

MOIONG BLOCK-I LIMESTONE MINE

MINING PLAN INSPECTION REPORT
INSPECTED BY - SK MOHAPATRA
DATED: 23.3.2017

TEXT

1. The statutory rules and provisions under which the review of mining plan along with progressive mine closure plan has been prepared and submitted (i.e. under Rule 17(1) of MCR 2016 and Rule 23 of MCDR 2017) are incorrectly quoted on the cover page, certificate and other places of the plan. This defect should be rectified.
2. Index, List of Annexure and List of Plates needs to given before introduction chapter of review of mining plan.
3. In Introduction chapter, details grant of mining lease, execution of mining lease, approval of mining plan and subsequent scheme of mining schemes/review of mining plans, status of environment clearance and other statutory information needs to be described with documentary evidence. Further list of active PL and ML in the name of the company needs be furnished not all expired PL and ML.
4. Respective annexure number needs to furnished everywhere in the text for which documentary evidence has been annexed.
5. Name of the mine needs to be rectified in page no.6. Further it has mentioned that lease deed is annexed as Annexure-1, whereas Annexure-1 in the submitted document is grant letter of mining lease, requires rectification.
6. Documentary evidence of approved mining plan/ scheme of mining/review of mining plan along with PMCP need to be annexed.
7. In page no-9, it has been mentioned that two bore hole were drilled and bore hole logs area attached as annexure----, the same has to be rectified and further bore hole log sheets should be signed by the concerned geologist and the chemical analysis report of the recently drilled borehole to be annexed.
8. Sections should be drawn at equal intervals and it should cover the entire lease area for calculation of resource/reserve. Qualified person is advised to estimate the resource/reserve with proper guideline and code of UNFC table is to be revised accordingly especially for remaining resources i.e. for feasibility/pre-feasibility mineral resources.

9. The review of mining plan period is 2017-18 to 2021-22. But under mining chapter, the proposed production has shown for 3 years, i.e. 2017-18 to 2019-20 and under life of mine balance reserve 59234 tones has shown after 3 years and explain that the life of the mine will be 3.5 years. Reason for the same has not explained anywhere and regarding proposal for the remaining two years to be furnished.
10. Year-wise development: Bench height, width, bench slope angle, name of the section along which development has been proposed, location, direction of advancement, top RL, bottom RL, quantity of ROM, quantity of generation of waste, stripping ratio, etc should be furnished in tabular form under each year-wise development proposal.
11. Conceptual mining Plan: Dimension of the pit, generation and disposal of waste, reclamation and rehabilitation programme during plan period and conceptual period should be describe under separate sub-headings with desired calculation.
12. In page No.30, under waste disposal, it has mentioned that about 32441cum of waste will generated during next 3 years and will be back filled over statutory barrier. But under reclamation & rehabilitation, it has mentioned that the generated waste will be used for back filling of exhausted area and the same has been shown part of the existing quarry in the respective plans. Qualified person advised to provide a fair data with proper justification and calculation of quantity, area and height.
13. Calculation of machineries as per the production schedule with proper justification should be furnished.
14. Employment Potential; No of drivers, operators, helpers, etc should be appropriate as per the list of machineries.
15. Area retained for safety barrier zone has not been calculated in existing land use table in PMCP chapter.
16. Financial Assurance; Bank Guarantee has to be submitted as per Rule 27 of MCDR 2017 to RCOM, IBM, Guwahati.
17. Feasibility report is not enclosed with the review of mining plan, which is mandatory.
18. Annexure submitted with the mining plan are obscure. Legible copy of annexure to be submitted.
19. Certificate of competent Surveyor who conducted the field survey of the area should be annexed.
20. Qualified person is advised to signature with name mentioned below in each and every page of the document along with the annexures.

PLATES

1. Authenticated Lease map is not attached.
2. Location of lease area to be corrected in Key Plan.
3. Surface plan is not matching with the existing field condition. Therefore the area needs to be resurveyed and prepare the surface plan along with all other plans and sections accordingly. Further surface pan should be signed by the surveyor who conducted the field survey of the area.
4. Geological Plan & Sections:
 - i) Index for mining lease boundary of geological plan should be matched with geological sections other respective plans & sections.
 - ii) Dip & strike has not shown in plan but shown in index.
 - iii) Section lines should be drawn in equal intervals and covering the entire lease area.
 - iv) Remove Limestone, Siliceous Sandstone, Siliceous Limestone from the geological sections and respective sections for clear distinguishing as index has been furnished for the same.
5. Year-wise development Plans & sections: Index for year-wise proposal is not prominent and should be furnished in a clear and distinguishable manner in plans and sections and Year-wise plantation should be shown in different colors in respective plans.
6. Land use pattern and settlements, roads, monitoring stations and other permanent features within 500m radius boundary are not shown in environment plan. Further contours, existing workings and other features within 60m radius boundary should be rectified.
7. Index under geological legend in reclamation plan needs to be rectified.
8. Conceptual plans and sections should be prepared considering the geological Plan & sections. The back filling shown in conceptual plan seems arbitrarily and should be furnished with proper justification both in text and maps with proper index.
