



भारत सरकार

खान मंत्रालय

भारतीय खान ब्यूरो, क्षेत्रीय खान नियंत्रक कार्यालय, रायपुर

दुसरी मंजील, जीएसआई फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,
पोस्ट - विधान सभा, रायपुर- (छ.ग)-492005, फोन- 0771—2282530 /2285590 /95

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संख्या: कांकेर/लौह/खयो-1200/2018-रायपुर

दिनांक - 11.04.2019

प्रेषित : सर्वश्री जायसवाल नीको इंडस्ट्रीज लिमिटेड,
माइन्स डिवीजन, इंडस्ट्रीयल ग्रोथ सेंटर,
सिलतारा, रायपुर,
छत्तीसगढ़ - 493111

विषय: खनिज संरक्षण एवं विकास नियमावली 2017 के नियम 24 के अंतर्गत प्रस्तुत निकट ग्राम - बरबसपुर, तहसील - भानुप्रतापपुर, जिला - कांकेर (छग) में स्थित लैन डोंगरी लौह अयस्क खान, क्षेत्रफल - 14.40 है. की खान बंद करने की अंतिम योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खान बंद करने की अंतिम योजना की जाँच के उपरांत इसमें कमियाँ/त्रुटियाँ पाई गई हैं। संलग्नक में दर्शाई गयी कमियाँ/त्रुटियों को सुधारते हुए खान बंद करने की अंतिम योजना की (3) तीन स्वच्छ बाउण्ड प्रतियाँ एवं 2 सॉफ्ट कॉपी (CD) इस पत्र के जारी होने की तिथि से (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 कमियाँ सुधार का विवरण भी प्रस्तुत करें।

आपको यह भी सलाह दी जाती है कि आप खान बंद करने की अंतिम योजना की तीन स्वच्छ बाउण्ड प्रतियाँ पूर्ण सावधानी से तैयार करें अन्यथा पुनः कमियाँ/त्रुटियाँ पाए जाने की अवस्था में यह आपको संशोधनार्थ न लौटाते हुए इस पर अंतिम कार्रवाई कर दी जायेगी।

आप कृपया खान बंद करने की अंतिम योजना के साथ प्रस्तुत की जाने वाली वित्तीय आश्वासन एम सी डी आर 2017 के अनुसार दो वर्ष की अवधि का (Financial Assurance) क्षेत्रीय खान नियंत्रक, भारतीय खान ब्यूरो, रायपुर के पक्ष में प्रस्तुत करें। वित्तीय आश्वासन के अभाव में खान बंद करने की अंतिम 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 एस के पॉल, सर्वश्री जायसवाल नीको इंडस्ट्रीज लिमिटेड, माइन्स डिवीजन, इंडस्ट्रीयल ग्रोथ सेंटर, सिलतारा, रायपुर, छत्तीसगढ़ - 493111

क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

Annexure

Inspection Report cum Scrutiny comments on the Final Mine Closure Plan for Lain dongri Iron Mine over an extent of 14.40 Hectors in Barbaspur Village, Bhanupratappur, Tehsil, Kanker District of M/S Jayaswal Neco Industries Limited dated 08.04.2019 by Shri Rajesh Kumar Das, Senior Assistant Controller of Mines.

1. At a glance information may be given in as per below table:-

MINING PLAN/MODIFICATION IN 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	Present EC permission in tonnes
14	Plantation proposal in per years in numbers(2019-20)
15	Plantation proposal in per years in numbers(2020-21)
16	Plantation area proposal in area (ha). (2019-20)
	Plantation area proposal in area (ha). (2020-21)
17	Back filling proposal in hectares in per years(2019-20)
18	Back filling proposal in hectares in per years(2020-21)
19	Check Dams numbers (2019-20)
20	Check Dams numbers (2020-21)
21	Garland dra in in meters (2019-20)
22	Garland dra in in meters (2020-21)
23	Fencing of lease area in meters(2019-20)
24	Fencing of lease area in meters(2020-21)
25	Settling ponds (Numbers)
26	Area put to use at end of five years in ha.
27	Bank Guarantee Amount Rs
28	Validity of BG upto
29	Any other important information
30	EC Limit

- Para 3.13 - lease boundary Co-ordinate mentioned are not matching with lease grant order co-ordinates. There should not be any change in co-ordinate
- Geological Reserves:** - The reserve of iron ore have not been correctly re-assessed as the bore hole drilled during the year 2018 have not been taken into account at all .
The reserves are not furnished according to proper UNFC codification thereby mentioning cut off grades and threshold values considered for the estimation.

