



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



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No. AP /GNR/MP/ Lst-135/Hyd

Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date. 11.08.2021.

To
Sri Prakash Narayan Chhangani, Nominated Owner,
M/s Shree Cement Ltd.,
Bangur Nagar, Post box No.33,
Beawar-305 901.

Sub: Submission of Modified Mining Plan in respect of Kachavaram Limestone mine of M/s Shree Cement Limited over an extent of 283.585 ha. in Kachavaram and Inuparajupalli Villages, Karempudi Mandal, Guntur District, Andhra Pradesh submitted under Rule 17(3) of MCR, 2016.

Ref: Your E mail dated 24.07.2021.
Sir,

With reference to your letter cited above on the subject, inspection of the mine was carried out on 28.07.2021 by Shri Shaival Kartikeya, SMG accompanied by Sri Om Prakash Sharma, Qualified Person and found certain deficiencies in the form of scrutiny comments as given in Annexure. The same scrutiny comments have been forwarded to you and your Qualified Persons on e.mail ids i.e., shreebwr@shreecement.com, gargmk@shreecement.com and sharmaomprakash@shreecement.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.) 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,

Sharma
11/8/21

(Shailendra Kumar)

Regional Controller of Mines

Copy to:

Sri Mahendra Kumar Garg, QP and Sri Om Prakash Sharma, QP - for information.

Sharma
11/8/21

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नहींकध

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

शैलेन्द्र
11/8/21

(शैलेन्द्र कुमार)

क्षेत्रीय खान नियंत्रक

Scrutiny comments on examination of Modified Mining Plan including PMCP of Kachavaram Limestone Mine over an area of 283.585 Hect. of M/s Shree Cement Limited in Kachavaram Village, Karempudi Mandal, Guntur District of Andhra Pradesh State inspected by Shri S. Kartikeya, Senior Mining Geologist on 28/07/2021

- 1) **General oversight & Cover Page:** (a) It is informed that an Mine Development Production Agreement (MDPA) has already been signed between the Government of Andhra Pradesh and the lessee over the limestone production approved in the mining plan document consumerate with the feeding capacity of 2.4 million tonnes per annum clinker plant. Now, it is proposed to reduce the capacity of the plant by less than one tenth of the previous conceptualized capacity i.e. 0.22 million tonnes per annum, it is pertinent and prudent to be ratified by the Government of Andhra Pradesh in the form of "No Objection Certificate". (b) Instead of blank column/row, N.A. or appropriate information may be given for better identification with proper justification in the Remarks column. (c) Instead of Modified Review of Mining Plan, name of the submitted document should be renamed as Modified Mining Plan.

Chapter No. 1.0 General Information

- 2) (a) Para 1.2: Sum of the cadastral area is not matching with the actual area granted for mining lease. Same may be cross checked and corrected accordingly. (b) Para 1.3.4.4: Total amount paid for the 213.75 ha. acquired land should be mentioned.

Chapter No. 2.0 Geology and Exploration

- 3) Para 2.1.2: Name and distance of the village, nearest railway station, nearest port and distance of State Highway/National Highway should be given.
- 4) Para 2.2.1.1: Geological mapping of the mining lease area should be done in 1:2000 scale for the detailed exploration as specified in the MEMC Rule, 2015.
- 5) Para 2.2.1.4: Since no geochemical survey has been done in the lease area, hence, the referred analysis report may be removed.
- 6) Para 2.2.1.10: (a) No. of Samples analysed in the NABL Accredited Laboratory/Government Laboratory is to be mentioned in this table. (b) Based on the chemical analysis of the limestone, average grade of all the analysed radicals should be given in this table.
- 7) Para 2.2.4.1: Instead of Software Method for computation of Reserve and Resource Estimation, an appropriate methodology should be mentioned for estimation of Reserve and Resource.
- 8) Para 2.2.5.9: (a) Other reason for blocked reserve should be specified. (b) Method of estimation may also be written in the last column.
- 9) Para 2.2.5.10: Information should be given in all the columns.

