

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Rodada Limestone Mine, Area-42.852 ha 28/06/2024 Robert Simon C Assistant Controller of Mines Jabalpur Region, IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	(i) Total Lease Area:-42.852 ha (ii) Forest Land:- Nil (iii) Non-forest Land:-42.852 ha
3	Mine code	38MPR403001
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15003/2013
5	Name of the Lease, Address, Phone, email and fax number	Name of the Lease:-Rodada Limestone Mine Area-42.852 ha Address:-Village-Rodada, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446 Phone:-9503484392 Email:-jeerabadmines@sagarcements.in Fax number:
6	Village	Rodada
7	Taluka/Mandal	Gandhwani
8	District	Dhar
9	Pin code	454446
10	State	Madhya Pradesh
11	Post Office	Jeerabad
12	Nearest Police Station	Gandhwani
13	Nearest Railway Station	Indore
14	Date of Grant of Mining Lease	13.01.2021
15	Date of Execution	19.01.2021
16	Date of opening of Mine	10.01.2024
17	Date of First Renewal, if applicable and its period & expiry	NA
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	Shri Rajesh Bansal Address: 602, Airen Heights, PU-3, Scheme No-54, Opp. C-21 Mall, A.B. Road, Indore, Madhya Pradesh, 452010 Phone :-9425064204 Email :-rajesh261171@yahoo.co.in Fax number +91-40-23356573 Date of appointment-13.08.2019
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Name of mine agent- Niraj Kumar Shrivastava Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P. Phone-9522215534 Email-nirajkumar@sagarcements.in Fax number-Nil Date of appointment-24/01/2024
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Rahul Govind bhai Barai Qualification- BE (Mining) Total Experience- 8.5 years

		Address-Factory Karondiya(Vill.),Pos 454446,Tehsil Gandhwani,Dist.- Dhar,M.P Phone -8866688875 Email-rahul.b@sagarcements.in Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-10.01.2024
24	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Rohit Kanojiya. Msc.Geology Total Experience- 5 years Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-10.01.2024
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date-20.03.2020 Letter No.-MP/Dhar/Lst./MPLN/G-15/19-20 Five year period -2020-21 to 2024-25
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and approved for Mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	09 Boreholes	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	05 Boreholes	20 bore holes	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Unique Geotech & drillers	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1-42.852 ha	G1-00 ha G2-26.3690 ha G3- 9.6510ha G4-6.8320 ha	
1e	Balance reserves as on 01.04.2024	6538586 ton	6922130 ton	
1f	General remarks of Inspecting officer on geology, exploration etc.	The Geological study report for the recently carried out exploration is yet to be submitted. Thus, there is violation of the rule.		

Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N-2479348 to 2479451 E-508418 to 508583	N-2479315 to N 2479348 E-508557 to 508583	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	OB-1 Mineral-1	OB-1 Mineral-1	
2c	Stripping ratio or ore to OB ratio	1:0.05	1:71.78	
2d	Quantity of topsoil generation in m ³	NA	Nil	
2e	Quantity of overburden generation in m ³	11586	10767	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	The Initial Mining Plan of above mentioned mine was approved vide letter No. MP/Dhar/Limestone/MPLN/G-15/19-20 dated 20/03/2020 incorporating proposal of working from 2020-21 to 2024-25 and it has been observed that “Only 300 tonnes of Limestone is produced against the proposal of 202755 tonnes for the year 2023-24”.Hence the development was found lagging behind the approved proposals. Violation pointed out under Rule 11(1).		

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed (2023-24)	202755 ton	300 ton	Violation pointed out under Rule 11(1).
3c	Recovery of Salable/usable mineral from ROM production	90 %	100%	
3d	Quantity of mineral reject generation	Not proposed	NA	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	NA	
3f	Quantity of sub-grade mineral generation	Not proposed	NA	
3g	Grade of sub-grade mineral generation	Not proposed	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanized method	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NA	
3j	Provision of drilling & blasting in mineral benches	-	-	
3k	Provision of mining machineries in mineral benches	Yes	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 meter	Found suitable	
3m	Total area covered under excavation /pits	0.67 ha	0.166 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.05	1:71.78	
3o	Total area put in use under different heads at the end of year	1.3325 ha	0.3316 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0	0
		2020-21	26002	0
		2021-22	53602	0
		2022-23	101485	0
		2023-24	202755	300
3q	General remarks of inspecting officer on method of mining etc	The Initial Mining Plan of above mentioned mine was approved vide letter No. MP/Dhar/Limestone/MPLN/G-15/19-20 dated 20/03/2020 incorporating proposal of working from 2020-21 to 2024-25 and it has been observed that "Only 300 tonnes of Limestone is produced against the proposal of 202755 tonnes for the year 2023-24". Violation pointed out under Rule 11(1).		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Yes	There is only OB generation.
4b	Location of topsoil, OB & mineral reject dumps	N- 2479304 to 2479585 E- 508264 to 508464	N-2479304 to 2479372 E-508236to 508313	OB Dump
4c	Number of Dumps within lease area and outside lease area	1(within lease)	1(within lease)	

