



भारत सरकार

खान मंत्रालय

भारतीय खान ब्यूरो, क्षेत्रीय खान नियंत्रक कार्यालय, रायपुर

दूसरी मंजील, जीएसआई फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स, पोस्ट -विधान सभा- रायपुर (ग.छ) 492005,

फोन 2282530 —0771-/2285590 /95 email ro.raipur.ibm@gmail.com

I ; k% RPR/LST/MPLN-1137/2017-RPR

दिनांक - 29/1/2018

प्रेषित % मेसर्स गंगोत्री लाईम प्रा. लि.

श्री देवी दयाल शर्मा वाई न. 48,

377 डागा ब्लोक बरोन बाज़ार,

पोस्ट- रायपुर-492001, रायपुर

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Hkonh;]

l ayXu% ; Fkksi fJA

(बी.एल.गुर्जर)

क्षेत्रीय खान नियंत्रक

भारतीय खान ब्यूरो

i frfyfi %

1- [kku fu;=d ¼e/; ¼ Hkkjrh; [kku C; jk\$ ukxi gA ¼bēsy½

2- श्री अरविंद सिंह, 621/3/राम कुंड समता कोलोनी, लाईफ वर्थ होस्पिटल के पिछे, रायपुर छ.ग.

क्षेत्रीय खान नियंत्रक

भारतीय खान ब्यूरो

Annexure

Scrutiny comments cum inspection report in respect of the Modification of Mining Plan and Progressive Mine Closure Plan of Matia Limestone mine, area 12.137 ha, lessee M/s Gangotri Limes (P) Limited, in village Matia, Tehsil Dharsiva, District -Raipur, Chhattisgarh, submitted under Rule 17(3) of MCR(other than Atomic and Hydrocarbon Energy minerals) 2016 and 23 of MCDR 2017. Site inspected on 18.01.2018 by Shri J.S. Hada, Assistant Mining Geologist.

1. The tabular format may be used for preparing the document.
2. Cover Page: Lease period of 20 years (27.4.1999 to 26.4.2019) may be mentioned above the deemed extension of 50 years. The lessee's name should be correctly shown as Gangotri Limes (P) Limited and not ...Lime (P) Limited. 'Ward no. 48/377' is missing from lessee's address, should be corrected elsewhere in the text, footer of pages, etc.
3. Copy of Certificate of Incorporation is not legible in respect of serial number/registration number and does not show signature of signing authority.
4. Copy of the Memorandum of association of the company has not been furnished.
5. Up to date Copy of the Board of Directors of the company has not been enclosed.
6. Copy of DGPS report and copy of letter submitting it to the state govt have not been enclosed.
7. Copy of state government's letter for extension of lease period for 50 years has not been attached.
8. Chapter 2 a): Correct address, valid phone number, current mobile number, current email ID, should be furnished.
9. Chapter 3, page 9: Sentence "coordinates or yet to be" should be edited for correctness.
10. Chapter 4, page 13: The EC is dated 16.3.2012. The last Scheme was approved on 29.6.2015 for the period 2013-14 to 2017-18. It is not clear why remark is given that 'due to lack of EC.....no mining work in the last five year Scheme period'
11. Chapter 4.4, status of compliance may be given in tabulated form

Status Of Compliance of MCDR rules pointed out by IBM for last 5 years				
Sr.No	Date of inspection/ Violation date if based on office record	Violation letter no.	Rule violated (Details of violation)	Compliance status
i)	13/12/2017	CHG/RAP/LST- 55/NGP/820	11(1), 11(4), 27, 45(5)b & c	
ii)	5/5/2017	CHG/RAP/LST- 55/NGP/116	45(5) b & c	

12. Chapter 4.5, page 14: It should be mentioned that 'the suspension order was revoked on 10.6.2015'.
13. Geology and Exploration: The exploration already carried out is having borehole spacing more than 200m and is not as per UNFC norms/MEMC Rules. Therefore,

reserves should be put in 122 category. The reserve estimation appears to be on higher side, a more conservative estimate should be made. The average depth considered might be revised for the purpose. Mineral reserve should be mention as on date.....

14. Part I(i), page 19: Future Programme of Exploration: Future exploration of few bore holes needs to be propose to convert mineral resources under G1 category in ensuing plan period.
15. Page 23, the categorisation of mineral reserve needs to be corrected. From G1 level to G2 level.
16. Page 27, Proposed method of mining may be given covering following points

	Briefly describe the existing / proposed method for excavation with all design parameters.	
i)	Method of mining	
ii)	Bench parameters	
iii)	Bench height in OB/ore	
iv)	Bench width	
v)	Bench slope	
vi)	Over all pit slope.	

17. Mining: Three different areas of workings have been proposed in the next five year period which cannot be called systematic mining and no reasons have been given to justify it. It is a well established fact that in order to have systematic and scientific mining, winning of ore should be from one end of the lease to the other end or from top to the bottom, but this aspect has not been kept in view in planning.
18. Mining: The scale of proposed production i.e. 22500 tpa is more suitable for a manual mine. Therefore, to maintain its mechanised status as per market condition, appropriate level of production should be proposed suitable to its mechanised status.
19. Conceptual mine planning- Brief note on Exploration, development, Excavation, reclamation, life of mines based on available mineral resources and land use at conceptual stage have not been given covering following points

a	Exploration-	
b	Excavation-	
c	Rated production capacity of mines - t/year	
d	Life of mines -	
e	Ultimate pit limit -	
f	Waste Disposal-	
g	Reclamation and rehabilitation -	
h	Post mining land use conceptualised-	

20. Blasting, page 33: maximum production figure should be 22500, and not 26000/23000. All figures needs to be rechecked for errors.
21. Mine drainage, page 35: average water table depth and lowest RL at the end of 5 year period, may be mentioned in this para.
22. Para 8.6, page 54: An area of 0.132 ha under column 'f' under area considered as fully reclaimed & rehabilitated has been given in the table but in FA area Plan (Plate – 12) no such area has been shown. Therefore, this may be shown as zero in the table.
23. Certificate by the Qualified Person is not dated.
24. Plan and Sections: Environment management Plan, Dump Management Plan & section, and progressive mine Closure Plan need not be attached.
25. Certificate of correctness and that the plan is prepared based on lease map authenticated by the state govt have not been given in the plates.
26. Shri Devidayal Sharma has been shown as the lessee in the plates, which needs to be corrected to M/s Gangotri Limes (P) Ltd on all plates.
27. Key Plan: Village populations around the lease area have not been shown (Refer page 46).
28. Geological Plan: lateral boundaries of UNFC categories should be shown as per revised classification. Sections should also be corrected accordingly.
29. Composite 5 year working Plan and year wise working plans: Projected Reduced level (RL) should be shown at the site of and end of year wise workings.
30. Financial Assurance Plan:- Area considered for calculating of financial assurance in respect of excavation and overburden dump and other items have not been shown with different color as per area put to use for calculation of financial assurance table. All other feature needs to be removed from plates.
31. The table in Para 8.6 should be inserted in this plan for easy reference. The area of 0.132 ha considered for rebate may be removed from table.
32. A valid bank guarantee up to the plan period should be submitted along with the final copies of the mining plan.