



भारत सरकार / Govt 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

Room No.603, CGO Towers,  
6th Floor, Kavadiguda,  
Secunderabad-500 080.

Fax No.(TF): (040)-27539991

E-Mail : ro.hyderabad@ibm.gov.in

Date: 17.05.2021.

F. No. AP/KNL/MP/LST-148/HYD

To

Sri D.Lakshmikantham, Director-Technical & Nominated owner,  
Lakshmi Nivas, 705, Road No.3  
Banjara Hills,  
Hyderabad-5000 34,  
Telangana State.

Sub: Submission of Modified Mining Plan in respect of Amalgamated Korumanipalli Limestone Mine of M/s.Penna Cement Industries Ltd. over an extent of 254.856 ha. in Korumanipalli & Thollamadugu Villages, Kolimigundla Mandal, Kurnool District of AP State submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no. PCIL:IBM:2021-22/11 dated 20.04.2021.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 28.04.2021 by A.V.Ramesh Kumar, AMG accompanied by Shri Ramakrishna Reddy, Mines Manager and Shri M.Pratap Reddy, Qualified Person. The draft Modified Mining Plan has been examined and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., [tlcw@pennacement.com](mailto:tlcw@pennacement.com) and [mpratap001@yahoo.com](mailto:mpratap001@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 (4Nos.). 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,

(Shailendra Kumar)  
Regional Controller of Mines

Copy to:

Shri M.Pratap Reddy, Qualified Person - for information & necessary action.

(Shailendra Kumar)  
Regional Controller of Mines

मूल प्रति पर नहीं

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

(शैलेन्द्र कुमार)  
क्षेत्रीय खान नियंत्रक

**COMMENTS ON THE MODIFIED MINING PLAN SUBMITTED FOR AMALGAMATED MINING LEASE OF M/S PENNA CEMENT INDUSTRIES LIMITED OVER AN EXTENT OF 254.856 HA IN KORUMANIAPLLI AND THOLLAMADUGU VILAGES, KOLIMIGUNDLA MANDAL IN KURNOOL DISTRICT, ANDHRA PRADESH.**

1. In the introduction chapter, details of captive cement holds and Mining leases of the lessee to be furnished state wise i.e. A.P. & TS separately instead of giving in a single table.
2. In para 2.0 Geo coordinates of boundary pillars to be mentioned in text.
3. Broadly indicate the future exploration programme planned in next five years as per the table below:

Year	No. of Boreholes (Core/RC/DTH)	Grid Interval	Total meterage	No. of pits, dimensions and volume	No. of trenches, dimensions and volume

The Geo co-ordinates of the proposed drill holes to be mentioned in text. Also the exact timeframe of completion of the ongoing exploration programme to be discussed.

4. Mineral resources/Reserves estimated on level of exploration with reference to threshold value of minerals to furnished as per the table below:

Level of Exploration	Resources in Million tones	Grade
G1 – detailed exploration		
G2-General exploration		
G3 – Prospecting		
G4 - Reconnaissance		

5. In the draft document, in the Mining chapter, dump location has been proposed stating that the interstitial burden/waste generated would be dumped. However, during the course of inspection it was advised that as the lessee has proposed to backfill about 0.89 ha during the proposed five year period, the waste generated to be utilized for carrying out the backfilling out the proposed mined out area. As such the proposal for dumping to be omitted and reclamation proposals to be modified accordingly.
6. In the Mining chapter, it was proposed to consume old heaps of Limestone which are lying between the gridlines E188600 and E18900. Instead of heaps use the term old stock and also furnish the total quantity of the stock lying between the mentioned gridlines.

7. In the Mine drainage chapter, please mention the Maximum and Minimum depth of workings.
8. During the inspection, it was observed that near boundary pillar No.94, the 7.5 meter barrier zone has been breached, Please propose appropriate reclamation measures by way of Backfilling.
9. In progressive Mine closure Plan, under the sub head Human settlements, please mention the details of villages falling within the radius of 5 km along with population.
10. Under reclamation, it was proposed to reclaim an extent of 0.89 ha by way of backfilling. The same need to be discussed with year wise planning.
11. Under Disaster management Plan, mention the complete details of person to be contacted in case of emergency.

### **Plates**

12. In the Plate No. I i.e. Key Plan, pre-dominant wind direction to be marked.
13. As marked in the lease sketch, the two amalgamated leases may be shown distinctly with two colors in surface plan. The surface plan to be signed by qualified surveyor.
14. It was observed from the lease sketch issued by the State Government that a road connecting the village Korumanipalli and the Sri Anjaneya Swamy temple is passing through the Mining lease. A safety barrier zone as per the regulations needs to be marked and the total resources need to be recasted accordingly.
15. In all plans the proposed exploration is shown as for fifth year, whereas actually it was for first year, the same need to be modified in all plans and sections accordingly.
16. In the Plate IVA i.e. geological Sections, following modifications are to be carried out.
  - (a) Section D-D' is not matching.
  - (b) Section f-F' is not matching, pit is not marked.
  - (c) Section H-H' is not matching, village road is to be marked along with safety barrier zone.
17. In the Conceptual Plan, it was stated that the entire mined out area will be converted into water reservoir. The entire extent of mined out area to be marked clearly in the plan.
18. In all the Plans and sections the Ultimate Pit Slope angle need to be maintained at 45 degrees.
19. In the Plate IX i.e. Environment Management Plan following modifications to be carried out:

(a) Instead of area proposed for dumping, the same to be shown as area proposed for backfilling.

(b) Proposed plantation for the five year period to be marked.

(c) Few more ambient Air quality and Noise quality stations to be proposed at various strategic locations like loading & unloading points, along the haul road and crushing plant to be marked.

(d) Few more ambient Air Quality & Noise quality stations to be proposed near the Sri Anjaneya Swamy temple.

20. The land use data to be submitted in digital form (Geospatial data). The land use patterns, feature type and file type required are broadly classified and given below:

Sl. No.	Land use information	Format	Remarks
1.	Mining Lease Boundary	.shp or .kml file	Feature type polygon
2.	Pit area	.shp or .kml file	Feature type polygon
3.	Dump area	.shp or .kml file	Feature type polygon
4.	Stack yard	.shp or .kml file	Feature type polygon
5.	Tailing dam (if applicable)	.shp or .kml file	Feature type polygon
6.	Reclaimed and Rehabilitated land	.shp or .kml file	Feature type polygon
7.	Afforestation area	.shp or .kml file	Feature type polygon
8.	Others – Road, railway, Infrastructure, processing plant etc	.shp or .kml file	Feature type polygon
9.	Boundary pillar co-ordinates in serial order (Latitude and Longitude in Deg Min Sec)	Excel	In WGS-84 datum

The Shape file should contain the Land use information as attribute data.

If KML file is provided, each feature type should be given in separate file with combined geo-data base. The file name should be Mine name\_Ownername\_Area\_Landuse type.

21. The feasibility report to be signed by the qualified person.

22. A copy of ground vibration report is to be attached as the same is missing from the annexures.