

भारत सरकार
खान मंत्रालय

भारतीय खान ब्यूरो, क्षेत्रीय खान नियंत्रक कार्यालय

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दिनांक - 28/9/2017

is"kr %श्री मनोज कुमार श्रीवास्तव
एजेंट, नंदिनी खुदिनी खदान
मेसर्स ए सी सी लि.
जामुल सेमेंट वर्क, जिल- दुर्ग -490024

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2 श्री सुब्रमणी वेंकटेश, खनन अभियंता , मेसर्स ए सी सी लि.

जामुल सेमेंट वर्क, जिल- दुर्ग -490024

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Scrutiny comments cum inspection report in respect of the Modification of Mining Plan and Progressive Mine Closure Plan of Nandini Khundini Limestone mine, area 53.57 ha, of M/s ACC Ltd, in village Nandini Khundini, Tehsil Dhamdha, District -Durg, Chhattisgarh, submitted under Rule 17(3) of MCR(other than Atomic and Hydrocarbon Energy minerals) 2016 and Rule 23 of MCDR 2017. Site inspected on 22.9.2017 by J.S. Hada, Assistant Mining Geologist.

1. Cover pages (text & Plates): it should be mentioned that the document is submitted under Rule 17(3) of MCR (OAHEM) 2016 and Rule 23 of MCDR 2017, needs to be corrected.
2. Consent Letter: The consent letter mentions the document as 'Review of mining plan' which is not correct. Date and Place are also not mentioned.
3. Certificate From QP: 'Review of mining plan' should be removed. Certificate is not dated.
4. At A Glance: Lease period should be mentioned as From 2.12.2008 to 1.12.2058. Sr. No. 34,35,36 are repetitions and should be removed.
5. Para 2.7, page 3: Type of land: mention the type of 35.68 ha land as agriculture or otherwise as the case may be.
6. Para 4.5, page 5: The remarks in 5th year (2017-18) mention current year till August 2017 instead. 2016-17.
7. Para 4.9 and 4.10, page 6: Title of the both items is kept same whereas first one should be for OB and other one for ore.
8. Para 4.15: The different plantation figures of 3000 and 800 in remarks column should be reconciled.
9. Para 4.21, page 8: item xii) : under what head the area 0.5 ha has been put to use should be clearly mentioned/specified.
10. Para 5.5, page 9: The reasons for modification should be mentioned instead writing N/A.
11. Para 6.13, page 12: The area considered for G1 has not been given.
12. Para 6.16.3, Remark in red may be removed.
13. Para 6.18, page 13: The reserves should be given as on 1.4.2017, Grade is left blank, whether reserves have been calculated up to threshold value and cut off grade considered. what is cut off grade? Should be mentioned. The reserve estimation is very much on higher side. It should be checked with surface area method also. The whole reserves should be re-estimated accordingly.
14. Para 7.1, 7.3: item v) Bench slope is given as 25⁰ which needs to be corrected.
15. Para 7.7, item ix): The charge per round shall be 25 x 13=325 kg. Should be corrected. Similarly, item x): Explosive requirement should be 325 x 30= 9750 kg.
16. Para 7.13, page 18: capacity figures as 16-28 tonnes tippers, shovel bucket 4.0 m³, bench width 20m, Ultimate pit slope 60⁰, all needs to be checked and corrected.
17. Para 7.14, page 19: Life of mine: The calculation appears to be incorrect, should be reconciled. The actual calculation figures should be given.
18. Para 8.0, page 20: chapter related with under ground may be removed from document.
19. Para 10.2, 10.3, 14.1a), page 23, 24,28: The word 'scheme of mining' should be replaced with modification of mining plan throughout the document.
20. Para 11.1, page 24: it is not clear why two different figures for CaO are given: 43.65 % and 42.1 %. Are given.

21. Para 14.3.9, page 32: sr. No. 12: the area 0.5 ha under plantation need not be considered as at all for area put to use. Total area put to use will also be 26.75 ha accordingly.
22. Plates: it is not clear why some portion in the northern and north-eastern sides of the lease greater than 7.5 m boundary barrier has been left and categorised under UNFC 211. The mine approach road should be realigned to pass southern side of pillar no. 78 as observed during the inspection.
23. Geological Sections: boreholes not falling on the section lines should be shown with broken lines.
24. Plate no XIV may be removed.