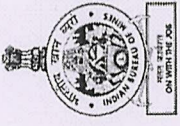




भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



Phone No. : (040)-27539992/2753993
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E-Mail : ro.hyderabad@ibm.gov.in
No. AP/ADB/MP/Mn-16/Hyd

Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date. 20.05.2019.

To

Sri Anup Kaparathi, Nominated Owner,
M/S Balaji Electro smelters Ltd.,
Post Box No.26, Plot No.B-18,
MIDC, Lohara,
Yavatmal-445 001, (M.S.)

Sub: Submission of Review of Mining Plan in respect of Pimperkunta Manganese Mine of M/S Balaji Electro smelters Ltd. an extent of 32.63 Hc. in Sy.nos.139/P,140/P,141P,142P,143/P,144,145 & 154 of Pimperkunta (V), Tamsi (M), Adilabad District, T.S. Submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no.Nil dated 10.05.2019


Sir,

With reference to your letter cited above on the subject, inspection of the mine was carried out on 18.05.2019 by Shri A.V.Ramesh Kumar, AMG, accompanied by Sri V.T.Chander, Qualified person and found certain deficiencies in the form of scrutiny comments as given in Annexure. The same scrutiny comments have been forwarded to you and your Qualified Person on e.mail ids i.e., anupkparathi@gmail.com, besvml@gmail.com & ccgeoengg@yahoo.com

02. You are advised to attend these deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (2Nos.). In this regard you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,


20/5/19

(Shailendra Kumar)
Regional Controller of Mines

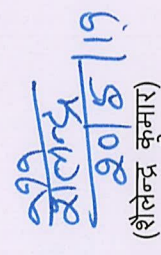
Copy to Sri V.T.Chander, Q.P. for information and necessary action.


20/5/19

(Shailendra Kumar)
Regional Controller of Mines

मूल पति पर नहींकः

खान नियंत्रक (द), भारतीय खान ब्यूरो, बंगलुरु।


20/5/19
(शैलेन्द्र कुमार)

Scrutiny comments on the Review of Mining Plan document for Pimperkunta Manganese mine over and extent of 32.63 ha of M/s Balaji Electro Smelters Limited in Pimperkunta Village,Tamsi Mandal,Adilabad District,Telangana State.

Name of the Inspecting Officer: Sri A V Ramesh Kumar, Assistant Mining Geologist

Name of the Qualified person accompanied: Sri V T Chander, QP.

Date of Inspection: 18.05.2019.

Introductory Notes:

1. The Cover page should display with the details like lease period (Grant & Expiry Date), Mine code, IBM registration no, proposed plan period with effective Plan period, Lessee's Address, Qualified person's addresses including mail id and contact nos.etc.
2. On page No.2,para no.5 is not relevant, it needs to be deleted.
3. Under para 3.3.,Table-3,Reasons were not mentioned for not carrying out the proposed exploration given in the previous approved. This aspect needs to be justified and commented upon.

Geology & Exploration:

4. The future exploration programme to be covered the entire potentially mineralized zone and it should be as per the format given below:

Year	No. of boreholes (Core/RC/DTH)	Grid interval	Total meterage	No. of Pits, dimensions and volume	No. of Trenches, dimensions and volume

5. The Mineral Resources estimated as per the level of exploration to be incorporated as per the following table:

Level of exploration	Resources in Million tones	Grade

6. In the Geological Plan, mineralized zone has not been marked. This needs to be marked distinctly.
7. The reserves/Resources are to be estimated by way of Cross sectional method instead of Volumetric method. Accordingly, reserve/resources need to be recasted.
8. The Reserves/Resources are not furnished according to proper UNFC codification thereby mentioning cut off grades and threshold values considered for the estimation in terms of MEMC Rules(Minerals(Evidence of Mineral Content) Rules 2015. For the purpose of ascertaining the UNFC code following procedure may be adopted –
 - (i) Identify the category of your deposit as per MEMC Rules(Minerals(Evidence of Mineral Content) Rules 2015 guidelines (out of category I to IV)
 - (ii) Classify status of exploration based upon the parameters furnished under the specified table for Geological Axis i.e. G1, G2, G3, G4 etc. and also mark it on relevant plan & sections.

