



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 / 1154 / 2018 / रायपुर

दिनांक - 26.06.2018

प्रेषित : सर्वश्री आदिवासी हरिजन स्टोन कशर कॉपरेजिव सोशाइटी छापरभानपुरी,
अध्यक्ष श्री बुधराम कश्यप,
ग्राम – छापरभानपुरी, तहसील– तोकापाल,
जिला – बस्तर, छत्तीसगढ़ – 494010

विषय: खनिज (परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न) रियायत नियम 2016 के नियम 17(3) एवं खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 23 के अंतर्गत प्रस्तुत निकट ग्राम – छापरभानपुरी, तहसील – तोकापाल, जिला – बस्तर (छग) में स्थित छापरभानपुरी चूना पत्थर खान, क्षेत्रफल – 0.813 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 जाँच 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 Modification of Mining Plan for Chhaperbhanpuri Limestone Mine over an extent of 0.813 Hectors in Chhaperbhanpuri Village, Tokapal, Tehsil, Bastar District of Adivasi Harijan s hramik stone crusher Co-operative Society

1. In cover page it is mentioned that modified plan period 2017-18 to 2021-22 below it is mentioned present proposal is from 2018-19 to 2020-21. The typographical error should be rectified.
2. Review of Mining Plan at a glance: In the given Para the information furnished that bank guarantee of 5 lakh is enclosed in Annexure IV but the same is not enclosed.
3. **Review of earlier approved proposal:** The review should be given of last approved document but review is given for last 5 years. As there is no approved document from last 11 years and only mining plan is approved therefore review should be furnished from starting to last financial year. In review Para it is mentioned that there is no proposal of overburden, topsoil, waste/reject, minerals as there is no approved document than how proposal of explosion given. The same should clarified and accordingly correction to be done.
4. **Compliance status of violation:** In the given Para the violation details is not mentioned and as per office record the mine is under suspension from 2012 but the same information not furnished.
5. **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 guide lines (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.
6. The calculation given for establishing reserve is not correct as per the plan & section, the same should be reviewed and accordingly the correction to be done.
7. The sample analysis of limestone is enclosed but the location from where sample has been done is neither mentioned in text nor shown in plate. The location to be shown in the plate.
8. The bore holes proposed should be done upto full depth of ore body and accordingly the proposal should be revised.
9. **Mining:** The method of mining is given opencast manual mining but during the mine visit it was observed that the bench height is 5-8 meter and it is not possible practically to work manual means in such height faces. The procedure to reduce the height as mentioned 2 meter to be discussed elaborately. The proposal should be given to reduce the bench height and if not possible the area should be backfilled and reclaimed to avoid bench slope failure.
10. In the given Para it is mentioned that first bench working is from 566 to 544 and bench height is given which is not correct. The correction to be done accordingly.
11. **The information furnished in mining Para should be reviewed and accordingly the correction should be done i.e.** it is mentioned that the face slope is 45 degree, bench height is 2-5 meter and ultimate pit depth is 555 is not correct. There is single bench mostly with height 5-8 meter almost vertical. The correction to be done.
12. **Use of Minerals:** In the given Para the use of mineral and end use industry with physical and chemical composition is not furnished. The same should be mentioned. In the given Para it is mentioned that silica content is high therefore the lessee is applied under rule 12(1) to sale it as minor mineral is irrelevant information. The silica content is mentioned from 15% to 17.5% but in support no such document is enclosed and only one sampling result enclosed to

- represent entire lease area. The correction to be made and only relevant information as per heading should be furnished.
13. **Mine Drainage**: In the given Para it is mentioned maximum RL is 66m and minimum RL is 55 RL is not correct. The correction to be done as per actual.
 14. **The O.M.S** given in Para 13 is 1.66 but the calculation for O.M.S is not furnished. The same should be incorporate for clarity.
 15. **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 neither considered for calculation for financial assurance nor seen during mine visit. The proposal should be given as per Mines Act.
 16. **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 colour code and plan code not matching .
 - (v) Approach road for ML area is not shown and shape of the lease is shown
The plate should be revised.
 17. **Surface Plan**: During the mine visit it was observed the survey was not proper and pit position is not shown as per actual ground condition. The lease area should be resurveyed and accordingly the bench position should be revised with bottom and top RL. The top bench position shown near BP1-9-8-7 is not as per actual. The hilly terrain towards north direction in M1 is not reflected in surface plan.
 18. **Geological Plan & Section**: In geological plan the G1,G2,G3 & G4 area should be marked as per **Minerals (Evidence of Mineral Contents) Rules, 2015** and the same should be match with geological section. In the ML area crusher is installed and the same area reserve is blocked but the same is not reflected in plan & section. The correction to be done accordingly.
 19. **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 excavation proposal should be revised and proposal should be given to reduce the bench height to 2 meter and proposed preventive measures for bench slope stability. The production proposal should be given in G1 & G2 area only therefore as per revised geological plan the proposal should be revised.
 20. **In production and development plan section line is shows as B-B'** but in section plate it is shown as D-D'. The correction to be done.
 21. 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.
 22. In Annexure VII it is mentioned copy of last approval letter of Mining Plan and Annexure XI copy of violation letter but the copy is not annexed.

Rajesh Kumar Das
Senior Assistant Controller of Mines