

INSPECTION DATASHEET**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Jeerabad Limestone Mine Area:21.080 HA 22.03.2024 Robert Simon C - Assistant Controller of Mines ,Jabalpur Region,IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	21.080 Hectare Non-Forest: 21.080 HA & Forest: 0.00 HA
3	Mine code	38MPR12081
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15003/2013
5	Name of the Lease, Address, Phone, email and fax number	Sagar Cements (M) Private Limited Add- 602/A & 602/B Airen Heights, PU-3,Scheme No. 54, Opp. C-21 Mall, A.B. Road, Indore Phone-0731-4075939, Email- jeerabadmines@sagarcements.in
6	Village	Jeerabad
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	21.03.2017
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	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Rajesh Bansal Add-602/A & 602/B Airen Heights, PU-3,Scheme No. 54, Opp. C-21 Mall, A.B. Road, Indore, Madhya Pradesh Phone -9425064204 Email - rajesh261171@yahoo.co.in Fax- Nil Date of appointment valid from- 09.04.21
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Niraj Kumar Srivastava 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	Mr. Manoj Kumar Singh Address- Factory Karondiya (Vill.), Post-Jeerabad-454446, Tehsil Gandhwani, Dist. - Dhar, Madhya Pradesh Phone-09340215579 E-mail: manojkumar.s@sagarcements.in Date of Appointment: 14.04.2022
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email and date of appointment in the mine	Mr. Manoj Kumar Singh Qualification-BE (Mining) Total experience-18 years Address- Factory Karondiya (Vill.), Post-Jeerabad-454446, Tehsil Gandhwani, Dist.- Dhar, Madhya Pradesh Phone-09340215579 E-mail: manojkumar.s@sagarcements.in

		Date of Appointment: 22.04.2022
24	Name of the Geologist, Qualification and total experience and date of appointment in the mine	Name –Siyaram Mishra Qualification-M.Sc. Geology (Mining) Total experience-15 years Date of appointment in the mine-10/01/2022
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: 28.01.2022 Five Period: 2021-22 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.	Nil
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)	Category -A ,Fully Mechanized
30	Captive/Non-Captive	Captive

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.	18 Borehole	24 Borehole	Area explored under G1=21.080 ha Unexplored=0.00 ha
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	-	Unique Geo-tech & Drillers Expenditure: 11.46 lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Area explored under G-1=21.080 ha Unexplored=0.00 ha	Area explored under G-1=21.080 ha Unexplored=0.00 ha	
1e	Balance reserves as on 01.04.2023(Million Tonnes)	1.36 million tones	1.36 million tones	
1f	General remarks of Inspecting officer on geology, exploration etc.			

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	2479010 – 2478943 N 508089 – 507960 E	2479010 – 2478938 N 508086 – 507968 E	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes	Yes	There is no top soil and overburden in proposed working location.
2c	Stripping ratio or ore to OB ratio	Nil	Nil	There is no overburden in proposed working location
2d	Quantity of topsoil generation in m ³	Nil	Nil	There is no top soil in proposed working location.
2e	Quantity of overburden generation in m ³	Nil	Nil	There is no overburden in proposed working location.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	There is no overburden in proposed working location. Only development of limestone benches observed.		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM mineral production proposed (2022-23)	193098 Tonnes	192515.78 Tonnes	
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	There is no any waste generation

3d	Quantity of mineral reject generation	Nil	Nil	There is no mineral reject.	
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 sub grade mineral.	
3g	Grade of sub-grade mineral generation	Nil	Nil	There is no sub grade mineral.	
3h	Manual/Mechanized method adopted for segregation from ROM	Nil	Nil	There is no any segregation from ROM	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil		
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	Yes		
3m	Total area covered under excavation /pits	0.9580 Ha	0.7464 Ha		
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	There is no overburden in proposed working location	
3o	Total area put in use under different heads at the end of year	Area under Mining -0.9580 Ha Road: 0.10 ha Infrastructure: 0.00 Mineral storage: 0.1 ha Other: 0.09 ha	0.7464 ha 0.000 ha 0.000 ha 0.000 ha 0.115 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19	NA	NA	
		2019-20	NA	NA	
		2020-21	4500	0.00	
		2021-22	103015	95050	
		2022-23	193098	192515.78	
3q	General remarks of inspecting officer on method of mining etc	Production was being carried out as per proposal for the year 2022-23.			

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 and OB dump within lease area
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	There is no top soil and OB dump within lease area
4c	Number of Dumps within lease area and outside lease area	Nil	Nil	There is no OB dump within and outside of lease area
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	There is no OB dump within lease area
4e	Number of Active & Alive dumps	Nil	Nil	There is no OB dump within lease area
4f	Number of deed dumps	Nil	Nil	There is no OB dump within lease area
4g	Number of dumps established	Nil	Nil	There is no OB dump within lease area
4h	Whether Retaining wall or garland	Nil	Nil	There is no OB dump

	drain all along dumps are there			within lease area
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	There is no OB dump within lease area
4j	Number of settling ponds	Nil	Nil	-
4k	Specific commends of inspecting officer on waste dump management	There is no top soil and OB excavation proposed within lease area.		

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
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	No backfilling, reclamation carried out in the lease.		

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)	0.018 ha	0.115 ha	
	iii) No.of saplings planted during the year	20	230	
	iv) Cumulative no. of plants	20	260	
	v) Any other specific method of rehabilitation	150m fencing	300 m Fencing has been carried out along lease boundary.	
	vi) Cost incurred on watch & care during the year	-	79654.00/-	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	(i)Nil	(i)Nil	
	ii) Void filled by waste/tailings	(ii)Nil	(ii)Nil	
	iii) Afforestation on the backfilling	(iii)Nil	(iii)Nil	
	iv) Rehabilitation by making water reservoir	(iv)Nil	(iv)Nil	
	v) Any other specific means	(v)Nil	(v)Nil	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	(i)20 No's	(i)230 No's	
	ii) Area rehabilitation	(ii)0.018 Ha	(ii)0.115 Ha	
	iii) Method of rehabilitation	(iii)Plantation	(iii)Plantation	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	
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 mineral dispatch	ROM mineral dispatch	Grade wise sorting is not carried out within lease area
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	
7c	Different grade of mineral sort out at mine	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral dispatch to the captive cement plant owned by 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 proposed working location.
8b	Concurrent use or storage of topsoil	Nil	Nil	There is no top soil in proposed working location.
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Nil	Nil	There is no overburden, waste rock, rejects and fines dumps in proposed working location.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	There is no overburden, waste rock, rejects and fines dumps in proposed working location.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Yes	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Yes	Yes	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is fair.		

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 : Manoj kumar singh Mining Engineer in charge: Manoj kumar singh 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 1.380 1.380 (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 0.100 0.100	

			(vi) Used for any other purpose (specify) Plantation 0.000 0.133 0.133 (vii) Work done under progressive mine closure plan during the year 0.000 0.115 0.115	
9d	Scrutiny of Annual return on afforestation	Given	i) Number of trees planted during the year 230 1099 ii) Survival rate in percentage 90 95 iii) Total no. of trees at the end of the year 260 1099	
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 : 192515.78 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 242.57.	
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: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. 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) AIR COMPRESSOR 300.000 CUM/MN 1 Non Electrical Opencast SHOVEL (HYDRAULIC) 1.200 CUM 1 Non Electrical Opencast TIPPER 10.000 CUM 3 Non Electrical Opencast	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out: No significant violation pointed out as their no significant lagging in the proposal vs achievement for the proposal year 2022-23.

Date:25.09.24

Name: Robert Simon C -

Designation: Assistant Controller of Mines