



भारत सरकार / Government of India

खान मंत्रालय / Ministry of Mines

भारतीय खान ब्यूरो / Indian Bureau of Mines

क्षेत्रीय खान नियंत्रक का कार्यालय / OFFICE OF THE REGIONAL CONTROLLER OF MINES

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फाईल संख्या File No: 614(2)/MP-B-243/2014-DDN

दिनांक 19.06.2018

सेवा में/ To : Shailendra Singh Bist
206, Apeksha Complex, Sec-11,
Udaipur-313002

ssbist@udrmintech.com

विषय/ Sub : Submission of Review and updation of Mining Plan with Progressive Mine Closure Plan in respect of Banor Limestone mine over an area of 4.75 hectare near Village-Banaur, Tehsil-Paonta Sahib, District -Sirmour of HP State, submitted under Rule 17(1) of Minerals (Other than Atomic & Hydro Carbons Energy Minerals) Concession Rules, 2016 & 23 of MCDR 2017.

संदर्भ/Ref. Your letter No-Nil dated 22.05.2018 received on dated 24.05.2018

महोदय/ Sir,

This office is in receipt of two copies of the above-mentioned Review and updation of Mining Plan with Progressive Mine Closure Plan on 24.05.2018. On examination of the same the discrepancies / deficiencies observed have been listed in enclosure to this letter.

You are advised to correct the submitted Review and updation of Mining Plan including Progressive Mine Closure Plan as per deficiencies /discrepancies pointed in the enclosed enclosure as scrutiny comments and submit 3 fair copies of the Review and updation of Mining Plan including Progressive Mine Closure Plan within 15 days from the date of issue of this letter after corrections in hard bound copies (no spiral binding). If the fair copies of Review and updation of Mining Plan including Progressive Mine Closure Plan will not be submitted within stipulated time, final action will be taken as per rule. Two CDs of the fair Review and updation of Mining Plan including Progressive Mine Closure Plan may also be submitted including text, plates and annexures. On receipt of additional comments from State government, it shall be communicated to you subsequently. In case if it is necessary to incorporate the additional information, the details of the same should be given along with page numbers.

You are further advised to prepare the fair copies carefully and ensure that it is correct in all respect. Preferably use both sides of paper. If again deficiencies are observed then final action will be taken by this office without returning the copies for correction.

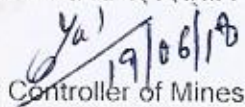
Encl: as above.

भवदीय Yours faithfully,


(पुष्पेन्द्र गौर Pushpender Gaur)
उप खान नियंत्रक एवं प्रभारी अधिकारी Deputy Controller of Mines & OIC
भारतीय खान ब्यूरो Indian Bureau of Mines

प्रतिलिपि सूचनार्थ प्रेषित :-

- 1- खान नियंत्रक (उत्तर), भारतीय खान ब्यूरो, उदयपुर ।
- 2- Shri Rakesh Chaudhary, Village: Jogiwala, Post: Badripur, Dehradun, Uttarakhand.
chaudharyrishab19@yahoo.com
- 3- उप खान नियंत्रक एवं प्रभारी अधिकारी, भारतीय खान ब्यूरो, क्षेत्रीय कैम्प कार्यालय, एनसीआर, सीजीओ कॉम्प्लेक्स नई दिल्ली ।


उप खान नियंत्रक एवं प्रभारी अधिकारी Deputy Controller of Mines & OIC
भारतीय खान ब्यूरो Indian Bureau of Mines

Scrutiny Comments indicating deficiencies in respect of submitted Review of Mining Plan with PMCP of Banor limestone mine of Sh. Rakesh Chaudhary (4.75hect.) in Sirmour district of HP State submitted under Rule 17(1) of MCR 2016 & 23 of MCDR 2017.

