



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 MPM/OTFM/14-ORI/BHU/2018-19

दिनांक / Date: 28.06.2018

To

Shri M. D. Rustagi,
Director & Nominated Owner,
M/s Rungta Sons (P) Limited,
Rungta Office, Main Road, Barbil,
Dist-Keonjhar, Odisha – 758 035.

Sub: Approval of Modification of Mining Plan of Katasai Manganese Mines over an area of 196.860 ha in Keonjhar district of Odisha of M/s Rungta Sons Private Limited submitted under Rule-17 (3) of MCR, 2016 and Rule 12 (4A) of Mineral Conservation and Development (Amendment) Rules, 2018.

Ref: - i) Your letter no. RSPL/ED/GEO/2018-19/269 dated 21.06.2018 received on 25.06.2018.
ii) This office letter of even no. dated 25.06.2018.
iii) This office letter of even no. dated 25.06.2018 addressed to the Director of Mines, Govt. of Odisha, copy endorsed to you.

Sir,

This has reference to the letters cited above on the subject. The draft Modification of Mining Plan along with Progressive Mine Closure Plan has been examined in this office based on site inspection carried out on 14.04.2018 by Shri G. C. Sethi, Deputy Controller of Mines. The deficiencies observed are enclosed herewith as Annexure-I.

You are advised to carry out the necessary modifications in the draft Modification of Mining 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 should be submitted in Auto CAD compatible format and JPG format in resolution of 100x100 pixels on same CD)** with financial assurance under Rule 27 of MCDR' 2017 within 15 (fifteen) days 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 Modification of Mining 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 Modification of Mining Plan. It may be noted that no extension of time in this regard will be entertained and the Modification of Mining 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 / yours faithfully,

(HARKESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

Copy for kind information and necessary action to:

1. Dr. P. K. Mallick & Dr. S. K. Dash, Qualified Person, M/s Rungta Sons (P) Limited, Rungta Office, Main Road, Barbil, District-Keonjhar, Odisha-758035.

(HARKESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

SCRUTINY COMMENTS ON EXAMINATION OF MODIFICATION OF APPROVED MINING PLAN ALONG WITH PROGRESSIVE MINE CLOSURE PLAN OF KATASAI MANGANESE MINE OF M/S RUNGTA SONS (P) LTD., OVER AN EXTENT OF 196.860 HECTARES, LOCATED IN KATASAI VILLAGE, UNDER BARBIL TAHSIL OF KEONJHAR DISTRICT OF ODISHA STATE, SUBMITTED UNDER RULE 17(3) OF MCR, 2016.

(1) On examination of the contents for the text, it is found that, the document has not been prepared as per the universal format for mining plan. The chapter 11 has been mentioned to be for Progressive Mine closure Plan under Rule 23 of MCDR, 1988, instead the PMCP under Rule 23 of MCDR, 2017 should be mentioned.

(2) In the introduction chapter, one of the main reason for submission of modification of mining plan is for compliance of Rule 12(4A) of MCDR, 2017, whereas, in the front cover, in consent letter/undertaking/certificate from the applicant and also in the certificate from the qualified persons, the document has been submitted under Rule 17(3) of MCR, 2016, thereby necessary incorporation/ corrections may be made as per the requirement of the modification.

(3) The copy of the resolution of the board of directors enclosed as annexure-15 is not clearly legible, thereby a fresh and legible copy of the same should be submitted replacing the enclosed one for more informative.

(4) The blasters license is stated to be enclosed as annexure-24 but a mine foremanship certificate in favour of Shri D.K. Sahoo has been enclosed.

(5) The chemical analysis report in support of the grade of manganese ore has not been submitted, which should be obtained either from Govt. laboratory or from NABL accredited laboratory and enclose along with the document.

(6) The analysis reports for grade of the dumps from NABL accredited laboratory/Govt. laboratory also required to be submitted.

(7) On examination of the table-2 furnished in page no. 3 of the document, it is found that, no changes are proposed in Mining, Drainage, stacking of mineral rejects/sub-grade material & disposal of waste, Use of mineral & mineral rejects, Processing of ROM & mineral rejects and Others chapters but the contents of the above chapters proposed during the last approved document has not been reproduced, which should be incorporated with a note that, no modification is required in such & such chapters. (Page No. 3)

(8) In the table No. 3.5, given in the para under reference, the unit of proposed quantities of sub-grade ore is missing. Besides, against the proposed generation of 3858 sub-grade ore, the actual generation status is indicated to be Nil, whereas in the remark column of the table, a mention has been made that, no sub-grade ore was generated due to selective mining, which is not the proper, instead the valid reasons for not generation or less generation of sub-grade material needs to be properly justified based on the scientific ground. Accordingly, corresponding changes may also be made in other places of the document. (Para 3.3.6)

(9) The exploration schedule for 78 nos. of coring boreholes has been proposed during 2018-19 but the depth of the bore holes are not mentioned, which should be indicated. Besides, it is also to be mention that, the drilling of the boreholes can be extended maximum upto 300m even if the existing holes are not terminated in the ore zone. The entire area of mineralisation should be proposed under exploration during 2018-19 at least upto G2 level. The exploration schedule may also be revised accordingly as per the requirement. In view of the above, as required under the Minerals (Evidence of Mineral Contents) Rules, 2015, entire potentially mineralized zone to be explored at least under G2 level of exploration. Further, details of exploration to be given as per following format:

Sl.No	Year	BH No	Northing	Easting	Collar RL	Core/RC/DTH	Metage	Inclination	Forest/Non-Forest/ diverted Forest	Surface Right/ Non-Surface	Purpose of BH
1	2018-19	PBH 01									
2	2018-19	PBH02									
Total						Total BH	Total mts				

At the end of the table cumulative number of proposed BH in forest area, non-forest area, diverted forest area, Surface right area and non -surface right area to be given. Same has to be depicted on the geological plan. (Table 4.5)

(10) In the contents for plates, the plate/drawings submitted for conceptual plan is numbered as DRG No. 8, whereas the same has been numbered as DRG No.10 in the enclosure side. Likewise, the Financial Assurance Plan & Conceptual sections are numbered as DRG No. 10 & 8A respectively in the index, instead of DRG No.8 & 10A in the enclosure part, thereby the matching reference both in contents as well as in enclosure side should be ensured.

(11) DRG No. 02A (DGPS Surveyed forest patches map): (i) As per the contents for plates, the enclosed map is considered as DGPS surveyed map. Moreover, the plate has been prepared by Natural Resources Management & Techno Consultancy Services but the same has not been authenticated by the competent authorities of State Govt. for its acceptability. (ii) Further, no geo-referenced map/plan as per the requirement of CCOM circular No. 2/2010 has been submitted.

(12) DRG No. 04 (Geological Plan): As per the Minerals (Evidence of Mineral Contents) Rule, 2015, the level of exploration at different stages (G1,G2,G3,G4) and unexplored area should be properly defined in tabular format and the same should be marked on the geological plan. (ii) The exploration proposal covering the entire lease area to the G2 level of exploration maximum upto 300m depth should be proposed, where the ore body has not been terminated and the same should be completed before 31.03.2019. Accordingly, necessary modifications /incorporations may also be made in Geology and Exploration chapter & any other places of the document.

(13) DRG No.4A,4B,4C (Geological Sections): The mineralized 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. Besides, the geological index given in the geological sections are not matching with that of the geological plan, thereby the indexing as well as the lithology for sections should be revised in such a way that, the same will match with the geological plan.

(14) DRG No.08 (Conceptual Plan): Conceptual plan & sections should be furnished showing the details of mining activities upto the lease period & the plates may be revised accordingly.