



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
Office of the Regional Controller of Mines

No. AP/GNR/MP/Lst.-16/dHyd

Room No.603, 6th Floor,  
CGO Towers,Kavadiguda,  
Secunderabad.-50008  
Date: 05.09.2017

To  
Sri K Vijay Kumar, Nominated Owner,  
M/S Sri Chakra Cements Ltd.,  
Concrete House, #6-3-668/10/66,  
Durga Nagar Colony, Panjagutta,  
Hyderabad-500 082, T.S.

Sub: Submission of Review of Mining Plan in respect of Petasannigandla Limestone Mine. of M/S Sri Chakra Cements Ltd. over an extent of 202.34 Hc. In Sy.No.28 of Singarutla Agraharam and in S.No.914/2 of Petasannigandla (V.),Karempudi (M.),Guntur Dt.,A.P. submitted under Rule 17(2) of MCDR, 2016.

Ref: Your letter noSCCL/IBM/1708/08/2017, dated.17.08.2017.

Sir,

With reference to your letter cited above on the subject, the scrutiny of the draft Review of Mining Plan has since been examined based on inspection carried out by Sri Ibrahim Sharief, Sr.ACOM of this office along with Sri V T.Chander, QP and Sri Guru Shekar Reddy, Mines Manager on 30.08.2017 and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail id of you and your Qualified Person as submitted in the document . [srichakracement@gmail.com](mailto:srichakracement@gmail.com) & [ccgeoengg@yahoo.com](mailto:ccgeoengg@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 (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 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,

(M.K. Maindiratta)  
Deputy Controller of Mines

Copy to Sri V.T.Chander, Qualified Person, H.No.10-1, Flat No. 202, Mahalakshmi Ganapathi Complex, Sai Baba Temple Lane, Above Axis Bank ATM, P&T Colony, Dilsukhnagar, Hyderabad-500 060.

Encl:a/a

(M.K. Maindiratta)  
Deputy Controller of Mines

मूल पति पर नहीं

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

(म. क. मैदीरत्ता )  
उप खान नियंत्रक

General	
1	Status of modification in lease deed sketch issued vide letter no. 491/M/2001, dt.28.05.2015 of State Government of Andhra Pradesh, should be furnished in the introduction chapter.
2	As per the amended rule 13 of M(OAHEM)CR, 2016, PMCP is part of review of mining plan hence no need to mention the rule of MCDR separately.
3	Reason for not submitting the document within the time frame as per statute should be submitted
4	There exist excluded area in the lease, but co-ordinates of the same duly authenticated by the state government should be submitted.
5	Mining operations are carried out within 7.5 meters safety zone of the lease boundary without any approved proposals, which needs justification.
6	Name of the lessee should be mentioned in page no.4
7	The lease area is grant for ' <b>Limestone and ochre</b> ', but in page no. 5 it is submitted for Limestone only, which needs correction
8	In the certificate submitted, name of the nominated owner and date should be furnished.
9	The new MC&D Rules had been notified in March 2017 whereas in cover page and certificate furnished by qualified person is for observance of MCDR, 1988 in the document. The qualified person should be updated and prepare the document in compliance of the new MCDR, 2017.
10	The details in the document should be furnished as per the format of " IBM manual for appraisal of mining plan 2014" only. Owner of the lease is furnished in page no.4, which is not as per the format. Sub headings as per the format is missing in Geology and Exploration chapter, which should be incorporated, accordingly all the chapters of the document should be recheck with the format and modified.
11	Introductory chapter should be incorporated, in which clearly spell out the mining history, company details, its captive plants, future plans if any may be given. Also specifying various statutory clearances like, EC, CFO, Consent To Establish, etc. may be given with documentary evidence.
12	Some colour photograph covering mining operations including quarries, waste dumps, sub-grade stocks, haul road, processing plant, protective measures like retaining wall, check dam and garland drain, settling pond etc. and other area details are not enclosed.
Review of approved modified mining plan	