1. Authentic lease plan with all the Khasra details of the villages duly verified by Geology & Mining department of State Govt showing the location of the lease area with DGPS coordinates of boundary pillars has not been enclosed. Authentic lease plan shall be the basis for the preparation of all the plans and sections. There should not be any deviations in all the plans and sections with respect to configuration given in the lease plan.
2. Khasra plan duly authenticated by State government is not enclosed. Cadastral plan/khasra plan superimposing MI. boundary with lat long coordinates and ground reference points not given. It should be authenticated by State government.
3. Mine code and registration is not indicated on cover page.
4. On cover page review of mining plan is indicated whereas it should be review and updation of mining plan. Reference to the rule under which the Updation is submitted is not correct.
5. Name of the village and mine is different at different places in the document, plans and annexures. Uniformity shall be maintained and it shall be as per proper revenue record.
6. On cover page TQP is written which is not mentioned in relevant statutory provisions.
7. Coordinates of boundary pillar P-11 indicated on surface plan are not matching with the coordinates indicated in the text.
8. Latest chemical analysis report is not enclosed.
9. Present extent of MI. area under various G-axis of UNFC is not given. Entire lease area to be mentioned under various G-axis. Further area which is mineral potential but not under G-1 then it should be proposed for further exploration as per rule 12(4) of MCDR 2017.
- ✓ 10. Reserves and resources need to be updated. Nil quantity in G-2 and G-3 is not a true fact.
11. On page 19 of the text no exploration is proposed which does not satisfy the rule 12(4) of MCDR 2017.
12. On page 25 & 26 reserves are indicated under 211 category. The sum may be rechecked.
13. On page 31 under chapter mining the sum given for the second year may be rechecked.
14. On page 57 to 61 under table 8.3 the scheme of mining is mentioned. Present submission is not a scheme of mining.
15. Lessee has not submitted supplementary lease deed as per letter no. Udyog / Bhu (Khan -4) Major 167/82-I-6i 19 dated 3/9/2015.
- ✓ 16. Production in 14-15 is higher than proposed.
17. Give photograph of PMCP proposals as mentioned at page 11 (retaining wall, parapet wall, checkdams, plantation and waste dump) and these should be clearly marked on Surface plan as well as reclamation plan.
18. Reserves and or resource (R&R) has been calculated using slice method. Whereas no slice plan is given. For each level slice plan shall be given with suitable grid. Each level shall be substantiated with

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- plan depicting UNFC codes like 111 & 311 etc . Moreover being hilly terrain the above R&R should also be cross validated with cross-section method at interval not more than 50 mtr.
19. Basic mine design parameters like bench height, width (at ultimate and during working), face slope angle, ramp gradient etc. are not given.
 20. Mine is proposed at places from bottom to top from earlier year to later, which is not correct. needs review. The data @ table on page 31 need to be modified.
 21. On page 38 why jack hammer is proposed it will not be considered for secondary blasting in eco sensitive zone. Horse power of all equipment should also be given. And capacity of diesel operated compressor is not correct.
 22. On page 41 dump design at its toe is erroneous. Dump is proposed to be holded by wall and not naturally. Thus dump configured needs review.
 23. On page 43 use of waste which is basically limestone fines and dolomite is not addressed in this chapter. Zero waste mining concept be proposed to the best possible extent
 24. On page 47 area under pits is not correct. Please give actual surveyed figures on the ground as on date.
 25. On page 57 location for greenbelt is not correct as excavation is observed/found at places over boundary. Inadequate proposal and provision for nurturing and caring of plant upto its self sustained life is not given .
 26. Proposal for monitoring of Each and every blast is to be given.
 27. The Consent letter (pp 66) is not correct as the reference of the rule mentioned at para 1 is not correct and the term TQP is not in statute.
 28. On page RQP and TQP are used which is not correct.
 29. Driving license at Annexure no. 5 is not legible.
 30. On page 67 certificate from RQP is enclosed. Provision of RQP is no more.
 31. Blasting aspects addressed are inadequate whereas the area falls under eco sensitive zone.
 32. What precaution to be taken to keep the ground vibration and Air over pressure under control/ permissible limit is not indicated. Proper monitoring proposals are missing.
 33. Every blast shall be monitored for ground vibration and AOP. Necessary proposal and provision should be explicitly mentioned in the mining and PMCP chapters.
 34. Air, water, vibration monitoring and its stations are not proposed in para 8.3.
 35. The mine is located on hill slope. Hence adequate proposals should be incorporated like controlled blasting techniques, erecting retaining walls, check dams, parapet walls to ensure safe and systematic mining for ensuing five years. Being the hilly terrain suitable fencing proposals are to be given in PMCP at para 8.3.
 36. All the proposals should be made within the ML only.
 37. There are several typographical mistakes which requires to be corrected.
 38. All the annexures should be attested by qualified persons for their authenticity.