Chapter No. 4.0 Mining

- 10) Para 4.2.2.2: Ore to OB ratio has not been calculated.
- 11) Para 4.2.2.3: details of the transportation and hauling equipments should be given.
- 12) Para 4.3: Proposal for the slope stability study and the recovery study of limestone should be proposed during plan period.
- 13) Para 4.3.2: Details of the in-situ mining of limestone should be given.
- 14) Para 4.7.2: (a) UTM co-ordinates should be used for the dump locations for better identification. (b) During inspection and after the study of the document, it has been found that the entire lease area is mineralised. Hence, the dumping of the waste and overburden may be proposed along the 7.5 m barrier zone up to the feasible height and the same may be rehabilitated by plantation.
- 15) Para 4.9: Chemical specification of the limestone for captive use should be given.

Chapter No. 5.0 Sustainable Mining

- 16) All the essential information should be given based on the proposed production during five year plan period as well as proposed CSR activities under company act.

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- 17) Para 5.1: Description of the sustainable mining implemented during last five years and the proposed target area that will be covered during this plan period, should be mentioned. Any statutory proposal for SDF may also be discussed under this para.

Chapter No. 6.0 Progressive Mine Closure Plan

- 18) Para 6.1: Complete and correct information should be filled in this table.
- 19) Para 6.2.2.1: During inspection it has been found that the numbers of tube wells are kept abandoned within lease area. Hence, proposal for conversion of these abandoned tube wells into the ground water recharging points should be given.
- 20) Para 6.2.2.2: During inspection it has been observed that the topography of lease area is mostly flat topped and no protective measure have been adopted to stop the entry of anyone. Hence, the proposed working area should be fenced to protect any unwarranted entry.
- 21) During inspection it has been observed that the Khasra no. 995 is not a part of mining lease but it is situated within the mining lease boundary. Hence, a suitable protective measure should be taken around the Khasra no. 995.

Chapter No. 8.0 Review of Previous Proposals

- 22) Review should be given for the earlier approved Mining Plan dated 03/08/2012 and the Review of Mining Plan approved dated 24/11/2020.
- 23) Since the mining operations are yet to be commenced, hence, an appropriate reason for non achievement of the proposal should be given in the remarks column.

Enclosures:

- 1) Annexure numbers should be cross checked.
- 2) Annexure number 17 and 18 are missing.
- 3) Annexure no. 16 should be renamed as "Mine Development and Production Agreement"
- 4) Annexure number should be given for Board Resolution for Nominated Owner.
- 5) Log sheet in the form of Form J, should be enclosed for the drilled boreholes.

Plates:

- 1) **General: (a)** 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.

- (b) Numbering and the Name of all the plates should be cross checked and corrected accordingly. (c)
- 2) **Plate I; Location Plan** Clear and visible Key Plan should be drawn.
 - 3) **Plate II; Key Plan: (a)** Co-ordinate range of the mining lease area may be drawn. **(b)** Clear and visible Key Plan should be drawn.
 - 4) **Plate IV; Surface Plan:** Since the mining lease has been granted in two different blocks, hence, nomenclature of these two different blocks should be done for better identification.
 - 5) **Plate V (B); Geological Cross Sections: (a)** Section S26 should be cross checked and corrected. **(b)** 7.5 m barrier zone has not been marked in any of the sections.

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- 6) **Plate VI(A) to VI(E); Production and Development Plan and Sections:** (a) In view of Scientific, Systematic and Sustainable mining, instead of making two to three different pits, one single pit may be proposed for development and production. (b) Subsequent changes in the RL of Topsoil, Waste and Reject dumps should be marked in all the plans and sections.
- 7) **Financial Assurance Plan:** (a) Financial assurance should be drawn. (b) A detail calculation table should be given in the plan. (b) Area utilization in different heads should be marked with the distinct patterns for better identification in the plan.
