



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/SNG/LST-DOL/2180/FMCP/2022-23

Date: 06.09.2022

To

Shri Gourang Jalan, Legal Heir of  
Shri Ram Avtar Jalan, J.D.L dhararura Mine  
At/P.O- Dharura Kukuda, Dist – Sundargarh,  
Odisha – 770023, Email-jdlmines@gmail.com

Sub: Approval of Final Mine Closure Plan of JDL Dharuara Limestone & Dolomite Mine over an area of 39.42 ha in Sundargarh district of Odisha State, submitted Shri Ram Avtar Jalan under Rule 24 of MCDR, 2017.

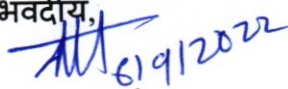
Ref: - i) Your Qualified Person letter No. Nil dated 13.08.2022 received on 22.08.2022.

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 02.09.2022 by Shri S K Mahapatra, Assistant Mining Engineer. 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 :-

(i) The Controller of Mines (EZ), Indian Bureau of Mines, CP-13, Sector V, Salt Lake City, Kolkata-700 091.

(ii) Shri Gurupinder Singh Jaiswal, Qualified Person , Email- smsmines@gmail.com

  
(बाबुलाल गुर्जर)  
क्षेत्रीय खान नियंत्रक

**SCRUTINY COMMENTS ON EXAMINATION OF FINAL MINE CLOSURE PLAN FOR THE LEASE EXPIRING ON 20.02.2024 IN RESPECT J D L DHARAURA & KUKUDA LIMESTONE & DOLOMITE OF SHRI R A JALAN, OVER AN AREA OF 39.42 HECTARES, LOCATED IN VILLAGES DHARAURA & KUKUDA UNDER SUNDARGARH DISTRICT OF ODISHA STATE, SUBMITTED UNDER RULE 24 OF MCDR, 2017.**

(1) The FMCP has not been prepared as per the guidelines specified for the purpose. The same should be prepared as per IBM Manual for Appraisal of Final Mine Closure Plan dated 30.06.2022 available in IBM website. Therefore, in view of the above, the rectification of the scrutiny items furnished below may also be incorporated in the FMCP document after correcting the FMCP Format.

(2) In the front cover, the period for the FMCP submitted is not mentioned correctly. It should for year for 2022-23 & 2023-24 upto 20.02.2024) The mine CODE to be mentioned.

(2) In the introduction chapter, in the heading of the para 1.0, a reference of Rule 25 of MCDR,2017 has been incorporated, which has no relevance with the FMCP as, The FMCP proposal is required to be re-examined carefully touching all the vital aspects which is practicable for proper implementation.

(3) The Form-J for the boreholes drilled during 2019-20 has not been furnished in the enclosed annexure.

(4) The chemical analysis report in support of the grades of limestone and dolomite enclosed as annexure- 15 but these reports are old reports analyzed during the year 2017, thus fresh report for ascertained grades to be submitted from Govt. laboratory or from NABL accredited laboratory.

(5) Fresh bulk density study report and recovery test report for both for limestone & dolomite to be submitted as Annexure from Govt. laboratory or from NABL accredited laboratory.

(06) The environmental monitoring reports on account of air, water, noise & vibration for last four seasons should be submitted either from NABL accredited laboratory or from Govt. laboratory for ease in monitoring.

Para 1.2.13: The co-ordinates of corner boundary pillars should be furnished in terms of latitude and longitude with UTM co-ordinates at the relevant places.

(07) The compliance of conditions imposed while execution of lease deed, approval of mining plan, MOEF, SPCB may be submitted with remarks, if any deficiency is observed. The relevant document may be attached as annexure with the FMCP.

(08) The production of ROM, mineral reject etc should be furnished correctly. Besides, the proposal furnished in table for handling of waste, extent of area utilization, stacking and environmental protective measures should be in line with the latest approved document. It is also found that, at many places achievement for the year 2022-23 has been mentioned, which should be addressed properly. (Para 1.4 .6, 1.4.7& 3.1)

(09) Updated reserves/resources for in-situ as well as mineralized dumps shall be reported. Along with in-situ orebody, mineralized dump, mineral rejects (grade or size rejects) stack as available at

the mine site, shall also be secured. An account of all mineralized dumps/mineral stacks shall be furnished indicating its quantity, grade, size classification/distribution and shall be shown on all relevant plans mentioning its dimensions (length, breadth and height or Area etc) The balance reserves/resources as on 01.09.2022 to be furnished correctly separately for forest and non-forest area as per guidelines, which should be furnished on the basis of valid mining plan

(10) Para 2.1 LOCAL GEOLOGY: - Brief description of updated geological information as on date about the lease area, lithological details to be submitted.

