

INSPECTION DATASHEET**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Rodada limestone mine area 13.150 ha 28/6/2024 Robert Simon C] Assistant Controller of Mines Jabalpur Region, IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total lease area 13.150 ha Forest land -0.00 ha Non Forest land - 13.150 ha
3	Mine code	38MPR12080
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15003/2013
5	Name of the Lease, Address, Phone, email and fax number	Rodada Limestone Mine, Area 13.15 Hect. Address:- Village- Rodada ,Taluka- Gandhwani, District- Dhar, State- Madhya Pradesh Phone:- 7697029614 Email- jeerabadmines@sagarcements.in
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	27/12/2016
15	Date of Execution	23/09/2020
16	Date of opening of Mine	09/04/2021
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 valid from-09/04/2021
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-10/06/2023
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name -Kyatham Rajrnder

		Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P. Phone-9440364703 Email-rajendark@sagarcements.in Fax number- Nil Date of appointment in the mine-15.11.2023
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Name -Manoj Kumar Singh Qualification-BE (Mining) Total experience-18 years Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P. Phone-9340215579 Email-manojkumar.s@sagarcements.in Fax number- Nil Date of appointment in the mine-10/11/2022
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Siyaram Mishra Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-10.11.2022
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date of Approval of Modified Mine Plan-28/1/2022 Letter No. MP/Dhar/Lst./MPLN/MOD-24/2021-22
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Not applicable
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	Nil	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	No exploration proposal for year 2023-24
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Nil	Nil	No exploration proposal 2023-24
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	Entire lease area explored under G1 level of exploration during year

				2022-23.
1e	Balance reserves as on 01.04.2024	29,43,388 tones	30,24,349.66 tones	
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area already explored under G1 level of exploration during year 2022-23.		

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Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	E506975 TO E507010 & N2480204 TO N2480369	E506977 TO E507012 & N2480208 TO N2480372	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	There is no top soil in lease area	There is no top soil in lease area	There is no top soil in lease area
2c	Stripping ratio or ore to OB ratio	Nil	Nil	There is no top soil in lease area
2d	Quantity of topsoil generation in m ³	Nil	Nil	There is no top soil in lease area
2e	Quantity of overburden generation in m ³	Nil	Nil	There is no top soil in lease area
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development of pit is restricted to limestone excavation for the proposal year 2023-24.		

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)	190068 Tones	190000 Tones	
3c	Recovery of Salable/usable mineral from ROM production	90%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	There is no Mineral reject
3f	Quantity of sub-grade mineral generation	Nil	Nil	There is no subgrade Mineral
3g	Grade of sub-grade mineral generation	Nil	Nil	There is no subgrade Mineral
3h	Manual/Mechanized method adopted for segregation from ROM	Nil	Nil	There is no segregation from ROM
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	NA
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	
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	Yes	Found suitable	
3m	Total area covered under excavation /pits	2.0301 ha	1.811 ha	

3n	Ore to OB ratio for the pit/mine during the year	Nil		Nil	There is no OB
3o	Total area put in use under different heads at the end of year	2.2521 ha		1.7011 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0.00	0.00	
		2020-21	0.00	0.0	
		2021-22	100006 tones	30050 tones	
		2022-23	190023 tones	179085.18 tones	
		2023-24	190068 tones	190000 tones	
3q	General remarks of inspecting officer on method of mining etc				

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Nil	Nil	There is no top soil
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	There is no top soil, OB & Mineral reject
4c	Number of Dumps within lease area and outside lease area	Nil	Nil	There is no dumps
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	There is no dumps
4e	Number of Active & Alive dumps	Nil	Nil	There is no dumps
4f	Number of deed dumps	Nil	Nil	There is no dumps
4g	Number of dumps established	Nil	Nil	There is no dumps
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	There is no dumps
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	There is no dumps
4j	Number of settling ponds	Nil	Nil	There is no dumps
4k	Specific comments of inspecting officer on waste dump management	No comments on waste dump management as there is no waste excavation.		

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	Nil	Nil	There is no completely mined out area for backfilling
5b	Area under backfilling of mined out area	Nil	Nil	There is no completely mined out area for backfilling
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	There is no completely mined out area for backfilling
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	

5e	General remarks of inspecting officer on backfilling, reclamation etc	No backfilling & reclamation is being 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	Yes	Submitted on Time.	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Nil	Nil	
	ii) Afforestation done (ha)	Nil	Nil	
	iii) No.of saplings planted during the year	Nil	Nil	
	iv) Cumulative no. of plants	Nil	Nil	
	v) Any other specific method of rehabilitation	Nil	Nil	
	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 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) 10nos ii) 0.009 iii) Plantation	i)290nos ii)0.145 iii)Plantation	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	Environment monitoring (core zone & buffer zone) has been carried out quarterly basis
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP compliance & progressive closer operations have been carried out as per proposals.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Dispatch	ROM Dispatch	There is no grade wise sorting within lease area
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	There is no grade wise sorting within lease area
7c	Different grade of mineral sort out at mine	Nil	Cement grade reported.	
7d	Any beneficiation process at mines	Nil	Nil	No any beneficiation process at mines
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral dispatch to the cement plant belonging to the lessee.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Nil	Nil	There is no top soil in lease area
8b	Concurrent use or storage of topsoil	Nil	Nil	There is no top soil in lease area
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Nil	Nil	There is no overburden and waste rock and reject in lease area
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	There is no overburden and waste rock and reject in lease area
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Nil	Plantation during year =290 nos Cumulative =470nos	
8g	Survival rate	-	80%	
8h	Water sprinkling on roads to control airborne dust		Water sprinkling has been carried out on haul road on regular basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is fair.		

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	Nil	Nil	
7c	Different grade of mineral sort out at mine	Nil	Cement grade	
7d	Any beneficiation process at mines	Not proposed	Not adopted.	
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)	NA	Nil	There is no top soil
8b	Concurrent use or storage of topsoil	NA	Nil	There is no top soil
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	Use in conceptual period	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	22 plants (0.011 ha)	150 plants (0.075 ha)	
8g	Survival rate	80%	80%	
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 in and around mine area is moderate.		

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	Furnished	Manager : K.Rajendar Mining Engineer in charge: K,Rajendar Geologist in charge : siyaram mishra	

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 1.811 1.811 (iii) Reclaimed-rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.000 0.000 (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.140 0.140 (vi) Used for any other purpose (specify) Plantation 0.000 0.235 0.235 (vii) Work done under progressive mine closure plan during the year 0.000 0.145 0.145	
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 290 112 ii) Survival rate in percentage 80 80 iii) Total no. of trees at the end of the year 470 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 : 190000 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.164.33	
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	TIPPER 10.000 CUM 3 Non Electrical Opencast	

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 33	14-AUG-24				
Rule 45 (7)	14-AUG-24				

Date: 25.09.24

Name: Robert Simon C

Designation: Assistant Controller of Mines