

QAR; 'SCRUNITY COMMENTS ON DRAFT 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

GENERAL

All the Tables may be numbered serially.

Letter of extension of lease period upto 8th Nov. 2059 may be obtained from the State DMG; else lease period may be given as per the lease deed at all the places in the document, consent letters, annexure & Plates.

COVER PAGE

1. Name of the document may be corrected as 'Review & updation of Mining Plan including Progressive Mine Closure Plan' submitted under Rule 17(1) of MCR ,2016 & Rule 23 of MCDR,2017
2. Expiry of Lease may be given in accordance with the Lease deed.

GENERAL

3. Para 3.3: Review of the earlier approved proposals in respect of exploration, development & excavation may be given upto 31st Oct.2018.
4. Para 3.4: The compliance column may be corrected and updated status may be given.

PART - A

5. Para 1.0 (d): Cost incurred per Metre of core drilling may be given with total expenditure incurred in exploration for the year & cumulative.
6. Para 1.0 (e): (i) Instead of Not applicable, no pits & trenches have been done may be mentioned. (ii) The area covered under G1,G2,G3 & G4 level of exploration may be given in this para.(iii) In Table No.3,the year of drilling may be given with sub total holes & meterage and at the end the total holes & meterage drilled. The break up information furnished in this table must match with information furnished in Table No.2(Pg No.9)
7. Para 1.0 (i): The word 'entire' may be deleted from this para.
8. Para 1.0 (i): (i) The threshold value mentioned needs correction and latest notification No.C-284/3/CMG/2017 dated 25th April 2018 may be referred and reproduced at all places in the document
9. . (ii) The second para in pg no.25 may be deleted and reference of Minerals (Evidence of Mineral Contents) Rules, 2015 may be given. (iii) Under F axis, point No.3, since there is no generation of sub grade minerals, the question of sub grade management does not arise. Hence the word sub grade management may be deleted. (iv) Under G axis, point No.1,it is mentioned that the contours are shown at 1.0 mts interval. This may be verified & crosschecked.
10. Para 1.0 (l) (a): (i) This para may be rewritten as the given statement on recovery percentage & mining losses are contradictory. (ii) The information furnished in Table no.6 wrt recovery

percentage based on the time series data is not correlated with the resource calculation. May be corrected accordingly.(iii) In table no.07,the buffer zone may be corrected as statutory safety zone. (iv)The updated reserves/resources may be given as on 01.11.2018 in Table No.8.

- 11.Para 2.0 (A) (b): (i) In this para, the top soil layer is very thin. The word ‘thick’ may be replaced by ‘thin’. (ii) In the Insitu tentative excavation table (pg no.32),the ROM from stock may be deleted and subsequently the total tentative excavation and the ROM/waste ratio may be corrected accordingly.(iii) Recovery percentage may be discussed in this para (iv) For the ROM excavated & stacked in the previous years , a separate table may be given with the Opening stock, year wise consumption proposals and balance stock in tabular form. The consumption pattern mentioned is 5%, where as the quantity planned to lift from the stock is more (refer table no.9).The same may be corrected accordingly.(v) Additional information on average quality of Cao & MgO may be furnished against each year, bench wise in table no.8.
- 12.Para 2.0 (c):Year wise removal and stacking of overburden along with extraction of mineral may be discussed in brief giving reference to the plate nos. for each year.
- 13.Para 2.0 (d):Under adequacy of HEMM equipment, the no of machines(Excavator/Loader, dumpers & drills)may be calculated based on the Maximum total material handling proposed.
- 14.Para 2.0 (e): Working and disposal of waste with respect to UPL may be described in detail.
- 15.Para 4.0 (a): The details of the proposed overburden handling year wise may be given a tabular column indicating the year, dump no., proposed quantity, Location of the dumps, area covered ,no of terraces proposed, height of each terrace, slope angle ,advancing/retreating, inside/Outside UPL and method of stabilization. The same may be marked in the respective plates as well.
- 16.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
- 17.Para 4.0 (c):In this para year wise proposal of building a retaining wall with dimensions may also be proposed and marked appropriately on the plates.
- 18.Para6.0: The sub para 6.0(b), 6.0(c) &.... up to 6.0(g) has been omitted. The details as desired in each of the sub paras may be given.
- 19.Para 8.0 (a): The Rule quoted for PMCP may be corrected as per MCDR 2017.
- 20.Para 8.1: The present monitoring location of air, water, noise and soil may be given a table under the respective subheadings and the proposed locations in Para 8.2 referring to the core & buffer zone
- 21.Para 8.2: In the table given for afforestation programme, No of Saplings and area in Ha may be specified against the column in which the information is furnished.
- 22.Para 8.3.1: In the table 8.3.1, plantation may be proposed on the dumps under dump management plan in the plan period year wise.
- 23.Para 8.6: In the financial assurance table 1.00 Ha of land is shown against mineral storage as there is no proposal of storage or stacking of mineral in the plan period. The same may be corrected accordingly.

PART-B

24. 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 name of the company & indexed.(iii) Topo sheet No may be marked.
- b) Surface Plan (Plate No.III): (i) The proposed production & development may be removed from the surface plan and only the existing position of pits, dumps, stacks and other surface features may be shown on this plan.(ii) Different colour code may be given for top soil & OB dump.(iii) Appropriate conventions may be used in preparation of plan.
- c) Geological Plan (Plate No. IV): (i)G1, G2 & G3 area with their extent may be shown in this plan.(ii) As discussed during the field visit section lines may be drawn across the entire lease area at regular interval and geological sections drawn (Plate No.IV A & B). (iii) Based on the section lines, the assessment of reserves, blocked reserves and resources may be calculated and same may be furnished in the document & annexure wherever applicable.
- d) Production & Development Plan (Plate No.V-A): This plate is not required
- e) Production & Development Plan 2019-20 to 2023-2024 (Plate No.V-B to V-F): (i)The top soil removed may be shown each year .(ii) As discussed during field visit the dumping proposal may be started from one end of the lease i.e from pillar no.18 to pillar no.16.and subsequently be marked on the respective production and development plates & necessary corrections to be made in the text part. (iii) The working sections may be drawn as per the section lines and plotted from one end of the lease boundary to the other showing all features falling on the section line.
- f) Dump sections: A separate dump sections may be given showing the height ,area covered & dump slope angles for each of the dumps.
- g) 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.
- h) Environment Plan (Plate No.X): The Environmental Plan may be drawn on 1:2000 scale.
- i) Reclamation Plan (Plate No.IX): The year wise built of retaining wall may be marked on the plan as discussed, giving the dimension of the same & to be incorporated in the text part.

25. Annexure: Following items are required to be annexed with the document:

- a) **Certificate of Lessee**: The condition of CCOM circular No:-2/2010 should be incorporated, in case of non-compliance, if complied, the necessary plans should be enclosed in support.
