



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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Date.6.2.2019

To :
Ms.Lakshmi Apama Sreekumar, Nominated Owner
M/s The India Cements Ltd.,
Chilamkur Village, Yerraguntal Mandal,
YSR Kadapa District 516310 (A.P.)

Sub: Submission of Modification of Mining Plan in respect of Coromandal Limestone mine over an extent of 602.137 ha in Chilamakur Village, Yerraguntla Mandal, YSR Kadapa district, AP. - Submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no ICL/CCP/MINES/IBM/2018-19/37A dated 26.12.2018.

Sir,

With reference to your letter cited above on the subject, the document was examined by Sri Ibrahim Sharief Sr.ACOM and found certain deficiencies as given in Annexure. The same has been forwarded to you and your Qualified Person on respective e.mail ids i.e., ccp_mines@indiacement.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 (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 @ 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,

(Manish K Maindiratta)
Dy.Controller of Mines
for Regional Controller of Mines

Copy to Sri M.Venugopal Reddy, QP and T.S.Ganesh Rao, QP, for information and necessary action.

(Manish K Maindiratta)
Dy.Controller of Mines
for Regional Controller of Mines

मूल पति पर नहीं
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

(मनीष के मैदीरत्ता
उप खान नियंत्रक
कृते क्षेत्रीय खान नियंत्रक

SCRUTINY COMMENTS OF COROMANDAL LIMESTONE MINE M/s India Cements Limited in Kadapa district of A.P state

Introduction

1. It has been noted that the proposal is given for increase in plant capacity but the board of directors resolution for proposed investment for increasing the plant capacity has not been submitted.
Hence Board resolution clearly stating the approval for capital investment for this enhancement of production from this mine from 2 MTPA to 7.7 MTPA of Limestone vis-à-vis Clinker and Cement.
2. The brief history of the mine with supporting document be furnished.
3. As per MCR, document should be submitted by a responsible person i.e, Qualified person only and not the qualified persons. Hence only one person be made responsible for the purpose of submitting the view of the lessee to the department and making corrections in the document. Name of Qualified Person be enclosed as per above correction Para 1.0(f) page 7).
4. The Introduction chapter be recasted in light of above comments. Unnecessary and irrelevant sentences be removed.

GENERAL

5. The document should be recast as per the 'IBM MANUAL FOR APPRAISAL OF MINING PLAN 2014' only.
6. Consent letter from nominated owner should be submitted on company's original letter head duly dated and signed in Original.
7. The original lease deeds of the lease since inception along with lease sketch should be produced for verification. Copy of lease sketch authenticated by competent authority of state Government with DGPS survey of the lease area should be furnished.
8. The brief history of the mine with supporting document be furnished
9. Compliance status of CCOM circular 2/2010 should be submitted
10. Address, email, fax no. photo identity proof of nominated owner/ person signing the document should be furnished
11. List of board of directors should have been submitted indicating their designation and DIN no.
12. Lease has been granted for 'Limestone' and 'Clay', but details of clay has not been furnished in the document. In your own submission in the earlier approved document, incident of clay was reported, but the detail of the same is not furnished in the present submission.
13. Cadastral map indicating the lease area should be submitted
14. Noted that the proposal is submitted to work up to 60 mtrs depth by intersecting water table, but hydro-Geological study to assess the impact of mining below ground water table has not been undertaken. Therefore mining be proposed above ground water only.
15. Except for the surface plan , rest Plans and sections are not updated and submitted correctly. They are more than two years old. Hence the entire thing need to be recast and submitted as per the updated plans and sections only.

Review of Mining Plan

16. Since review has already been done up to June 2016-17, it may now be submitted for the period 2016-17, 2017-18, 2018-19 (Up to the date of survey and after that).
17. Review of environmental parameters (Air water, reclamation rehabilitation, afforestation etc) also be submitted.
18. Compliance of status of violation pointed out by IBM should be clarified clearly whether complied or not.
19. A dump has been observed in the North block which was not approved in the document. Clarify

