

MCDR INSPECTION**General**

SN	Particulars	Details
	Date of Inspection	22.8.2015
1	Name of the Mine	Mopar Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	13.25 Hect (Govt. Revenue Land), Non-forest land
3	Minecode	38CHG14018
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/14283/2012
5	Name of the lessee, Address, phone, email and fax number	Shri Kapil Agarwal, C-66, Sector-4 Devendranagar Distt. Raipur Raipur Chhattisgarh Ph. 0771-4240004 (TF,3250000 (R), 9826750000 (M) Email: kapil.mining@yahoo.in
6	Village	Mopar
7	Taluka/Mandal	Bhatapara
8	District	Balodabazar
9	Pincode	-
10	State	Chhatisgarh
11	Post office	Mopar
12	Nearest police station	Suhela
13	Nearest Railway station	Hathbandh/Bhatapara
14	Date of Grant of Mining Lease	03.10.2002 for 10 years
15	Date of Execution	03.10.2002
16	Date of opening of Mine	03.01.2004
17	Date of first Renewal, if applicable and its period & expiry	N.A.
18	Date of second Renewal, if applicable and its period & expiry	N.A.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Nil
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nil
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Nishesh Kumar Sankari, Distt. Balodabazar Date of Appointment-18.07.2015
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Nishesh Kumar Sankari, Distt. Balodabazar Date of Appointment-18.07.2015
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Nil
25	Date of Approval of Mining Plan/Modified	Mining Plan was Approved vide IBM letter no.

SN	Particulars	Details
	Mining Plan with five-year period and specific condition in approval letter, if any.	RAP/LST/MPLN-784/NGP, Dated-16.07.2002 No specific condition
26	Date of Approval of Scheme of Mining/ Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Scheme of Mining was Approved vide IBM letter no. RAP/LST/MPLN-784/NGP, Dated-27.11.2014 Period- 2012-13 to 2015-16
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Open Cast Mine
29	Category (Fully Mechanised, Others or Manual)	A Manual
30	Captive/Non Captive	Non Captive

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	-	-	-
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	--	--	--
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	--	--
1e	Balance reserves as on 01.04.2015	5159355 tonnes	5158718 tonnes	--
1f	General remarks of inspecting officer on geology, exploration etc.	Nil		

Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Nil	Nil	--
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	RL-266-265 m	Nil	--
2c	Stripping ratio or or e to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m ³	10400 m ³	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil	Nil	

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	10400 sqm	700 sqm	
3b	Quantity of ROM mineral	192375 tonnes	Nil	

SN	Item	Proposals	Actual work	Remarks
	production proposed 2013-14			
3c	Recovery of salable/usable mineral from ROM production	Nil	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Jack Hammer, Compressor Drilling & Blasting	As proposed	
3k	Provision of mining machineries in mineral benches	Not Proposed	Not Proposed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Width and height of ore benches is proposed 4.5 and 3m respectively each.	As proposed	
3m	Total area covered under excavation/pits	2.00 Hect	As proposed	
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	
3o	Total area put in use under different heads at the end of year	7.27 ha	0.58 Hect	
3p	Production of ROM mineral during last five-year period, as applicable	2010-11-2223 2011-12-3890 2012-13-3890 2013-14-5555 2014-15-192375	Nil Nil Nil Nil 637 tonnes	
3q	General remarks of inspecting officer on method of mining etc.	Mining Operations were continue from 2014-15		

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	

4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	

Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	
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)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

Progressive Mine Closure Plan

SN	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.	Nil	Nil	
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	680 Nos	800 Nos	

SN	Item	Proposals	Actual work	Remarks
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (Lx Bx D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	As per proposal	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Nil	Nil	

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil		

Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	6800 sqm	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	Overburden used for maintenance of mine dump	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	
8f	Baseline information on existence of plantation & additional plantation	0.41 ha	0.41 ha	
8g	Survival rate	60%	50%	

8h	Water sprinkling on roads to control airborne dust	Proposed	Done periodically	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil		

Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto July 2015 A.R. submitted upto 2014-15	

SN	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information of Annual return in all columns is found filled up more or less correctly. Production-637 tonnes OB-Nil Plantation- 95 No. (outside Lease Area) Ex mine Price- Rs 215/- Cost of production- Rs 214.38		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

Violation of MCDR 1988 Rule not observed

Date 20.11.2015

(S.M.Dorle)
Asstt Mining Engineer
(Name of inspecting officer with designation and date)