(11) Para 2.2.1: Updated extent of Geological mapping with scale, surface sampling, Number of pits and trenches; indicating explored depth, spacing etc. along and across the strike/ foliation with reference to geological plan has not been mentioned and the item has left blank.:

(12) Para 2.2.4: Expenditure incurred in various prospecting/exploration operations (as proposed in the last approved MP/RMP/MMP/SOM/FMCP period has not been mentioned . The same to be furnished.

(13) Para 2.2.6 : Blocked Resources under various Modifying Factors in terms of item no. 14 of Part-I (Definitions) of MEMC Rules"2015 to be rechecked and corrected.

(14) Para 2.3 : Balance estimated mineral reserve/ resources in different categories of UNFC (To be indicated separately for Forest and Non-forest area) As on 01.09.2022 to be furnished.

(15) Para 3.1 & 3.3 : Year-wise excavation proposals has been submitted for 2023-24 where as there is no approved excavation proposal for the period. This should be clarified in brief. The proposal should be as per existing EC limit.

(16) Para 4.1 Details of Dumps/Stacks available at the mine site to be checked and corrected.

(17) Para 4.2 & 4.4 : Details of Top Soil, Waste/OB, Mineral Rejects, Fines & Tailings/ Slimes generation during the closure period of two years to be rechecked.

(18) Para 5.1.1 Mined-Out Land: The proposals submitted to be checked and corrected and to be supported with yearly plans and sections depicting yearly progress in the activities for land restoration/ reclamation/rehabilitation, afforestation etc., as "Reclamation Plan".

(19) Para 5.1.2 Barbered wire fencing of the mine working proposed to be rechecked and corrected as per discussion during field inspection on 02.09.2022.

(20) Para 5.1.3 : Existing afforestation details shall be furnished alongwith proposals on Virgin area, Backfilled area, Dump plantation to be furnished indicating area and number of saplings alongwith Grid reference

(21) Dumps should be proposed with extension of retaining wall and garland with settling tanks with proper terracing and stabilization of slope. The dead dumps should be proposed for fully rehabilitation by plantation and with gap plantation if necessary. The proposed and existing retaining wall, garland drain and settling tanks should be clearly marked year wise on reclamation plan.

(22) Para 5.1.5: Before elaborating the details, it should clearly mentioned that there is no proposal of conversion of Mine Pit into a water reservoir/ Pisciculture purpose as the pit would not have fully exhausted till the end of the lease period.

(23) Para 5.1.7 Co-ordinate to be mentioned in respect of both the Dumps.

(24) Para 5.1.11 : Infrastructure Details : An account of infrastructural facilities available in the ML area to be given in tabular format indicating its details. Any infrastructural facility which is an essential commodity/related to basic need or which absence may cause any degradation of environment or any damage to flora and fauna in and around the ML area or any danger to public safety or public infrastructure like rail, road etc. to be clearly indicated as This shall not be decommissioned (dismantling water supply, water treatment plant, power lines etc.) without prior intimation/approval of appropriate authority

(25) Para 5.1.14 The economic repercussions due to closure of mine have not been explained properly. Besides, number of local residents employed in the mine, compensation, satellite occupations should be describe considering the impact of closure of mines in relevant paras.

(26) Para 5.1.16 Closure Cost: To be rechecked and corrected as per discussion during field visit.

(27) Para 5.3 Financial Assurance : Calculation of Financial assurance to be rechecked as the degraded land has been reduced from the Modification of Mining Plan approved on 08.02.2018. Further FA to be submitted valid up to 31.08.2024 ( Six months from the expiry of the lease period.) of the area obtained after recalculation. The rate of Financial Assurance to be submitted in case of Category 'A' mines @ Rs 5 Lakh per hecter as per Rule 27 of MCDR 2017.

(28) Plate (Surface Plan: An updated surface plan with latitude, longitude of all corner pillars should be furnished. Few pillars may be correlated with some permanent ground features giving distance and direction.

(29) Plate (Geological Plan & Sections): The mineralised area should be shown distinctly on geological plan and sections. Different level of exploration like G1, G2, G3 etc. in line with MEMC rule 2015 to be depicted on geological plan and UNFC codes should clearly furnished in sections.

(30) Plate FMCP (Environment Plan): All existing features available within 500m radius of the lease area should be clearly marked on this plan

(31) Plate financial assurance plan is required to be submitted only the area considered for Financial Asurance calculation..

(32) On examination of the proposed land degradation status of the PMCP proposal of the Modification of Mining Plan approved on 08.02.2018 and FMCP proposals are not matching, which should be reconciled accordingly.

(33) The Annexures to be page numbered and in the Index page same to be reflected against each of the Annexure.

Sanjay Kumar Mahapatra  
Assistant Mining Engineer