



भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय कार्यालय, रायपुर

दूसरी मंजिल, जी.एस.आई.फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,
पोस्ट -विधानसभा, रायपुर-(छ.ग),- 492005, फोन 0771-2282530.

संख्या: दुर्ग/चूप/खयो-1108/2017-रायपुर

दिनांक - 01.08.2017

प्रेषित : श्री टीकेन्द्र चंद्राकर,
वास्ते श्री बी एल रमानी,
मकान नं. 399, सिन्धी कॉलोनी,
स्टेशन रोड, दुर्ग, जिला - दुर्ग,
छत्तीसगढ़ 491001

विषय: खनिज (परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न) रियायत नियम 2016 के नियम 17(3) एवं खनिज संरक्षण एवं विकास नियमावली, 1988 के नियम 23 (बी) के अंतर्गत प्रस्तुत निकट ग्राम - पितोरा, तहसील - दुर्ग, जिला - दुर्ग (छग) में स्थित पितोरा चूना पत्थर खान, क्षेत्रफल - 1.99 है.) की खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की जांच व खान निरीक्षण के उपरांत इसमें कमियां/त्रुटियों पाई गई हैं। संलग्नक में दर्शाई गयी कमियों/त्रुटियों को सुधारते हुए खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की (3) तीन स्वच्छ बाउण्ड प्रतियां एवं 2 सॉफ्ट कॉपी (CD) इस पत्र के जारी होने की तिथि से पंद्रह (15) दिनों की अवधि में इस कार्यालय में प्रस्तुत करें तथा यह भी सुनिश्चित करें कि तीन स्वच्छ प्रतियों के प्रत्येक पृष्ठ पर अर्हित व्यक्ति द्वारा हस्ताक्षर कर दिये गये हैं। तथा बिन्दुवार कमियां सुधार का विवरण भी प्रस्तुत करें।

आपको यह भी सलाह दी जाती है कि आप खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की तीन स्वच्छ बाउण्ड प्रतियां पूर्ण सावधानी से तैयार करें अन्यथा पुनः कमियां/त्रुटियां पाए जाने की स्थिति में यह आपको संपोधनार्थ न लौटाते हुए इस पर अंतिम कार्रवाई कर दी जायेगी।

आप कृपया खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना के साथ प्रस्तुत की जाने वाली वित्तीय आश्वासन एम सी डी आर 2017 के अनुसार पाँच वर्ष की अवधि का (Financial Assurance) क्षेत्रीय खान नियंत्रक, भारतीय खान ब्यूरो, रायपुर के पक्ष में प्रस्तुत करें। वित्तीय आश्वासन के अभाव में खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना अपूर्ण मानते हुए अंतिम कार्रवाई कर दी जाएगी।

भवदीय,

संलग्न: यथोपरि

(बी एल. गुर्जर)
क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

प्रतिलिपि:

1. खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर। (ई मेल द्वारा)
2. श्री अशोक कुमार जॉन, क्वा. नं. - 02, स्ट्रीट नं. - 06, वी.वी. विहार, अनुपम नगर रेलवे क्रासिंग के पास, मोवा, पोस्ट एवं जिला रायपुर - 492014 (छग)।

क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

Inspection Report cum Scrutiny comments on the Modification of Mining Plan for Pitora Limestone Mine over an extent of 1.99 Hectors in Pitora Village, Dhamda, Tehsil, Durg District of Shri Tikendra Chandrakar, site was inspected on 24/7/2017 by shri R.K.Das Sr ACOM

