



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

By Email



Phone No. : (040)- 29553603/29554603  
E-Mail : ro.hyderabad@ibm.gov.in

Room No.603, 6<sup>th</sup> Floor,  
CGO Towers, Kavadiguda,  
Secunderabad – 500 080  
Date. 04.03.2022.

No. AP/KSN/MP/Lst-28/Hyd.

To,  
Shri. D.G.K. Raju, Agent  
M/s. Kakatiya Cement Sugar & Industries Ltd.  
1-10-140/1  
Ashok Nagar  
Hyderabad -500020.

Sub: Submission of Review of Mining Plan in respect of Kakatiya Limestone Mine of M/s. Kakatiya Cement Sugar & Industries Ltd. over an extent of 121.41 Ha (RF) in S.No. 236(P) of Budawada Village, Jaggayyapeta Mandal, Krishna District, Andhra Pradesh State submitted under Rule 17(2) of MCR,2016.

Ref: Your email dated 10.02.2022.

Sir,

With reference to your email cited above on the subject, the site inspection was carried out on 02.03.2022 by Sri. Madhu Sudhan Yadav.M, ACOM accompanied by Sri. V.T.Chander, Qualified Person, Sri T.Dileep, Geologist and Sri. R.V.Ramana Reddy, Mine Manager. The draft Review of Mining Plan has been examined and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e-mail id's i.e., [kcsilc@kakatiyacements.com](mailto:kcsilc@kakatiyacements.com), [hrd@kakatiyacements.com](mailto:hrd@kakatiyacements.com) and [ccgeoengg@gmail.com](mailto:ccgeoengg@gmail.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,

*Shailendra Kumar*  
4/3/22

(Shailendra Kumar)  
Regional Controller of Mines

Copy to Shri V.T.Chander, Qualified Person - for information & necessary action.

*Shailendra Kumar*  
4/3/22

(Shailendra Kumar)  
Regional Controller of Mines

मूल पति पर नही  
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

*शैलेन्द्र कुमार*  
4/3/22  
(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

**Scrutiny comments on examination of Review of Mining Plan of Kakatiya Limestone Mine of M/s. Kakatiya Cement Sugar & Industries Limited over an area of 121.41 Ha in Budavada Village, Krishna District, Andhra Pradesh submitted under Rule 17 (2) of MCR 2016.**

**General**

1. As per our office records, mine code is 38APR01004, whereas it is submitted as 38APR14009 in the cover of the draft document.
2. 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.
3. 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.
4. Color photographs should be enclosed as annexure for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.
5. Validity of the Forest Clearance is upto 06.04.2025. Status of FC renewal/extension shall be submitted.
6. Status of implementation of CCOM Circular no. 2/2010 to be submitted.

**Chapter 1: General Information**

**1.1. Lease details**

1. Lease code shall be submitted.
2. Category of the mine shall be submitted correctly as per the Mining Plan format.

**1.1.1. Initial/subsequent Lease grant details**

Status of deemed extension of the mining lease shall be submitted.

**1.1.2. Mining Plan submission criteria details**

Type of document shall be submitted correctly as per the Mining Plan format.

**1.3.1. Approval of earlier Mining Plan & its subsequent Review in Chronological order**

Approval date of the last approved Review of Mining Plan shall be submitted correctly.

**1.3.4: Statutory Compliances**

Validity of the Forest Clearance is upto 06.04.2025. Status of FC renewal/extension shall be submitted.

**1.3.4.4. Land Acquisition Details**

Land acquisition details 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.

### **1.3.6. Owner/Nominated Details**

- Details of the Nominated owner shall be submitted in the relevant columns.
- As mentioned in the Mining Plan format, minutes of Board Resolution in case of Nominated owner shall be submitted.

### **1.3.7. Qualified Person Details as per M(OAHCEM)CR, 2016**

Copy of PAN of Qualified Person shall be submitted 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.

2.2.1.7. Log sheets of boreholes shall be attached as annexure as mentioned in the Mining Plan format.

2.2.1.10. Chemical Analysis details shall be submitted completely for all the sample id's.

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

2.2.2. Name of the agency carried out exploration (Before Last Plan Period) shall be submitted.

2.2.2.7. Log sheet of the boreholes drilled shall be attached as annexure.

2.2.2.8. As per the records no exploratory mining carried out in the lease area. Details shall be submitted accordingly in the relevant columns.

2.2.2.10. Chemical Analysis details shall be submitted completely for all the sample id's.

2.2.2.14. In which year of the Review of Mining Plan period, mining lease area is converted to G1 from G2, G3 & G4 level of exploration shall be submitted.

2.2.3. Ore body geometry and grade details shall be mentioned.

2.2.4.6. Threshold value & Cut off Parameters shall be submitted.

2.2.4.7. Cost & Revenue Factors shall be submitted correctly.

2.2.4.13. Reserves/ Resources estimation date shall be mentioned.

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

2.2.6.5. 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 details shall be submitted correctly.

3.2. Complete Chemical Analysis of the ROM Ore/Mineral shall be submitted.

3.3. Crushing details shall be submitted.

## **Chapter 4: Mining Operations**

4.2.2.1. Existing & proposed method of mining shall be submitted as per the Mining Plan format.

4.2.1.1. Existing pit status shall be submitted correctly.

4.2.1.2.1. Existing dump details shall be submitted correctly.

4.2.2.1. Bench parameters like pit Id, slope of bench etc., shall be mentioned correctly in the relevant column.

- 4.2.2.2. Year wise opencast development details not submitted in the table.
- 4.3. Hydrological study report annexure number shall be mentioned.
- 4.3.2. No mineral reject generated in the proposed mining area, whereas mineral reject generation quantity shown in the table.
- 4.3.4. Budget year shall be mentioned in the relevant column of the table.
- 4.4.2. Effective shift timing shall be mentioned correctly in the Shovel / Excavator Requirement
- 4.4.3. Dumper Requirement calculation shall be submitted correctly.
- 4.4.4. Bulk density of the waste material shall be submitted correctly.
- 4.5.1. Powder factor is mentioned as 383 kg /t, which is not acceptable. Clarify it.
- 4.7.2. It is proposed to dump waste material on the existing dump. Proper terracing and protective measures shall be proposed for the dump.
- 4.9. Chemical specifications shall be submitted correctly for the proposed use of minerals.

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

- 5.1. Sustainable Mining and SDF Implementations in Compliance of Rule 35 of MCDR'2017 shall be submitted.
- 5.2. Year wise proposal shall be submitted for the CSR initiatives.

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

- 6.1. Total area degraded shall be submitted correctly.

#### **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**

- 8.1.1. Area proposed under activity shall be submitted correctly in the lease area utilization table.
- 8.2. Technical Details
  - 1. Year wise proposed exploration, development and production details shall be submitted correctly.
  - 2. Proper justification for deviation in the proposed exploration, development and production 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. 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.
3. Proposals shall be submitted in .kml or .shp files in the form of soft copies.