13	Review of earlier approved proposal should be furnished as proposal viz. a viz. achievement in tabular form with reasons for deviations, if any like waste generation, top soil, mineral reject etc., for easy reference.
14	Deviation is reported than the approved proposal, but reason/ justification has not been submitted
15	No DTH bore hole and sample was observed or produced by the lessee for verification during the field inspection, hence these bore holes cannot be considered.
Geology and Exploration	
16	Refer para 1.0.a), water table is reported to be occurred exceeding 50 mtrs depth from ground level, but during field inspection it was observed that its occurrence much above, which needs justification.
17	There exist green limestone also in the lease area, but details of the same has not been furnished.
18	Bore holes/ trenches carried out earlier in the lease area should be given in tabular form incorporating year of exploration, no. of bore holes/ trenches, max. depth drilled, total meterage, remarks etc.
19	Meterwise analysis of samples of bore holes drilled so far should be submitted and 10% of the samples from NABL lab should be submitted with supporting document.
20	Page no.22, total expenditure incurred in respect of exploration carried so far is reported to be 50 lakh rupees , but supporting document for same has not been submitted for considering the same.
21	Page no.23, Part geological plan and section should have been prepared and submitted on 1:2000 scale for easy reference, accordingly para 1.g & 1.h should be suitable modified
22	Exploration carried out so far in the lease area should have been submitted in tabular form as G1, G2, G3, G4, un-explored area with grid intervals for both mineralised and non mineralised area for easy reference.
23	Details of Topographic survey, Geological mapping, surface sampling carried out in the lease area should be discussed in the text part of the document.
24	UPL should be determined and submitted in relevant plans and sections.
25	Future exploration should be proposed in such a way the entire lease area has to be explored completely within the review period as per the statute. Accordingly the exploration proposal should be modified and submitted.
	Cut off grade of Cao is considered for estimation of reserves is +45%, but as per threshold value for limestone is 35% CaO, the status of mineral between 35% to 45% Cao has not been furnished in the document..

26	It is observed that ore is being dumped in the waste dump yard which is violation of MCD Rules,2017
27	Justification of UNFC codes should be furnished as per UNFC guidelines.
28	Copy of Form-J, Form-K in respect of bore holes drilled should be submitted duly signed by Geologist appointed under rule 55 of MCDR,2017
29	Page no.30, though processing of ore i.e. crushing operation is being carried out, but details of the same is not furnished in relevant para of the document.
30	Page no.30, no royalty is being paid at present for the production of ore to the government but it is submitted that Rs.110 is reported to be included, which is incorrect.
31	While calculation of reserves entire volume is considered as reserves, but in page no.34 recovery of 90% is considered but status of remaining 10% is not furnished
32	Detail calculation of reserves/ resources should be submitted.
33	In page no.26, basis of reserve estimation is considered as +35% CaO, whereas in page no.36, reserves estimated having mineral content +45% CaO, which is contradictory, further reserves between +35% and 45% CaO is not estimated and submitted.
Mining	
34	Status of present mining in the lease area should be furnished, incorporating details dimension of quarries, no. of benches in ore and waste with their height and width etc. may be given in para 2.A.a.
35	Subgrade ore is observed in the lease area, but generation of the same during plan period should have been assessed and submitted. Table 31, should be suitably modified. Further the above table should be furnished as per the format only.
36	Quality and quantity of sub grade dump present in the lease area should be carried out and submitted.
37	Layout of mine workings is not practicable, it should be re-designed and submitted.
38	Ore was observed dumped in waste dump yard, its quality & quantity should be assessed and recovery of the same by re-handling the dumps should be furnished.
39	Recovery factor considered while estimation of reserves is 90%, while year wise excavation proposal the recovery considered as 40%, which is contradictory, further during field inspection no such amount of intercalated waste was observed; proposal should be modified and submitted.
Stocking of mineral reject and disposal of waste	
40	Dumping of waste material is proposed by further heightening, as it is not practicable it should be modified and submitted
41	Present extent of waste dumps, ore stocks, sub grade ore stock present in the

	lease area with top and bottom RL, quantity and quality in respect of ore stocks may be furnished
PMCP	
42	Review of earlier approved progressive mine closure plan in respect of protective measures like retaining wall, garland drain, settling pond, plantation, land use pattern, monitoring station etc. should be made and submitted.
43	Year wise proposal during plan period and upto conceptual plan period in respect of reclamation of land, programme of afforestation, stabilization and vegetation of waste dump, measures to control ground vibration, water regime etc. should be furnished.
44	Area put to use for considering Financial assurance is on lower side, which should be recalculated and submitted

Plans and sections	
45	Key plan should be submitted as per the provision of MCDR, 2017
46	Cadastral map of the lease area/ General location map/ village map should be submitted.
47	Lease sketch submitted is not legible.
Surface plan	
48	Plans and sections are not maintained updated as per statute, last updated was on 31.03.2017.
49	Surface plan should be duly dated and signed by Mines manager and surveyor, further certificate no. of surveyor should also be furnished.
Geological plan	
50	Part geological plan and section should have been prepared and submitted on 1:2000 scale for easy reference, accordingly para 1.g & 1.h should be suitably modified
51	UPL should be depicted
Year wise development plan and section	
52	Part Year wise development plan and section should have been prepared and submitted on 1:2000 scale for easy reference
Conceptual plans and section	
53	UPL should be determined and depicted
54	In view of the comments above relevant para plans and sections should be suitably modified

