

ANNEXURE- I**Scrutiny comments on Modified Mining Plan & Progressive Mine Closure Plan of Sahegaon Limestone Mine 0.809 Hect) of Shri Shivlal Chakradhari in Durg District of Chhattisgarh submitted under rule 22 (6) MCR 1960 and 23 of MCDR 88. for approval****Field Observation**

1. Boundary Pillars has not been erected as per norms available in this regard and compliance of CCOM cir. 2/2010 and 2/2010 (add.).
2. Information about the river Shivrath is not given is relevant paras.

Text:

1. Mineral Concession Rules 1960 has been repealed by Mineral Concession Rules 2016, hence all the provisions should have been replaced and implemented by MCR 2016 including rule position, provision of qualified person etc.
2. Typical photograph of the mine pit should be depicted on the cover page, also in annexure with location/direction of photos. For photographs photo paper should be used.
3. Proper indexing of all certificates is to be done and mentioned as annexure also make necessary corrections with page numbers. All certificates should be as per manual of appraisal of mining plan 2014.
4. Mining lease was granted on 15.01.1999 for the period of 20 years and thus expired on 14.01.2019. It is mentioned that as per present provisions of the MMDR (Amendment) Act 2015, period of the lease for 50 years and upto 14.01.2049 needs to be corrected. Necessary documentary evidence from state govt. in support of the above has to be attached with the document.
5. Details of area should be given khasrawise, also details of the land is to be given with present and previous owner. Details of the mining lease and its history in tabular form is to be given.

Name of the lease and area	Date of Grant of Lease	Date of Execution	Date of First Opening	Validity of Lease Period

6. Information about earlier approved or rejection MP/MMP/SOM is to be present in para 3.1 in the tabular form as follows:-

SN	Lease area (ha)	Details of the document (Mining Plan /MMP/SOM etc	Rule under which document prepared	Approval/Rejection letter no. & date	Period of Proposal and validity

7. Details of the other mining leases of the owner/company is to be given as follows:-

SN	Name of the Mine / lease	Mineral	Area in hect.	area in forest/ non-forest	District	State	Validity of lease period	status working / nonworking

8. Information about nearest railway station, post office, police station may also be included.
9. Information regarding distances from mine at important places should be in tabular form.

10. Paras 3.5 page No.8 It is mentioned that there is no suspension or prohibitory orders...whereas as per record mine is under suspension. Factual information is to be provided .
11. Copies of the financial assurance has been enclosed with the scheme of mining, but original Bank guarantee as per rule has not been submitted in the office for the plan period. It should be submitted.
12. Boundary pillar wise latitude and longitude is to be given in text and plate. DGPS coordinates should be authenticated by state authorities, otherwise it should be erase.
13. It is mentioned that DTH borehole sunk in the lease area, details of the borehole is to be submitted in the office in form J/ form K.
14. It is mentioned that analysis report of limestone is enclosed but the chemical analysis report is not annexed in the text. Latest chemical analysis report from NABL accreditation laboratory is to be done and submit. Necessary corrections are also to be make in relevant paras and in index also.
15. Limestone blocked in the pit slopes is to be considered and shown on the plates. Anticipated life of the mine should be reviewed and corrected accordingly.
16. It is mentioned that there is no road, river, nalla, electric line, passing through the lease area or the vicinity of lease area, is not correct as river Shivnath is flowing near the lease area, also road is there, thus correct information should be given at each place in the document also effect of the river water in the mines working needs to be describe in detail in environment baseline information, Impact assessment
17. The year 2015-16 is already passed so actual figures of production; excavation etc. is to be given, accordingly recalculate life of mine.
18. In the chapter Ultimate capacity of dump(page No.32) it is mentioned overburden/waste dump during the lease period to be around 2000m³. Figures may be reconciled with the earlier chapters.
19. Mine drainage- item no. 3(d) information may be change according to previous paras.
20. Page No. 40 Under heading employment potential existing manpower is also to be discussed in tabular form including qualification. Employment of Mining Engineer/ Geologist should be given as per rule.
21. In the chapter environment Base line information, Environment assessment statement information is to be modified regarding Shivnath river.
22. In the chapter Environmental base line information Rainfall data for last 5 years may be given from meteorological department, also HFL of nearest river, Season wise minimum and maximum level of water table should be ensure from ground water department and accordingly change all relevant paras. Factual information is to be given as it is comes to know that flood water of river Shivnath entered in the lease area every year
23. Name of persons, designation with address and phone along with respective responsibilities should be detailed under disaster management para.

Plates.

1. Location plan is not enclosed
2. All pages as well as annexure should be serially numbered. Date on the annexure i.e. consent letter and certificate not given.
3. Plates as required under new format needs to be enclosed and remaining to be removed.
4. Latitude and longitude of the lease boundary pillars is to be given and DGPS coordinates should be authenticated by state authorities. Otherwise erase all latitude and longitudes in all plates.
5. Unless otherwise specified, all plans and sections should confirm to the provisions of rule 27 and 28 of MCDR, 1988, IS 7974 and MMR 1961 in respect of details to be shown, use of legend, use of scale etc. It is to understand the difference between RF and scale and accordingly change.
6. Lease Plan – Lease map has not been enclosed, as per CCOM circular 2/2010 a geo-reference cadastral map surveyed through DGPS, showing disposition of lease area certified by the competent authority of state government; is to be submitted. The lease plan should indicate all the details of Khasra on appropriate cadastral map indicating the extent of area of each Khasra that is covered under mining lease
7. Surface Plan: No spot levels have not been given at the lease boundary and road, it should be given after resurvey.
8. Conceptual planning is incomplete as partial backfilling is proposed but planning for rest of the area, management of waste/mineral rejects etc. has not been either discussed or shown on the plates. Thus conceptual planning needs to be discussed as per the guidelines.
9. Folding of plates should be in such a way in proper size so that plate no; name of plate may be easily identified.

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