

MCDR INSPECTION**General**

SN	Particulars	Details
	Date of Inspection	03.11.2015
1	Name of the Mine	Sahegaon Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.047 Hect (Govt. Revenue Land), Non-forest land
3	Minecode	38MPR13022
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6624/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Ruprella Brothers Sai Kripa, Arjun Niwas, J-4 Green Orchid, Avni Vihar, Daldal Seoni, Mowa, Raipur-492007 9300624127(M) parul0906@yahoo.co.in
6	Village	Sahagaon
7	Taluka/Mandal	Dhamda
8	District	Durg
9	Pincode	490636
10	State	Chhattisgarh
11	Post office	Nandini
12	Nearest police station	Nandini
13	Nearest Railway station	Durg
14	Date of Grant of Mining Lease	06.12.1981 for 20 years
15	Date of Execution	06.12.2000
16	Date of opening of Mine	-
17	Date of first Renewal, if applicable and its period & expiry	06.12.2001 for 20 years
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	N.A.
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	N.A.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri B.L.Prasad, Mining Engineer. Degree in Mining Engineering
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	N.A.
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.	DRG/LST/MPLN-183/NGP, Dated-24.07.2002
26	Date of Approval of Scheme of Mining/ Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1 st Scheme of Mining Plan was approved vide IBM letter no. DRG/LST/MPLN-183/NGP, Dated-06.05.2009 2 nd Scheme of Mining Plan was approved vide IBM letter no. DRG/LST/MPLN-183/NGP, Dated-10.11.2012
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)	Manual
30	Captive/Non Captive	Non-Captive

Exploration

SN	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	Nil	Nil	--
1e	Balance reserves as on 01.04.2015	539050 Tonnes	539050 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	NA	NA	--
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	NA	--
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	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	01	Nil	
3b	Quantity of ROM mineral production proposed	2012-13 to 2016-17 12000 tonnes per year	2012-13 -520 tonnes 2013-14 -12250 tonnes 2015-15 -3650 tonnes	
3c	Recovery of salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	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	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	Drilling & blasting proposed	yes	
3k	Provision of mining machineries in mineral benches	Not Proposed	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	yes	
3m	Total area covered under excavation/pits	3.52 Hect.	As per proposal	
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	3.850 Hect.	3.52 Hect.	
3p	Production of ROM mineral during last five-year period, as applicable 2013-15	As per column 3b	As per column 3b	
3q	General remarks of inspecting officer on method of mining etc.	Nil		

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject(Rule 32, 33)	At northern side within 7.5m of lease boundary	As per proposal within 7.5m of lease boundary	
4b	Location of topsoil, OB & mineral reject dumps	At northern side within 7.5m of lease boundary	As per proposal within 7.5m of lease boundary	
4c	Number of dumps within lease	Nil	Nil	

	area and outside lease area			
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	NA	NA	
4j	Number of settling ponds	1	1	
4k	Specific comments of inspecting officer on waste dump management	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	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
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	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.	yes	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	NA	NA	
6c	Compliance on reclamation and rehabilitation by backfilling	NA	NA	

SN	Item	Proposals	Actual work	Remarks
	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			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	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	Nil	Nil	
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)	No topsoil generated	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not yet started	Nil	
8f	Baseline information on existence of plantation & additional plantation	Proposed plantation at Northern side boundary	nil	

8g	Survival rate	Nil	Nil	
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	
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 Nil A.R. submitted upto 2013	

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	-		
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:-

Violations of MCDR 1988 Rule of 45(5)(a), 45(5)(b) and 24 was observed and communicated to the owner vide letter No CHG/DRG/LST-47/NGP dated...13.11.2015

Date 29.01.2016

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