

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of Inspecting officer, Accompanying person and date of Inspection	Rajesh Kumar Das, Senior Assistant Controller of Mines, Shri Vimal Kumar Jain, Owner's Representative, 04.03.2020
1a	Name of the Mine	Farhada Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	21.373 ha
3	Mine code	38CHG14019
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/10950/2012
5	Name of the lessee, Address, phone, email and fax number	Shri Akheraj Lunia, P.O.-Baikunth, Distt.-Raipur, Pincode-493116
6	Village	Pharahda
7	Taluka/Mandal	Simga
8	District	Raipur
9	Pincode	493116
10	State	Chhattisgarh
11	Post office	Simga
12	Nearest police station	Suhela
13	Nearest Railway station	Bhatapara
14	Date of Grant of Mining Lease	23.12.1995
15	Date of Execution	23.12.1995
16	Date of opening of Mine	20.10.2004
17	Date of first Renewal, if applicable and its period & expiry	As per sec 8(A) of MMDR (Amendment Act lease is extended upto 22.12.2045
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri K.L.Sharma, C/O Shri Akheraj Lunia, P.O.-Baikunth, Distt.-Raipur, Pincode-493116, E-Mail : nalinandasso@yahoo.com, Mob: 9827145243
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri K.L.Sharma, C/O Shri Akheraj Lunia, P.O.-Baikunth, Distt.-Raipur, Pincode-493116, E-Mail : nalinandasso@yahoo.com, Mob: 9827145243
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Geologist not appointed as the mine is non-working in 2018-19
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approved vide letter no. RAP/Lst/MPLN-450/NGP dated 29.06.1995
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Last approved document modified Mining Plan approved vide letter no. RAP/Lst/MPLN-450/NGP/2015 dated 05.05.2016 for the period 2015-16 to 2019-20
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Category A
30	Captive/Non Captive	Non Captive
31	EC Capacity	60000 tons/year
32	BG validity	Rs 2 lakh validity upto 25.06.2025 & Rs 17 lakh validity upto 02.01.2028

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No such proposal in 2018-19	Ni	
1e	Balance reserves as on 01.04.2015	1962951		
1f	General remarks of inspecting officer on geology, exploration etc.	The lease area is still not explored properly and 10 DTH holes reported of maximum depth of ten meter 2 bore holes drilled in 2006-07 of depth 13 meter each.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Southern side of ML	Broadly within proposed area	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	yes		
2c	Stripping ratio or ore to OB ratio	Not mentioned specifically	Waste generation is negligible	
2d	Quantity of topsoil generation in m ³	Not mentioned specifically	Nil	
2e	Quantity of overburden generation in m ³	Top 0.2mtr mentioned as top soil/waste quantity not mentioned	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine is non-working in 2018-19		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One	No production in 2018-19	
3b	Quantity of ROM mineral production proposed	60000	Nil	
3c	Recovery of salable/usable mineral from ROM production	95%	NA	
3d	Quantity of mineral reject generation	3000	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not mentioned	NA	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No such segregation proposed	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Yes	As per proposal	

3k	Provision of mining machineries in mineral benches	Yes	Shovel dumper combination	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes,OB 0.2 mtr bench and in ore maximum 6 meter bench height	Broadly as per proposal	
3m	Total area covered under excavation/pits	Not mentioned specifically yearwise		
3n	Ore to OB ratio for the pit/mine during the year	Not mentioned	NA	Waste generation negligible
3o	Total area put in use under different heads at the end of year	Not mentioned specifically yearwise		
3p	Production of ROM mineral during last five-year period, as applicable			
3q	General remarks of inspecting officer on method of mining etc.	The mine is non-working in 2018-19		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No such proposal as top soil generation is negligible and OB dumping is proposed.		
4b	Location of topsoil, OB & mineral reject dumps	OB Dumping in North side		
4c	Number of dumps within lease area and outside lease area	one	No major dump observed	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OB Dumping in North side of ML		
4e	Number of active & alive dumps	one	No major dump observed	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	
4j	Number of settling ponds	NA	NA	
4k	Specific comments of inspecting officer on waste dump management	No major dump observed therefore no comments on waste management.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NA	NA	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area not matured for backfilling.		

Progressive Mine Closure Plan

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	Not submitted	NA	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	Nil	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L *B * D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i) Nil	i) Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) Nil	i) Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No such proposal	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	The mine is non-working in 2018-19		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No such grade wise proposal	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	

7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The total ROM is dispatched and no beneficiation is done except crushing.		

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Negligible	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dump for OB/reject	Waste generation is negligible	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No information of plantation	The mine is non-working most of time and no plantation done	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Due to small scale mining no such proposal given	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	As the mine is small scale mining with semi mechanized method therefore no such adverse impact observed during mine visit.		

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	AR upto 2018-19 & MR upto Feb'2020		
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri K L Sharma is reported as Mining Engineer & Manager	Mine is non-working in 2018-19	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes given	Area under land use is 1.8 ha, area for waste-1.0 ha.	
9d	Scrutiny of Annual return on afforestation	No afforestation reported		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	No production reported in 2018-19		
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	No working		

Details of violations observed during current inspection and compliance position of earlier violation pointed out: - The earlier violation already complied and during present inspection the following violation pointed out:

नियम	उल्लंघन के प्रकार का ब्यौरा
11(1)	Mining operations in a mine is being carried out without having valid approved mining plan/review of mining plan.
11(4)	Review Of Mining plan has not been submitted to competent authority 180 days before expiry of five years period for which it was approved on last occasion for mining operations for a period of five subsequent years and last approved document will be expired on 31.03.2020.

(Rajesh Kumar Das, Senior Assistant Controller of Mines)