



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-31/Hyd.

Room No.603,
6th Floor,CGO Towers,
Kavadiguda,Secunderabad.-50008
Date: 12.03.2021..

To,
Shri.K.Gautam, Executive Director,
Sultanpur Thanda Limestone Mine,
M/s NCL Industries Ltd.,
Simhapuri Village,Mattampally Mandal,
Suryapet District, Telangana State,
Pin Code- 508 204.

Sub: Submission of Review of Mining Plan in respect of Sultanpur Thanda Limestone mine of M/s. N C L Industries Ltd. over an extent of 42.83 ha in Sy.No. 540(P) of Pedaveedu (V), Mattampalli (M), Suryapet district, T.S. submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no nil, dated.23.02.2021.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out by Shri Madhu Sudhan Yadav.M, ACOM on 10.03.2021 along with Shri P.R. Mishra, QP, Shri G.S.Subba Rao, DGM (Mines) and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail ids of you and your Qualified Person as submitted in the document ie., info@anjanicement.com & earth_environment2008@yahoo.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 (3Nos.). 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 and @ Rs.Two Lakhs/hectare for category 'B'mines provided that the minimum amount shall be Rs.Five 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,

Sharma
12/3/21

(Shailendra Kumar)

Regional Controller of Mines

Copy to Sri P.R.Mishra, Qualified Person, -for information and necessary action.

Sharma
12/3/21

(Shailendra Kumar)

Regional Controller of Mines

मूलपत्तिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बंगलुरु।

शैलेन्द्र
12/3/21

(शैलेन्द्र कुमार)

क्षेत्रीय खाननियंत्रक

Scrutiny comments on Review of Mining Plan of Sultanpur Thanda Limestone Mine of M/s. NCL Industries Ltd. over an area of 42.83 hectares in Pedaveedu village, Mattampalli Mandal, Suryapet District, Telangana.

General

1. Mine code shall be mentioned in the cover page and in lease details chapter in page no.4.
2. Consent letter/undertaking/certification by the applicant shall be on Company's original letter head duly signed with date.
3. Approved and proposed production of all the mining leases linked to the plant and their approved EC quantity shall be submitted.
4. Details mentioned in the list of annexures are not matching with the annexures attached.
5. Legible copies of the annexures shall be submitted.
6. It is mentioned that lease period is extended upto 50 years and copy of G.O is attached in annexure –III, whereas no such copy is attached in the annexure.
7. Nominated owner to be mentioned in chapter 1.0 (A) and the Board of director's resolution regarding nomination to be submitted.
8. The contact details like mobile number, email id of the Nominated Owner be mentioned in chapter 1.0 (A).
9. Status of implementation of CCOM Circular no. 2/2010 to be submitted.
10. The boundary pillar coordinates certified by the state government shall only be annexed.
11. Color photographs should be enclosed in the document for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.
12. It was proposed to increase EC quantity from 50,000 tonnes per annum and to 10,00,000 tonnes per annum and accordingly production was proposed for 10,00,000 tonnes per annum during earlier approved plan period from 2016-17 to 2020-21. During inspection it was made to understand that EC quantity has not been enhanced and in the draft document again 10,00,000 tonnes per annum is proposed. Proper justification be submitted for the proposed production.
Besides the above, copy of Terms of Reference (TOR) issued by MOEF seeking approved Mining plan to be submitted
13. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.

Review of Mining plan

14. Exploration proposed and drilled during the earlier approved modified mining plan shall be submitted correctly in page no.7.
15. Proper justification for deviation in the proposed exploration, development, production and afforestation shall be submitted.
16. Review of environmental parameter (Air, water, noise) be submitted.
17. Status of compliance of violations pointed out by IBM shall be submitted.

Geology and Exploration

18. Detailed description of the geological succession and disposition of all litho-units shall be submitted.
19. Levels of exploration (G1,G2 etc.,) carried out and its area shall be discussed in the exploration chapter and to be clearly shown over Surface Geological Plan.
20. Area explored under different level of exploration may be marked on the geological plan and UNFC code for area considered for different categories of reserve/resources estimation may also be marked on geological cross sections.
21. Boreholes drilled details shall be submitted correctly in page no.11.
22. 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.
23. Sample analysis report of the borehole drilled in the mining lease area be submitted.

