltd.com](mailto:zclgl@zcltd.com) and [earthenvironment2008@yahoo.com](mailto:earthenvironment2008@yahoo.com).

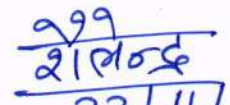
02 You are advised to attend the deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (4Nos.) In this regard, you are also advised to submit the Financial Assurance in the form of Bank Guarantee for the area 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,

  
22/11/21  
(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

प्रतिलिपि सुचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित  
1 खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।  
2. Shri. P.R.Mishra, Qualified Person.

  
22/11/21  
(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

**Scrutiny comments on examination of Review of Mining Plan in respect of Zuari Limestone mine of M/s Zuari Cement Limited over an extent of 656.68 ha. in Valasapalli and Koduru Villages, Yerraguntla Mandal, Kadapa District, Andhra Pradesh submitted submitted under Rule 17 (2) of MCR 2016.**

**General**

1. Cover page containing details of the mine, proposal period/block period, IBM registration number, date of grant of ML, date of expiry of ML, lessee address etc., shall be submitted.
2. Excel sheet is submitted without entering/editing the details of your mine and review of mining plan submission.
3. List of annexures and plates submitted for review of mining plan shall be mentioned.
4. The document shall be submitted as per the format mentioned in the FAQ on format of Mining Plans issued vide CCOM Circular 1/2021 dated 08.09.2021.
5. The final document shall adhere the conditions stipulated in CCOM circular No. 01/2021 dated 07.06.2021 & FAQ on format of Mining Plans issued vide CCOM Circular 1/2021 dated 08.09.2021.
6. The borehole analysis report shall be authenticated by the Statutory Geologist overseen the exploration activity.
7. Color photographs should be enclosed as annexure for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.

**Chapter 1: General Information**

**1.2 Land ownership details**

Details of the khasra no of the mining lease area shall be submitted correctly.

**1.1.2 Mining Plan submission criteria details**

Since document is submitted for Review of Mining Plan, modification details columns to be corrected.

**1.3.1. Approval of earlier Mining Plan & its Subsequent Review in Chronological Order**  
MP/MMP/RMP approval period shall be mentioned correctly.

**1.3.4.1: Environment Clearance**

Environmental clearance date shall be submitted correctly.

**1.3.5.1. Location of Boundary Pillars**

Boundary pillar co-ordinates shall be submitted in UTM co-ordinates as annexure.

**Chapter 2: Geology & Exploration**

**2.1.2.** Details of the physiographic features and infrastructures available in and around the lease/block area shall be submitted correctly.

**2.1.4.3.** Average thickness & grade of the various types of limestone in the lithology units shall be submitted.

**2.1.4.6.** Nature/Form of Mineral shall be mentioned correctly.

**2.1.4.7.** Extent of Mineralization shall be submitted.

**2.1.4.8.** Deposit Type (as per MEMC Rule) shall be submitted correctly.

**2.2.1.** Name of the Agency carried out exploration shall be submitted completely.

**2.2.1.13.** Method adopted for calculating bulk density of ore and waste shall be submitted.

**2.2.1.14.** Details of the area covered under exploration shall be submitted correctly.

**2.2.3.** Details of all radicals of limestone shall be submitted in chemical parameters column.

2.2.5.9. Reserves blocked in various structures/area shall be mentioned correctly in the column provided.

2.2.4.13. Reserves/Reserves estimation shall be submitted correctly based on the exploration carried out in the mining lease area.

2.2.5. Lessee should carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease within a period of 5 years from the date of commencement of MCDR 2017. Exploration proposal and commitment to complete the exploration shall be submitted accordingly.

### **Chapter 3: Mineral Beneficiation/Processing**

3.1. Mineralogy of the ROM shall be submitted correctly.

### **Chapter 4: Mining Operations**

4.1.2. Existing method of mining shall be submitted correctly.

4.1.2. Proposed method of mining shall be submitted correctly.

4.2.2.1. Bench Parameters shall be submitted correctly.

4.2.2.2. Bench details shall be submitted correctly in the year wise development proposal.

4.2.2.3. Transportation & Hauling Equipment shall be submitted completely.

4.3.2. Yearwise production proposals are not depicted correctly in the development and production plans.

4.7.2. New Dump proposed shall be submitted correctly.

4.7.4. New Stack proposed purpose to be submitted.

4.9. Details of use of minerals shall be submitted as per the Mining Plan format.

### **Chapter 5: Sustainable Mining**

5.1. Sustainable Mining and SDF Implementations in Compliance of Rule 35 of MCDR'2017 shall be submitted properly.

5.1. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.

### **Chapter 6: Progressive Mine Closure Plan**

6.2.2.2. Proposal for protective measures like retaining wall and garland drain shall be submitted correctly.

6.2.9.2. Expenditure estimation for storage of topsoil shall be submitted.

### **Chapter 7: Financial Assurance/Performance security (Area put to use)**

Financial assurance plan should be submitted on the basis of area put to use for mining allied activities and in view of above comments and the amount shall be submitted in the form of Bank Guarantee as per Rule 27 of Mineral Conservation and Development (Amendment) Rules, 2021.

### **Chapter 8 : Review of Previous Proposals**

8.1.2. SDF & CSR Expenditures proposals and achievements shall be submitted.

8.2. Technical Details

Proper justification for deviation in the proposed exploration, development, production, afforestation and environmental protective measures shall be submitted.

#### **Plans & Sections:**

1. Conceptual plan to be prepared for the entire lease area showing UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and re-

habilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of this 5 year period and at the end of the lease period.

2. Yearwise production proposals are not depicted correctly in the development and production plans.
3. Plans and sections not submitted as per the conditions stipulated in CCOM circular No. 01/2021 dated 07.06.2021 & FAQ on format of Mining Plans issued vide CCOM Circular 1/2021 dated 08.09.2021.