Geology and Exploration

20. During inspection of mines and on scrutiny of records it was observed that substantial no. of bore holes are terminated in the ore body itself and exploration is also stopped at G2 level in the lease area (both North & South Blocks). As per the provision of rule 12(4) of MCDR, 2017 entire lease area has to be explored under G1 level by 2022, accordingly future exploration proposal should be submitted.
21. Phase wise exploration carried out in the lease area should be furnished in tabular form. As well as the details of bore holes drilled incorporating, collar details, survey file for drill hole, assay details, geology details, rock quality details, for easy reference.
22. Basis of mineralized area and non mineralized area needs to be furnished for clarity.
23. The categorization of reserves and resource need to be reassessed correctly as per MEMC Rules and new threshold value of limestone published by IBM. by slice plan method
24. Following parameters should also have been considered for reserve estimation
 - (i) Ultimate Pit Limit.
 - (ii) Cut-off grade and revised threshold value
 - (iii) Ground water table
 - (iv) Safety zone for railway line
 - (v) Recovery based on past experience on time series data
25. Weighted average grade of ore should be furnished instead of range in page 36 for computation of reserves/ resources. Further resources below cut off grade and above threshold value should also be estimated and furnished.
26. Details of exploration carried out should be furnished in the tabular form as below

SL no.	Area explored under				Total lease area
	G1 level (ha)	G2 level (ha)	G3 level (ha)	Unexplored area (ha)	

27. Justification of UNFC codes should be furnished.
28. Compliance status of conditions of EC approved by MOEF should be submitted for reference should be submitted while comparing the E axis under appropriate head only.
- 29.
30. Feasibility report for the mine should be submitted as per the format prescribed for the purpose showing the capital investment and proving economic viability of the project for proposed increase in production.
31. Basis of supply and demand of Cement furnished in the introduction and its impact to your project should be clarified and submitted in the relevant para of feasibility report only.

Mining

32. Status of mining operation at present should furnished in tabular form incorporating quarry dimension, no. of benches in ore, waste, waste dump details (Top/ bottom RL), no. of terraces with location details in para 2.A.a.
33. Clearly submit the thickness of clay and top soil above limestone.
34. Year wise mining proposal should be proposed in such a manner that mining operations has to be commence from one end of lease to other end and simultaneous backfilling. The benchwise weighted average grade of proposed mining block for each year needs to be furnished.
35. Waste dumps have been spread all along the lease boundary without considering Railway line safety zone of 105 meters, which needs to be clarified.
36. Study should be carried out by institute of national repute pertaining to 'impact of mining on Ground vibration' for enhanced production capacity, as Railway line is passing nearby the lease.

Conceptual plan

37. Conceptual plan be prepared to indicate the UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and re-habilitation, land use, position of pit, mineral reject, subgrade, top soil, clay dumps, green belt development etc. at the end of lease period.

STACKING OF WASTE/ MINERAL REJECT

38. Substantial quantity of mineral reject/ slab are found stocked in the lease area in North Block, the details of the same like dimension, quantity, quality etc. should be furnished .
39. In present submission top soil is considered as Waste which cannot be accepted.
40. Note on manner of disposal of soil/ waste configuration, its sequence and protective measures should be detailed. It is observed that soil dumps have been dumped adjacent to rail track without any protection measures, which needs to be detailed.

Mineral Benefeciation

41. Specify whether crushing plant is within the lease or outside the lease, and distance between crusher to North and south blocks to be furnished.

PMCP

42. Details of base line data for enhanced production prepared by agency approved by MOEF should be furnished
43. EIA and EMP study for enhanced production should be assessed based on present condition and data collected by agency approved by MOEF should be submitted.
44. Details pertaining to North and South blocks separately for Area degraded at present and proposed area to be degraded at conceptual stage (up to lease period) and its status of reclamation & rehabilitation, ground water table, green belt development, safety zone etc. should be detailed for easy reference.
45. Monitoring stations for base line data collection should be furnished in PMCP plate
46. Reclamation and rehabilitation proposal should be given to maintain the original profile of land. Backfilling of only 4.0 meters height against depth of pit depth of 30 meters is not in the spirit of reclamation and rehabilitation of mine. Accordingly reclamation plan and relevant para should be modified and submitted.
47. Financial assurance should be assessed and submitted as per the land put to use.

Plates

48. Surface plan is not updated as per actual field condition, there exist village road, railway line safety zone of the same has not been marked. Further in North block large stocks of slab quarry is observed the same is not legible.
49. Geological plan submitted is not updated as per actual field condition,
50. Geological plan submitted does not indicate the safety zone for railway line as per earlier approved documents.
51. Geological plan, mineralized area and non mineralized area needs to be depicted legible.
52. Conceptual plan prepared is sketchy, geological sections should be referred to know the status of lease at conceptual stage. Accordingly the same should be modified and submitted.
53. Reclamation plan should be modified in view of comment at sl. no.72.
54. PMCP plan should be modified in view of comment at sl. no.74.
55. It is stated that TOR for Enhancement of production has been granted by MOEF, but copy of the same should have been submitted.
Relavant para plan and section in view of the comments above should be suitably modified and submitted.