

**SCRUNITY COMMENTS OF ‘3<sup>rd</sup> MODIFICATIONS TO THE APPROVED REVIEW AND UPDATION OF MINING PLAN’ IN RESPECT OF KALBURGI CEMENT LIMESTONE MINE (ML NO. 2612) OF M/S KALBURGI CEMENT PRIVATE LIMITED, OVER AN AREA OF 446.77 HA. SITUATED NEAR CHATRASALA VILLAGE, CHINCHOLI TALUK, KALABURGI DISTRICT OF KARNATAKA STATE**

**COVER PAGE**

1. Name of the document may be corrected as ‘3<sup>rd</sup> Modification to the approved review & updation of Mining Plan’ at all places in the text part, consent letter, certificates and plates.
2. Under Category it is to be mentioned as A (Fully Mechanised)/Opencast/ Private/Captive on the cover page.

**INTRODUCTION**

3. State wise leases already held by the applicant/ applied for indicating type of minerals, area, location etc. to be furnished in the appended table.

Sl No	Lease reference no. & date	Area	Postal address/location	Type of minerals	Working /Non working	Status of approval of Mining Plan	Date of execution & dt.of expiry	Remarks

4. Under purpose, the reasons for the previous modifications and present modification along with the period may be given clearly.

**GENERAL**

5. Para 2.0(b): In topo sheet no with Latitude & Longitude of all corner boundary pillars ,a note has to be attached that the DGPS readings of all the corner boundary pillars has not been certified by the State Govt.
6. Para 3.1: Reasons for modification may be given in the remarks column by inserting additional column.
7. Para 3.3.1: In Table No.2, Reasons for deviation for not carrying the exploration in the year 2017-18 may be given in the remarks column.
8. Para 3.3.2a: In review of development, review positions may be given up to up to 31.03.2018 for F.Y. 2017-18.
9. Para 3.3.2b: In review of production, review positions may be given up to up to 31.03.2018 for F.Y. 2017-18.The % usage of limestone from the limestone stock may be given and contribution of the same to the total production planned & achieved
10. Para 3.4: The updated status of compliance of violation pointed out by IBM may be given.

**PART - A**

11. Para 1.0 (e): (i) The no. of boreholes indicating the diameter, spacing, inclination, collar level & depth year wise may be given in a tabular column.(ii)In the last para the maximum & minimum depth may be given appropriately.

12. Para 1.0 (i): (i) Heading may be changed as one year instead of three years in the future programme of exploration. (ii) The exploration programme for the year 2018-19 may be enclosed in this para and proposal for 2017-18 may be deleted.
13. Para 1.0 (j): (i) The total no. of boreholes already drilled may be corrected as 147 instead of 136. (ii) The Reserves/Resources as per UNFC may be updated as on 31<sup>st</sup> March 2018 in Table No.4. The Reserves/Resources is not matching with the previous approved document, as no further exploration is carried out in the year FY 2017-18. (iii) Depletion of Reserves during review of MP may be updated upto 31<sup>st</sup> March 2018. Additional reserves estimated during the scheme of Mining period may be either kept as approved in the previous approved document or estimation may be done as per the actual exploration carried out with supporting report and re-estimation of Reserves & Resources may be done accordingly. (iv) The updated reserves/resources may be given as on 01.04.2018 in Table No.8.
14. Para 2.0 (a): (i) the existing dimension of the pit may be given under existing method of excavation. (ii) The advancement of pit direction may be corrected.
15. Para 2.0 (b): (i) Unnecessary information pertaining to last document may be deleted and proposed development & working proposals may be indicated in this para. (ii) The tonnage conversion factor (TCF) for Balck cotton soil may be given along with Tonnage in all the tables. (iii) There is no proposal for working in the fifth bench and converting the same into sumps. The same may be deleted. (iv) In Insitu Tentative excavation proposal table, top soil, OB, recovery % may be given including the limestone proposed to be utilized from the stock. Along with m<sup>3</sup> all the figures in tonnage may be given. (v) The tentative year wise utilization of limestone from the stock may be given. (vi) The stripping ratio given in table no.9 is not matching with the SR given in the In situ Tentative excavation table. (vii) In Table No.8, since there is no proposal of any working in the 5<sup>th</sup> Bench, the same may be deleted.
16. Para 2.0 (e): Working and disposal of waste with respect to UPL may be described in detail.
17. Para 2.0 (f): (i) The proposed exploration is given for the year 2017-18. The same may be corrected accordingly. (ii) The shale exposed is not proposed to be mined out during this modification & review of Mining Plan period. The same may be corrected. (iii) The land use pattern wrt top soil & OB dump may be checked & verified.
18. Para 4.0 (a): The nature & quantity of top soil & OB may be discussed in this para, along with manner of disposal of OB, height & precaution envisaged for confinement of the OB dumps.
19. Para 4.0 (b): This para may be rewritten as per the requirement. The proposed dumping ground of OB within the lease area be proved for presence or absence of mineral and be outside/ Inside the UPL with proper justification.
20. Para 4.0 (c): In this para, attach a brief note indicating the manner of disposal of OB, configuration & sequence of build –up of OB dumps along with proposals of protective measures.
21. Para 5.0 (a): The clinker capacity and requirement of limestone may be corrected.
22. Para 8.2 (i): The land use pattern likely to be degraded may be verified at all places in the text.
23. Para 8.2(vi): The survival rate along with the species proposed to be planted may be given under afforestation programme.

24. Para 8.3: Progressive reclamation plan may be given only till the plan period. Table 8.3.1 may be corrected accordingly.
25. Para 8.3.2: The storage & usage of top soil may be enumerated in this para.
26. Para 8.5.1 (a): The life of the mine may be corrected.
27. Para 8.6: The financial assurance table may be rechecked and financial assurance amount may be worked accordingly.

## **PART-B**

### **28. PLATES:**

- a) Key Plan (Plate No.1): (i) Approach roads to the lease area may be marked. (ii) The leases surrounding the said ML may be marked with mane of the company.
- b) Geological Plan (Plate No. IV): G1, G2 & G3 area with their extent may be shown in this plan.
- c) Production & Development Plan 2018-19 (Plate No.V-E) : The interval of the Y axis in the section may be decreased along section line K-K’.
- d) Financial Assurance Plan (Plate No.VII): The F.A table should be incorporated as per para 8.6 of text part. Detailed breakup of the area to be marked on the plate with different colour.
- e) Environment Plan (Plate No.X): (i) proposed environmental monitoring station at core-zone should be properly reflected. (ii) One water monitoring station to be proposed in the stream passing through the ML area. (iii) Proposed year-wise afforestation and other environmental protection measures should properly highlighted in plan.(iv) The Environmental Plan may be drawn on 1:2000 scale.

### **29. Annexure:** Following items are required to be annexed with the document:

- a) Consent letter/Undertaking /Certificate from the applicant must be in original.
- b) Latest analysis report of air, water, noise, soil and Ground vibration may be enclosed.
- c) Annexure XII & XIII may be updated.
- d) Annexure XVI may be removed, if there is no proposal for further exploration in the plan period.

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