



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



No. AP/NLG/MP/Lst-47/Hyd.

Room No.603,
6th Floor,CGO Towers,
Kavadiguda,Secunderabad.-50008
Date: 11.10.2019.

To
Shri R.Gopalakrishnan,Nominated Owner,
M/S.Deccan Cements Ltd.,
Deccan Chambers,
#6-3-666/B,Somajiguda,
Hyderabad-500 082,T.S.

Sub: Submission of Modified Mining Plan in respect of Bhavanipuram Limestone Mine (M_L-2) of M/s Deccan Cements Ltd., over an extent of 73.93 ha. Situated in Mahankaligudem Village, Palakeedu Mandal, Suryapet dist., T.S. submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter No.DCL/Mines/BLM-II/IBM-1/2019 dated. 11.09.2019.

Sir,

With reference to your letter cited above on the subject, the inspection of the mine was carried out by Shri S.K.Muduli, JMG along with Sri Kiran and D.Kalyana Chakravarthy, Qualified Person on 28.09.2019 and found certain deficiencies which were forwarded to you and your Qualified Person on respective e.mail ids i.e., rgopi@gmail.com and chakravarthy.kalyan@deccancements.com.

02.You are advised to attend the 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 @ RsThree 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,

Shivar
11/10/19

(Shailendra Kumar)

Regional Controller of Mines

Copy to Sri D.Kalyana Chakravarthy, Qualified Person for information and necessary action.

Shivar
11/10/19

(Shailendra Kumar)

Regional Controller of Mines

मूलपतिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।

शैलेन्द्र
11/10/19

(शैलेन्द्र कुमार)

क्षेत्रीय खाननियंत्रक

SCRUTINY COMMENTS ON THE REVIEW OF MINING PLAN SUBMITTED IN RESPECT OF BHAVANIPURAM LIMESTONE MINE(ML-2) OF M/S DECCAN CEMENTS OVER AN EXTENT OF 73.93 HA IN COMPARTMENT NO. 27, SAIDULNAMA R.F., MAHANKALIGUDEM VILLAGE, PALAKEEDU MANDAL, SURYAPET DISTRICT, TELANGANA STATE

General

1. Discuss the installed clinker plant capacity, it's limestone requirement viz-a-viz the different mines feeding limestone to it and their plant capacity, in order to justify the limestone production capacity of this mine. The Limestone requirement from ML-2 & ML-3 needs to be justified in light of total installed clinker plant capacity, conversion factor.
2. Legible copies of identity and address proof of the nominated owner be enclosed. Copy to resolution of Board of Directors for nominating the owner needs to be submitted.
3. The review of production proposal and achievement needs to be submitted correctly and the justification for carrying out excess production in 2016-17 and 2017-18 needs to be submitted.
4. Copy of the legible lease deed needs to be submitted.
5. Justification submitted for modification is not required as it is a case of review of Mining plan. However in introduction chapter the reason for reducing the production capacity than the earlier quantity approved need to be submitted.

Geology

6. The summarized bore hole lithologs needs to be submitted in tabular form.
7. In the bore hole lithologs of bore holes drilled during 2018-19, Purple Shale nomenclature has been given to the lithological unit/mineral whose CaO content is more than 34%. Hence correct naming of the litho units need to be given.
8. The lithology of western side of the lease is found to variegated limestone but in the Geological plan the same is denekated as Green Limestone. The Lithological unit wise boundary needs to be corrected in the Geological Plan. Ultimate pit limit boundary to be demarcated in the Geological Section. Lithology in the Geological section is not matching with the ground condition. The UNFC code mentioned in the Geological sections are not correct as the depth of majority of bore holes have already been mined out but there position have been considered for UNFC codification. The reserves/resources have been estimated in excess and need to be estimated properly as per MEMC Rules-2015. In view of the above, correct category of reserves/resources should be submitted.
9. All the bore holes have been terminated in the mineralised zone and no of bore holes have been exhausted. Future programme of exploration need to be submitted to prove the entire mineralised area upto the end of mineralization as per the threshold value in G1 level.
10. The NABL accredited lab analysis report towards exploratory sample analysis along with NABL accreditation certificate to be submitted.
11. All the parameters considered for estimation of reserve/resource needs to be submitted. As per the lease deed condition 50m safety barrier zone of the road need to be maintained, the reserves falling under 50m road safety barrier zone to be considered as blocked resources while estimating reserves/resources.
12. Method of Mineral resources/reserves estimation to be submitted. The meter wise bore hole lithologs needs to be submitted.
13. In the Geological plan and Geological section the nomenclature of lithological index needs to be corrected.
14. Reserves/resources need to be estimated at two stages one at cut off grade and one at threshold value.

Mining

15. For mining in the 50m from State highway safety barrier zone in the western side necessary permission from the state DMG with reference to lease deed condition need to be obtained else future mining be proposed at different location.
16. The bench wise weighted average grade of proposed mining block for each year needs to be furnished and the mechanism for the grade control for optimum utilization of mineral with the high grade mineral of ML-3 along with blending techniques needs to be furnished. The backup of year wise production and development needs to be submitted.
17. Ultimate pit slope need to be proposed as per the statute.

18. Floor levels of benches needs to be submitted correctly in the existing as well as proposed method of excavations.
19. Year wise water sump planning needs to be proposed and the co-ordinates, dimension, capacity to be furnished in text and shown in plan.
20. Year wise generation of sub grade, its utilization and manner of stacking to be proposed in the text and corresponding plans.
21. In the conceptual mining, the ultimate pit depth to be submitted.
22. Submit the flow sheet of crushing unit in the processing of ROM and mineral reject chapter.

Plan and Sections

23. Bench mark co-ordinates, level needs to be submitted in the text and in the plan. In case of mining proposal to be shifted from western side to other locations, the production and development plan need to be changed and on the basis of the changed production and development plan the PMCP plan needs to be updated.
24. In the Environment Plan the boundary of Reserved Forest need to be demarcated.
25. In the conceptual plan the bench level need to be demarcated in the plan.
26. In the conceptual sections need to be updated in line with Geological Sections.

Progressive Mine Closure Plan

27. The area put to use for mining and allied activities to be calculated from the updated PMCP plan and accordingly the bank guarantee to be prepared/modified.
28. The year wise progressive mine closure plan (PMCP) including environmental parameters monitoring, need to be submitted in the text and plan.
