



भारत सरकार GOVERNMENT OF INDIA
खान मंत्रालय MINISTRY OF MINES
भारतीय खान ब्यूरो INDIAN BUREAU OF MINES
क्षेत्रीय खान नियंत्रक के कार्यालय
OFFICE OF THE REGIONAL CONTROLLER OF MINES

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No. BBS/KJR/MN/2181/FMCP/2022-23

Date: 12.09.2022

To

Shri T V Narendran, Managing Director,
M/s Tata Steel Ltd,
At/P.o- Jamsedpur,
Dist – East Singbhum,
Jharkhand – 831001, Email-mdoffice@tatasteel.com

Sub: Approval of Final Mine Closure Plan of Manmora Manganese Mine over an area of 39.42 ha in Sundargarh district of Odisha State, submitted M/s Tata Steel Ltd under Rule 24 of MCDR, 2017.

Ref: - i) Your letter No. GM/OMQ/43/11-A/22 dated 15.07.2022 received on 24.08.2022.

Sir,

This has reference to the letter cited above on the subject. The draft of Final Mine Closure Plan (FMCP) has been examined in this office based on site inspection carried out on 11.08.2022 by Shri S K Mahapatra, Senior Mining Geologist. The deficiencies observed are enclosed herewith as Annexure - I.

You are advised to carry out the necessary modifications in the draft Final Mine Closure Plan in the light of the contents vide Annexure - I and submit **three (3) firm bound and two (2) soft copies of the document text in CD in a single MS Word file (the drawing/plates in Auto CAD compatible format or JPG format in resolution of 100x100 pixels on same CD)** with financial assurance under Rule 27 of MCDR 2017 of the Final Mine Closure Plan within **15 (fifteen) days** from the date of issue of this letter from the date of issue of this letter, for further necessary action. If the total page of annexures exceeds 50 (Fifty) then it should be submitted as separate volume. But reference of these annexures must appear in the Final Mine Closure Plan document. The plates are also to be submitted in separate volume.

The para-wise clarifications and the manner in which the deficiencies are attended should invariably be given while forwarding the modified copies of the Final Mine Closure Plan. It may be noted that no extension of time in this regard will be entertained and the Final Mine Closure Plan will be considered for rejection if not submitted within above due date . It may also be noted that if the deficiencies are not attended completely, the submission would be liable for rejection without further correspondence.

भवदीय

(बाबुलाल गुर्जर)

क्षेत्रीय खान नियंत्रक

Copy for kind information :-

- The Controller of Mines (EZ), Indian Bureau of Mines, CP-13, Sector V, Salt Lake City, Kolkata-700 091.
- Shri Pinku Kumar, Qualified Person by Email- pinku.kumar@tatasteel.com

(बाबुलाल गुर्जर)

क्षेत्रीय खान नियंत्रक

Scrutiny comments on examination Final Mine Closure Plan in respect of Manmora manganese Mine, over an area of 16.350 Hectares in Keonjhar District of Odisha State of M/s. Tata Steel Ltd.

Points to be Rectified/Inserted

1. As per Rule 24(1) of MCDR 2017 that the mining lease holder is required to submit a final mine closure plan to the competent authority for approval two years prior to the proposed closure of the mine. However, in this instances proposal period is 2022-23 to 2026-27, which is not acceptable as per statute. Hence the entire FMCP document needs to be prepared as per the prescribed format of IBM manual for Appraisal of Final Mine Closure Plan 2022.
2. The lease period furnished in the cover page seems incorrect, the same needs to be reviewed and reproduced properly.
3. Consent letter from the lessee has not been furnished with the document.
4. Certificate from the qualified person has not been furnished in the said document.
5. The reason for closure has not been enumerated in the introduction chapter of the submitted document.
6. Period of lease furnished in para 1.2.4 needs to be reviewed and reproduced properly.
7. As per the details furnished under para 1.3; the lease has no valid mining plan document since 01/04/2020. Reason for the same may be enumerated.
8. The details furnished under para 1.4 (1.4.1-1.4.32); PART-E; review of earlier approved proposal given in the RMP is not correct. The same needs to be furnished with details of specific period of proposal and actual work done.
9. The details furnished under para 2.1 (v) i.e. Rainfall data; the figure showing mean rainfall pattern during 1971-2000, needs to be deleted.
10. The details furnished under para 2.2.3; details of sample analysis needs to be reviewed and reproduced properly.
11. The details furnished under para 2.2.6; blocked resources under various modifying factors needs to be reviewed and reproduced properly in view of the threshold value of the manganese ore mineral. Accordingly the under para 2.3 needs to be updated with a date of estimation.
12. As the FMCP is being submitted under Rule 24(1) of MCDR 2017, i.e. two year prior closing of the mine, the year-wise excavation should be proposed accordingly. Hence details furnished under para 3.1 – 3.4 needs to be reproduced properly.
13. Details furnished under chapter-IV, also needs to be reviewed and reproduced inline to the comments furnished above (Sl.No.13).
14. The details of reclamation proposal furnished under 5.1.1 are incorrect. The same needs to be reviewed and all proposals should be co-terminus with FMPC period.
15. A suitable afforestation with specific timeline may be proposed under para 5.1.3.
16. The details furnished under para 5.1.15; i.e. Time scheduling for closure is incorrect. The same needs to be reviewed and reproduced properly.
17. The details furnished under para 5.1.17; i.e. Post closure monitoring proposal should be proposed in line to the FMCP proposal period.
18. The details furnished under financial assurance table needs to be reviewed properly. Further the details amount of bank guarantees needs to be furnished under para 5.4.
19. All existing surface and geological features shown in the geological plan needs to be shown in geological sections.