24. Lessee should carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease within a period of 5 years from the date of commencement of MCDR 2017. Exploration proposal and commitment to complete the exploration shall be submitted accordingly.
25. Threshold value and cut off grade of limestone shall be mentioned correctly in page no.13.
26. The required quality of limestone for plant feed shall be submitted.
27. The recent boreholes drilled in the lease are not shown in the geological plans. Reserves and Resources needs to be re-assessed after considering the boreholes drilled recently and backup calculation thereof be submitted.
28. Detailed section wise calculation/estimation of updated Reserves and Resources to be submitted.
29. The classification of Reserves and Resources with average grade of Cao, MgO & SiO₂ shall be submitted.

Mining

30. Working bench height shall be mentioned correctly in the mining chapter.
31. In the document submitted it is mentioned that the ultimate pit slope as 60⁰, which is not acceptable. The ultimate pit slope shall be maintained for 45⁰ and the proposal shall be given as such. For maintaining slope steeper than 45⁰, approval from DGMS has to be submitted
32. Proposal shall be given for carrying out opencast working near the HFL area leaving a safety zone barrier as per MMR 1961.
33. During inspection it was noticed that bund/embankment was not constructed for working in HFL area of Pulichintala dam as per the permission letter dated 04/11/2016 under Reg.127 (1) of MMR 1961. No proposal of mining will be accepted without construction of safety bund along HFL.
34. During inspection it was found that limestone mineral has been stacked at various places in the working pit which is not in the interest of systematic and scientific mining. The existing boulders in the working area shall be cleared and measures to control the boulder generation be submitted.
35. Five years development and production shall be proposed in the area mentioned in the conceptual plan of earlier approved modified mining plan.
36. Blast vibration study may be proposed for maintaining the safe charge/dealy for protecting structures/buildings.
37. Summary of limestone raising and its grade during the plan period shall be submitted.
38. Top soil generation during the plan period shall be submitted.
39. Co-ordinates of the yearwise development and production area during the plan period shall be submitted.
40. Water table is found to exist at 18 mtrs from ground level, exploitation of ore below ground water table is should be subject to permission from competent authority, a commitment should be made in this regard and submitted.
41. Specifications & details of the machineries like model, imported/exported, max. reach height, width etc., shall be submitted.
42. Proposed method of mining and design parameters along with pit layout shall be submitted.
43. Yearwise development and production plan showing pit layouts, dumps, stacks of waste shall be submitted.

Conceptual plan

44. Conceptual plan to be prepared for the entire lease area showing UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and rehabilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of this 5 year period and at the end of the lease period.

Mine Drainage

45. Quantity of water likely to be evacuated from the pit, pumping arrangements and its utilisation proposal to be submitted.
46. Location of the sump proposal with co-ordinates and sump capacity holding the water encountered into the pit shall be submitted.

Processing of ROM and Mineral reject

47. Schematic diagram of flow sheet/ material balance chart should be submitted for easy reference.

Others

48. The location of the list of site services be submitted and also to be marked in the plans.
49. Deployment of surveyor as per statute to be mentioned in the employment potential.

Progressive Mine Closure Plan:

50. Environment baseline information should be furnished.
51. Monitoring stations in Core / buffer zone should be furnished and proposal for carrying out environmental monitoring shall be submitted
52. Year wise protective measures for reclamation and rehabilitation works for the plan period be submitted as per the table mentioned in IBM manual of appraisal 2014.
53. Plantation proposed is not matching in page no. 30 and 41.
54. Financial assurance plan should be submitted on the basis of updated surface plan and area put to use for mining, allied activities and in view of above comments.

Plans and Sections:

55. Surface plan is not updated and last survey carried out was not mentioned. Updated plans and sections should be submitted.
56. All the plans and sections should be submitted as per the provision of rules 31, 32 & 34 of MCDR, 2017 and the surface plan shall be signed by the surveyor having Certificate of Competency of Survey from DGMS.
57. In surface plan co-ordinates of ground control points are not furnished and not depicted in plan.
58. In the plans and sections, HFL in the lease area should be depicted properly (in bold line) for easy reference,
59. Environment plan shall be furnished as per the provision of rule 32 (5) (b) of MCDR 2017.
60. All the features in the plans and sections shall be mentioned correctly in the index.
61. As per Rule 34 of MCDR, every plan, section or part thereof under these rules shall carry thereon a certificate for its correctness and shall be signed by the Mining engineer with date. Provided that the geological plans and sections shall be certified and signed by the geologist employed under rule 55.
62. Conceptual plan shall be re-submitted showing conceptual size of the pit, afforestation, land use pattern at the end of this 5 year period and at the end of lease period.
63. Proposals shall be submitted in .kml or.shp files in the form of soft copies.