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39. KML file shall also be submitted alongwith final submission in a soft copy with a print out which is to be placed in the text as an annexure.
40. Two CDs covering the entire document and plans should be enclosed at the time of final submission. Undertaking in this regard by the qualified person should be given that the CD contains the same text & plates as submitted in hard copy.

Plates

41. Surface plan is not depicting all surface features of ML area. It is varying substantially. Excavation within ML area is not marked completely
42. Three GCP are not indicated on surface plan. Prominent wind direction is not indicated.
43. Reclamation plan- Air, water, vibration monitoring and its stations are not indicated.
44. Financial area assurance plan is not prepared as per guideline. Only out lines should be indicated. Table showing area put to use is also not shown.
45. One composite section shall also be given for all five years excavation proposal.
46. Except Environmental Plan, all other plans & sections should be restricted to mine lease area only. No proposal should be made outside the ML area.
47. The plantation done so far is not shown/ evident in SP.
48. On conceptual plan, existing plantation is not reflected.
49. Level of exploration on all the G-axis shall be explicitly marked on surface geological plan.
50. Conceptual plan-. Only conceptual position of pit at the end of lease period or mine life whichever is early shall be given.
51. Exploration proposals shall be marked on SGP.
52. Sections depicting year wise excavation proposals shall be superimposed on geological sections only. No new arbitrary section to be given.
53. More sections on geological plan showing UPL shall be given.
54. As per KML file there is a slight deviation with respect to orientation of lease boundary.
55. Plate 3A to 3E Proposed Development plan – the mining in 1st Year proposal of lower level where as in year V it is upper level which is not technically correct for systematic minng pls refer proposed mining near FF' section line towards east (i.e. in SE portion of ML area)
 - i) Composite section over section line perpendicular to section FF' be provided for all 5 years proposed period.
 - ii) Waste dump is proposed over limestone mineralized zone refer plate 3A to 3E which is against mineral conservation. Further through various sections the toe of the dump is not safe and secure.

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- iii) Review the original ground profile shown in section FF' which is not appearing correct w.r.t. contours given in Surface Geological Plan (SGP) / Surface Plan (SP).
56. Refer plate 4 Reclamation Plan (RP) – As per actual ground profile revealed from satellite image, no virgin land exists along line P11-12-13 etc.
- (i) Also refer section B-B', dump is made along a constructed wall and not along natural ground, which is not correct.
- (ii) Section @ BB' in Reclamation plan is altogether different with respect to the same in Geo section. It is a very serious error in making and submitting proposals and estimating R&R with such random plans and sections.
57. Conceptual sections are not given in Plate 6. It should be given on all Geological sections.
58. Geo-section
- (i) For depicting and estimation /calculation of R&R the pit design and bench profile is not considered only vertical benches are shown which is not correct.
- (ii) Sections are not depicting true ground profile and also not matching with given plan. Thus the review of R&R given in text is also appearing erroneous which should be based on section.

Annexures

59. Most of the annexures are not legible and are photocopy of photocopy thus having lot of unwanted old stamps and seals.
60. Copy of lease deed not enclosed.
61. No latest photographs annexed as per guidelines.
62. Photo Id card of lessee not given
63. Some unnecessary annexures are attached which are not mentioned in guidelines. Further no supporting narration is there depicting basis of annexing those annexure.

End of Comments

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