(iii) Now based on the stage of your study identify status of Feasibility Axis as per the relevant table i.e. F1, F2 or F3. A proper feasibility or prefeasibility report having useful information on social ecological aspects, various clearances & permissions, statutory obligations, market sensitivity, cost variation, historical sale value data, cost analysis with cash flow, cost of production, sale value etc to assess economic viability is to be furnished.

(iv) Based on the information contained in Prefeasibility or Feasibility study, furnish the cost benefit analysis for Economic Viability i.e. E1, E2 or E3. Under the Economic axis, the criteria under which a mineral may be considered as Semi-Precious Stones and methodology to achieve the required grade should be mentioned instead of cut off grade based on the size criteria.

(v) Combining EFG axis will give the relevant UNFC code for reserve and resources.

Mining:

9. The reason for adopting A other than fully mechanized method of mining need to be commented upon with justification.
10. The comment on page no.48 “No change in method of mining” is not correct, it was proposed to carry out as per A, Other than Fully Mechanised method. This needs to be corrected.
11. The area under excavation and other allied activities to be given on year-wise basis.
12. The extent of mechanization details should be incorporated after Mining chapter. To be modified accordingly.
13. The Conceptual Plan be drafted to visualize the total exploration, development, waste generation up to the lease period in the remaining five year blocks of the balance lease period. It should be based on the long term design parameters of the mine covering all the mining and allied activities. All the activities should be furnished with extent of area and quantity involved in the form of five yearly blocks up to the end of lease period.
14. The number of pits and their extent to be given in a tabular form.
15. Adequacy of Machinery particularly Shovel need to be discussed in detail taking into consideration its capacity, Size & volume of material to be handled.
16. Instead of water Regime, this chapter needs to be renamed as Mine Drainage.
17. The Details of Topsoil to be handled needs to be as per the format mentioned below:

Year	Topsoil(Cum)	Mineral Rejects(Cum)	Blending	Beneficiation
	Reuse/Spreading	Storage	Backfillinh	Storage

18. The different heads under the chapter have not been dealt with such as 4(b),(c) pertaining to proposed dumping ground and disposal of waste etc.

Progressive Mine Closure Plan

19. Environmental Impact Assessment under various heads to be discussed in detail and a copy of the EIA submitted to MOEF for obtaining Environmental Clearance to be enclosed.
20. Para 8.3.2(Top Soil management): The year-wise top soil generation should be furnished in a tabular manner.
21. Para 8.3.5: The information on protective measures for reclamation and rehabilitation works year wise may be provided as per the following table.

SUMMARY OF YEAR WISE PROPOSAL FOR ITEM NO. 8.3

Items	Details	Proposed	Actual	Remarks
Dump Management	Area afforested (ha)			
	No of saplings planted			
	Cumulative no of plants			
	Cost including watch and care during the year			
	Area available for rehabilitation (ha)			
	Afforestation done(ha)			
Management of worked out benches	No of saplings planted in the year			
	Cumulative no of plants			
	Any other method of rehabilitation (specify)			
	Cost including watch and care during the year			
	Void available for Backfilling (L x B x D) pit wise /slope wise			
	Void filled by waste /tailings			
Reclamation and Rehabilitation by backfilling	Afforestation on the backfilled area			
	Rehabilitation by making water reservoir			
	Any other means (specify)			
	Area available (ha)			
	Area rehabilitated			
	Method of rehabilitation			
Rehabilitation of wasteland within mining lease				
Others(Specify)				

22. Para 8.6(Financial Assurance): The area put to use under sub heads such as “Area under Mining” need to be corrected.

23. The feasibility report should be as per format prescribed under Part-V of MEMC Rules 2015.

Annexure:

24. Detailed lithologs along with chemical analysis for drill holes carried out to be enclosed as annexure.

Plates:

25. Plate-I(Key plan): Approach road to the ML area has not been shown.

26. Plate- III (Surface plan): The boundary co-ordinates X, Y, Z are missing in the surface plan. They need to be incorporated.

27. In the plate No.X (Reclamation Plan):The year wise proposed area to be reclaimed by backfilling to marked, instead of showing total area to be reclaimed.

28. In plate no. XII(Environment Plan), various monitoring stations for Air/Noise/Water quality need to be marked at all strategic locations such as loading/unloading, plant/office/crusher etc. Further, all the features should be properly indexed.

29. Necessary corrections should be incorporated in all relevant plates accordingly.