



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: बस्तर/चूप/खयो-1128/2017-रायपुर

दिनांक - 14.12.2017

प्रेषित : श्रीमति कुसुम तुल्सीयान,
पति विजय कुमार हेलीवाल,
गीडम रोड, पोस्ट जगदलपुर, जिला-बस्तर,
छत्तीसगढ़ 494 001

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 – बडांजी, तहसील – लोहान्डीगुडा, जिला – बस्तर (छग) में स्थित चूना पत्थर खान, क्षेत्रफल – 1.619 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 संशोधनार्थ 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 Modified Mining Plan for Baranji Limestone Mine over an extent of 1.619 Hectors in Baranji Village, Lohandiguda, Tehsil, Bastar District of Smt. Kusum Tulshyan inspected by Shri Rajesh Kumar Das, SrACOM dated 07.12.2017

1. Mine code has to be furnished on cover page.
2. In the document the rule under MCDR, 1988 should be replaced by MCDR, 2017. The correction to be done.
3. No. of leases held, state-wise, within the state, by the applicant, has to be mention in the prescribed format is given below:

Sl. No	Lease reference No. & Date	Area	Postal address & location	Type of Minerals	Working/ Non-Working	Status of approval of MP	Date of execution & Date of expiry	Remarks
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4. The mining plan is submitted for the period 2014-15 to 2018-19 in which already more than three years lapsed. The reason for late submission to be mentioned.
5. The three years period 2014-15, 2015-16 & 2016-17 already lapsed and therefore the achievement for this period should be furnished.
6. The co-ordinate given are not authenticated by state government , therefore it is to be mentioned that same are yet to be authenticated by state government while furnishing the same
7. **Review of Earlier Approved Proposal:** In the given Para the information regarding the generation of overburden is not matching with the information furnished in annual return. The correction to be done accordingly.
8. In Review Para the information furnished for stripping ratio is mentioned is tally the proposal but if it is shown the overburden generation is nil than how the stripping ratio comes 1:0.04. The correction to be done.
9. **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.
10. In the plate the geological axis is shown as G1 but still in text part reserve/resource shown in G2 axis and specifically the blocked reserves is shown in G2 axis. The same should be clarified and accordingly correction to be done.
11. **Mining:** In the given Para it is mentioned that small crushing Screening unit installed within lease area but during mine visit it was not observed and neither it is reflected any of the plan.
In the given Para it is mentioned that mining is done with drilling and blasting therefore mentioned without drilling and blasting how manually excavation is done in high benches with 8-15 meter height. The Para should be discussed elaborately.
12. **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. The plate to be revised accordingly.

13. In mining para the production proposal is given for 12000 MT and mentioned accordingly the EC will be applied for 12000 MT but in conceptual plan the proposal is given for 14700 MT. The same should be clarified and as per new survey and reserves calculation life of mine should be calculated and accordingly the conceptual plan should be revised.
14. **Use of Mineral:** In the given Para specifically mentioned the end use of limestone with such a high silica and the industry where it was supplied.
15. **Surface Plan:** During the mine visit it was observed that on the northern side of the lease the top bench is approx 15 meter height and on southern side it is approx 8-10 meter and other side also bench height is more than 5-6 meter and except small portion of southern side all the side working extended 7.5 meter safety barrier. But the same is not reflected in the plan. The area to be properly surveyed and accordingly the plan to be revised.
16. **Geological Plan & section:** As per the above mentioned points the plan should be revised. The reserves shown in 111 category is 610422 MT of limestone and ultimate pit level is shown upto depth of 30 meter which is not practically possible. During the field visit it was observed and discussed that only place to do mining is bottom bench where the width is approximately 20-30 meter and mining can be done upto depth not more than 4-5 meter . Therefore the category should be revised and ultimate pit limit should be revised as per actual.
17. As it is mentioned that method of mining is by manual mining but still the bench height is more than 5 meter and as shown in the plan and section area is there than the proposal for backfilling should be given accordingly to reduce the bench height.
18. **Yearwise production and development plan:** In the given plan no proposal should be given near the face having bench height more than 2 meter. The proposal should be given to reduce the bench height. It was observed that the bench height varies from 8-15 meter therefore proposal for safety measures should be furnished to prevail the slope failure and rolling down boulders from face. The yearwise proposal for afforestation is given outside lease area, proposal inside lease area should be included in 7.5 meter safety barrier.
19. **Reclamation Plan:** In reclamation plan the proposal for backfilling in 7.5 meter should be incorporated and also to reclaim the area. As mentioned above that some place the bench height is 10-15 meter proposal should be given for stability of that face with pithching of stone, wire netting in the face, etc.
20. 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.