4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	N- 2479304 to 2479585 E- 508264 to 508464	N-2479304 to 2479372 E-508236to 508313	OB Dump
4e	Number of Active & Alive dumps	1	1	
4f	Number of deed dumps	Nil	Nil	
4g	Number of dumps established	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump 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	Not proposed	Nil	
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	No backfilling & reclamation done.		

Progressive Mine Closer 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	Proposed	Submitted	
6b	Management of worked/mined out benches	Nil	Nil	
	i) Area available for rehabilitation (Ha)	Not proposed	Nil	
	ii) Afforestation done (ha)	Not proposed	Nil	
	iii) No.of saplings planted during the year	Not proposed	Nil	
	iv) Cumulative no. of plants	Not proposed	Nil	
	v) Any other specific method of rehabilitation	Not proposed	Nil	
	vi) Cost incurred on watch & care during the year	Not proposed	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 backfilling 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 rehabilitation iii) Method of rehabilitation	(i)Afforestation-18 saplings (ii)Arearehabilitation-0.009 ha (iii)Method of rehabilitation- Plantation	(i)Afforestation-18 saplings (ii)Arearehabilitation-0.009 ha (iii)Method of rehabilitation- Plantation	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Quarterly	Quarterly	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Dispatch	ROM Dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sort out at mine	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM is utilized in the captive cement plant owned by the lessee.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	No proposal	NA	
8b	Concurrent use or storage of topsoil	No proposal	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	1	1	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	18 saplings(0.009 ha)	18 saplings(0.009 ha)	
8g	Survival rate	70 %	70 %	

8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling has been carried out on regular basis.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty is maintained in and around mine area by means of plantations.		

Compliance of rule 45 :

Sl.N	Item	Proposals	Actual Work	Remarks
9a	Status of submission of monthly and Annual returns	Returns are submitted on time.	Returns are submitted on time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager : Not given Mining Engineer in charge: Rhul barai Geologist in charge : Rohit kanojia	PART-1 S.No.07 & 08: The details wrt to the Manager and Mining Engineer furnished are incomplete.	Violation pointed out under Rule 45(7).
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	(i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000 (ii) Covered under current (O-C) Workings 0.000 0.166 0.166 (iii) Reclaimed-rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.147 0.147 (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.010 0.010 (vi) Used for any other purpose (specify) PLANTATION 0.000 0.009 0.009 (vii) Work done under progressive mine closure plan during the year 0.000 0.009 0.009	
9d	Scrutiny of Annual return on afforestation	Trees planted- survival rate Description Within lease area Outside lease area i) Number of trees planted during the year 18 112 ii) Survival rate in percentage 70 70 iii) Total no. of trees at the end of the year 18 1211	PART-5 S.No.05 (Trees planted-survival rate). The details wrt to Total no.of trees at the end of the year is incorrectly furnished.	Violation pointed out under Rule 45(7).
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Given	Cement grade limestone Opening stock : Nil Production : 300 Tonnes Cement Grade Lst Closing stock : Nil	
9g	Scrutiny of Annual return on sale value, Ex Mine price & production costs	Given	Cost of production & Ex mine price – Rs.155.10	
9i	Scrutiny of Annual return on Fixed assets	Given	The Value of Fixed Asset is mentioned as Rs.1042000	

9k	Scrutiny of Annual return on mining Machineries	Given	Type of machinery Capacity of each type of machinery Unit (in which capacity is reported) No. of machinery Electrical Nonelectrical (specify) Used in opencast underground (specify) SHOVEL (HYDRAULIC) 1.200 CUM 1 Non Electrical Opencast TIPPER 10.000 CUM 1 Non Electrical Opencast
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Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-

Details of violations observed during current inspection and compliance position of violation pointed out					
Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 11 (1)	14-AUG-24				
Rule 12	14-AUG-24				
Rule 33	14-AUG-24				
Rule 45 (7)	14-AUG-24				

Date: 24.09.24

Name: Robert Simon C

Designation: Assistant Controller of Mines