- Identification of category of deposit is not mentioned,
 - It was said that 55% is cut off grade and threshold 45% but no material of subgrade (45 to 55%) found in mines during. If the ore considered as Magnetite than ore is having threshold value 15% Fe.
 - **Reserve/Resources:** In the given Para in last approved document the resource is furnished 1047738 tons (float ore 311257 tons & insitu 736481 tons) but in the present document the resource came down to 3500 tons and production till date is 332562 tons. The same may be clarified. The reserves should be calculated based on threshold limit and recovery factor as per MEMC rules, 2015 and for Fe₂O₃. The reserves should be revised accordingly.
 - The last document was approved on 06.05.2016 and in 2018-19 additional 12 boreholes of 10 meter depth drilled and all the bore holes are positive in which some boreholes ore are upto 20 meter depth but still reserves reduce drastically. Needs clarification.
 - The BH-12 terminated in ore where ore body encountered upto 18.50 meter but still ore not excavated and it is virgin area. The BH-10 & BH-5 area also untouched.
 - The ten percent samples should be analysis from NABL Lab as per MEMC Rules, 2015
3. It was observed that most of the boreholes are less than 10 meter depth and maximum depth is 22.5 meter. Few boreholes to be proposed more than the existing boreholes(may be upto 50 meter) to delineate the ore body depthwise and it can be proposed near BH-12 where drilling terminated in ore body. As the ore body is not regular and it is pocket deposit few bore holes to be proposed in unexplored area in western side of mining lease.
 4. **Mining:** The yearwise excavation, development, production, etc proposal for proposed area have not been given and the review of earlier approved document given. The Para should be revised accordingly.
 5. **In table 7.1(c)** it is mentioned tailing @25% recovery but there is no wet processing in mining lease area. The detail of generation of subgrade, fines, concentrate and tailing should be given for lease area.
 6. **Safety and Security:** Describe the safety measures already implemented and arrangements proposed in the mine closure plan to prevent access to excavations, surface openings for workings etc. The Para should be included as per manual.
 7. **Time Scheduling for closure:** The proposal should be given for two years 2019-20 & 2020-21. The details of time schedule of all closure operations as discussed in para 5 may be described here. The manpower and other resources required for completion of proposed job may be described.
 8. **Surface Plan:** In surface plan the plantation shown is not as per actual and therefore the same should be revised. The exploration details shown in the plate is not required as it is already furnished in geological plan and the same may be deleted. The name and signature of surveyor is missing in the plate. The stack yard and waste dump area is shown in same colour code and there is no differentiation. The same may be change.
 9. **Geological Plan & section:** In geological plan the lithology should be shown and same should be indexed properly. In geological plan G1, G2, G3 and G4 scale exploration area

should be marked properly as per UNFC and Minerals (Evidence and Mineral contents) Rules, 2015. The future exploration proposal should be such to delineate the ore body and to cover entire lease area. The dip/strike direction also not shown and neither index. The ultimate pit limit should be marked and index. The plantation shown in lease area and dump is not as per actual therefore same should be revised. In geological section all the bore hole depth is shown 10 meter which is not correct therefore correction to be done and collar and depth of holes should be marked in plan and section. The section is not matching with plan and in geological section only boreholes drilled in 2018-19 shown and earlier boreholes which shown in plan is not reflected in section.

10. **Environment Plan:** The monitoring station of air, water & noise is not marked in core zone & buffer zone. The plan should be prepare as per Rule 32(5)(b) of MCDR,2017 showing all relevant features adjoining 500 meter radius of lease area.
11. **Financial Assurance:** The table enclosed for calculation of financial Assurance is not correct and the area considered as fully reclaimed is not correct and there is no such area which can be considered as fully reclaimed and rehabilitated. The mine starts working four years back and till date only mining has been done. The area where float ore mining done also to be considered area under mining. The dump is still active dump therefore the calculation to be revised accordingly. Complete table needs to be reviewed.
12. Few photographs showing Land use of the lease area, environmental status of the area/Ground Control Points/Lease Boundary Pillars.
13. Copies of violation letters issued by Indian Bureau of Mines or statutory obligations issued by any other authority during last approved mining plan period.
14. Copies of analysis report from NABL accredited laboratory or similar accredited laboratory or Govt. Laboratory.
15. Documents was prepared casually and needs to be prepared with due care.