1. **General:** As per the address proof of the lessee the address & correspondence address to be mentioned in the text. In the address it is given C/O shri B.L.Ramani ,the same should be clarified.
2. Precise area map as per lease deed has not been submitted duly authenticated by state government authorities with DGPS coordinates.
3. In the document the rule under MCDR, 1988 should be replaced by MCDR, 2017.
4. **Geological Reserves:** The reserves are not furnished according to proper UNFC codification thereby mentioning cut off grades and threshold values considered for the estimation. For the purpose of ascertaining the UNFC code following procedure may be adopted –
 - (i)Identify the category of your deposit as per UNFC guidelines (out of category I to IV)
 - (ii)Classify status of exploration based upon the parameters furnished under the specified table for Geological Axis i.e. G1, G2, G3, G4 etc. and also mark it on relevant plan & sections.
 - (iii)Now based on the stage of your study identify status of Feasibility Axis as per the relevant table i.e. F1, F2 or F3.
 - (iv)Based on the information contained in Prefeasibility or Feasibility study, furnish the cost benefit analysis for Economic Viability i.e. E1, E2 or E3.
 - (v)Combining EFG axis will give the relevant UNFC code for reserve and resources.
 - (vi)Few vital parameters such as depth consideration, bulk density, recovery and geological axis have not been discussed in Para.
5. The area G1 & G2 should be marked as per [Minerals \(Evidence of Mineral Contents\) Rules, 2015](#). The G2 area delineated should be based on the grid pattern(exploration based) as per [Minerals \(Evidence of Mineral Contents\) Rules, 2015](#) and vertical influence cannot be considered. The existence of trial pits as discussed is not seen as the pit is water logged therefore it cannot be considered to delineate the ore body in three dimension, The exploration done in lease only to be mentioned in the plan and accordingly reserves/resources should be established within threshold limit.
6. **Mining:** In the given Para it is said that the existing mining method is by manual means but during mine visit it was observed that the bench height is 8-10 meter. The same should be clarified that with manual working how the bench height is 8-10 meter can be worked and accordingly the proposal should be given. Rectification of benches as per manual method needs to be proposed.
7. **Use of Mineral:** In the given Para it is mentioned that limestone produce in this mine is supplied to different cement industries. The name of cement industry and lime manufacturing unit and specification (chemical & physical) to be mentioned.
8. **Site services:** In the given Para for statutory requirement there are so many facilities include first aid station, rest shelter, drinking water facilities, etc describe but the same is not reflected in any plan and nether the area is considered for calculation for financial assurance nor seen during mine visit. The proposal should be given as per Mines Act.
9. **Disaster Management plan:** A proper Disaster Management Plan based on the risk assessment and clearly indicating the chain of activities along with the name and designation of key persons with infrastructure (**hospital**, fire station, police station, etc.) should be furnished. The contact no. of the responsible person to be given.
10. **Plat no.I (key plan): The details of the deficiencies found on the plate are as follows**
 - (i) The road to be marked with different colour line differentiating whether it is village, public road, highway, etc and also it should marked properly in index.
 - (ii) Contours should be clearly visible at not more than 20 meter intervals and should be index.

- (iii) The forest area, govt. land, agriculture land, etc should be marked in the plate and also in index. The adjacent lease and other things to be shown and index.
 - (iv) The plate to be indexed properly, different colour code should used for showing different features. The index shown is not visible.
 - (v) Population of the villages falling within 5 km radius to be furnished in tabular form.
The plate should be revised.
11. **Geological Plan:** In the geological plan the limestone is shown in almost entire area but still it is kept in G1 & G2 category, the same should be explained. During field visit it was observed that the entire lease area is water logged and no trial pit was seen in lease area. The plan should be revised and reserved also to be revised as per Minerals (Evidence and Mineral contents) Rules, 2015. In text the reserve has been categorised in 111. The correction to be done.
As the pit is water logged therefore no evidence of trial pits and it should be considered for reserve/resource calculation.
The ultimate pit should be shown in the geological section.
12. **Development Plan & Section:** The working plan should be proposed with proper advancement with top and bottom RL. The haul road not shown from working face to dump and mineral stack. The proposal should be given in G1 & G2 area only therefore as per revised geological plan the proposal should be revised and the proposal should be given to reduce the existing bench height of 8-10 meter to 2 meter as the mine is in Category-B(Manual) as per systematic and scientific approach.
No mining activity should be proposed in 7.5 meter safety barrier zone except afforestation.
13. **Conceptual Mining Plan:** A proper conceptual plan based on the long term design parameters of the mine covering all the mining and allied activities has not been furnished.
All the activities should be furnished with extent of area and quantity involved in the form of 5 yearly blocks up to the lease period.

All the plates should be index properly as the features shown in the plan with the same colour code for clarity and signed with date.