



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: रायपुर / चूप / खयो-1178 / 2018-रायपुर

दिनांक - 12.10.2018

प्रेषित : सर्वश्री सेचुरी टेक्सटाइल्स एवं इंडस्ट्रीज लिमिटेड,  
पोस्ट - बैकुन्ठ, तहसील - टिल्डा,  
जिला - रायपुर,  
छत्तीसगढ़ - 493116

विषय: खनिज (परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न ) रियायत नियम 2016 के नियम 17(2) एवं खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 23 के अंतर्गत प्रस्तुत निकट ग्राम - बहेसर एवं तुलसी, तहसील - टिल्डा, जिला - रायपुर (छग) में स्थित सेचुरी चूना पत्थर खान, क्षेत्रफल - 74.843 है.) की खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खनन योजना का पुनर्विलोकन 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 पुनर्विलोकन 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 पुनर्विलोकन 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 पुनर्विलोकन 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 पुनर्विलोकन 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. सर्वश्री जे एम इन्वायरोनेट प्राइवेट लिमिटेड, 7 - सी एच - 10, जवाहर नगर, जयपुर, जिला - जयपुर, राजस्थान - 302017

क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो

**Scrutiny comments on the Review of Mining Plan for Century Cement Limestone Mine over an extent of 74.843 Hectors in bahesara & Tulsi Village, Tilda, Tehsil, Raipur District of M/S Century Textiles and Industries Ltd.**

1. The document is submitted as Review of Mining plan therefore the same should be mentioned in cover page. The mine code should be mentioned in the cover page. The correction to be done accordingly
2. At a glance information may be given in as per below table:-

MINING PLAN/REVIEW OF MINING PLAN AT GLANCE		
1	Name of the Applicant /lessee	
2	IBM Registration no	
3	Address of Applicant	
4	Name of Mine	
5	Mine Code	
6	Lease area in hectares	
7	Forest area	
8	Name of Mineral	
9	Lease period from to	
10	Plan proposal period-	
11	Mineral Reserve (111, 121 & 122) in tonnes	
12	Mineral Resources (211, 221, 222, 331, 332, 333 & 334) in tonnes	
13	Production proposal 2019-20 in tonnes	
14	Production proposal 2020-21 in tonnes	
15	Production proposal 2021-22 in tonnes	
16	Production proposal 2022-23 in tonnes	
17	Production proposal 2023-24 in tonnes	
18	OB/Waste handling proposal 2019-20 in CUM	
19	OB/Waste handling proposal 2020-21 in CUM	
20	OB/Waste handling proposal 2021-22 in CUM	
21	OB/Waste handling proposal 2022-23 in CUM	
22	OB/Waste handling proposal 2023-24 in CUM	
23	Present EC permission in tonnes	
24	Plantation proposal in per years in numbers	
25	Plantation area proposal in area (ha).	
26	Back filling proposal in hectares in per years	
27	Check Dams numbers in five years	
28	Garland drain in meters five years	
29	Settling ponds (Numbers)	
30	Area put to use at end of five years in ha.	
31	Bank Guarantee Amount Rs	
32	Validity of BG upto	
33	Any other important information	
34	EC Limit	

3. Para 2(b)- name and address email et of Directors of company not furnished.

4. **Review of Earlier Approved Mining Plan/Scheme of Mining:** In the given Para the proposal of saleable limestone in five years from 2014-15 to 2018-19 is mentioned 500000 tons whereas in approved document the fig. is different and the total ROM production achievement data furnished is also not correct. The correction to be done. There should be column of remarks should be attached to give reasons for deviation if any.
5. **Geology & Reserves:** In the given Para it is mentioned that Geological resource is 12.941 million tons as on 01.04.2014 and after depletion the resource will be approximately 10 millions tons. But as per new calculation it is enhanced upto 17.78 million tons. In last approved document it was mentioned the lease area already explored. The same should be discussed how resource is enhanced. It is also mentioned in para 6.9.5 that reserve are re calculated and placed as annexure but such detail is given.
6. The form-J is enclosed for 10 bore holes drilled in 2017 but the value of CaO, MgO is not mentioned. The same should be furnished. As per MEMC Rules,2015 atleast 10% of the sample should be done analysis in NABL or Govt. Lab. The same should be enclosed.
7. The limestone reserve is estimated considering bulk density 2.4t/CUM whereas in this region the Bulk density of Limestone is taken as 2.5 t/ CUM. Bulk density test from recognised laboratory may be carried out and furnished. .
8. **Mining:** In the given Para it is mentioned recovery of Ist bench is 75% & IInd ,IIIrd bench recovery is 93%, . The basis for same may be discussed.
9. **Extent of Mechanisation-** Rated production capacity of Equipment based on past performance have not been give. Moreover adequacy of mining machineries based on proposed production have not been assessed.
10. The calculation of requirement of explosives, powder factor and drill parameter have also not been given .
11. In the Mining Chapter the proposal has been given for generation of subgrade but in the mine no such subgrade material was observed therefore proposal should be reviewed and revised accordingly.
12. **Conceptual Mining Plan:** -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. **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.

### **Plates:**

14. **Plat no.1 (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) Co-ordinates of extremities of lease area are not shown in the plan.
  - (iv) The forest area, govt. land, agriculture land, etc should be marked in the plate and also in index.
  - (v) The plate to be indexed properly, different colour code should used for showing different features.
  - (vi) Population of the villages falling within 5 km radius to be furnished in tabular form.  
The plate should be revised.
15. **Geological Plans:** The following deviations have been found in the Geological Plan:
  - a) Area explored under geological axis G1, G2, G3, G4 and Non-Mineralised areas have not been marked.

- b) Structural features and Surface outcrops of the different litho-units have not been marked.
16. **Production and development Plan:** The plan is submitted with the survey date of 20.06.2018 but the proposal is given from 2019-20 therefore the approximate bench advancement upto 31.03.2019 to be mark and with reference to that next five years proposal should be given.
  17. The working plan should be proposed with proper advancement of bench with top and bottom RL. The haul road not shown from working face to dump and mineral stack.
  18. The proposal of overburden, reject, subgrade generation is given but the dump and stackyard is not shown in the plate.
  19. 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.
  20. Lease boundary pillar DGPS co-ordinate authenticated by state government Competent authorities are not given
  21. The copy of resolution nominating shri R.K. Dalmia as Nominated owner of Mines has not been enclosed.
  22. Annexure -3 is not enclosed.
  23. The copy of registration of company should be enclosed
  24. The photographs of mine working, dumps, Backfilling, Reclamation etc should be enclosed.

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