

**INSPECTION DATASHEET****General**

<b>S.N.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Jeerabad Limestone mine Area 4.999 ha 23/03/2024 Robert Simon C - Assistant Controller of Mines ,Jabalpur Region,IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area (Ha.)=4.999ha Non Forest Area =4.999 ha Forest Area -0.0 ha
3	Mine code	38MPR12084
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 Address-602A & 602B,Airen Heights,PU-3,Scheme No.54,Opp. C-21 Mall, A.B Road, Indore-452001, M.P.  Phone -0731-3500971-972  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	26/4/2017
15	Date of Execution	23/09/2020
16	Date of opening of Mine	21/05/2021
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	<b>Shri Rajesh Bansal</b> 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- 21.05.2021
21	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name -Manoj Kumar Singh Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P. Phone-9340215579 Email-manojkumar.s@sagarcements.in Date of appointment in the mine-14/4/2022
22	Name of the Mine Agent with Address, phone, email, 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 Date of appointment-10/06/2023

23	Name of the Mining Engineer, Qualification and total experience with address, phone, email 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 Date of appointment in the mine-22/4/2022
24	Name of the Geologist, Qualification and total experience with address, phone, email, fax number 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 of Modified Mine Plan - 25/03/2022  Period - 2022-23 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	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	9 Bore hole	14 bore hole	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	-	Unique Geotech and dealer Rajgad  Expenditure = 0.93,665 lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	Entire lease area explored under G1
1e	Balance reserves as on 01.04.2023	0.767 Million tones	0.767 Million tones	
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire area already explored in G-1.		

**Development**

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2478991 to N2479063 E507658 to E507766	N2478991 to N2479063  E507668 to E507763	Working as per approved plan
2b	Separate benches in topsoil overburden and mineral (Rule 15)	There is no top soil and Over burden bench in lease area only limestone Bench for working	Only limestone Bench for working.	There is no top soil and Over burden in lease area
2c	Stripping ratio or ore to OB ratio	1:0.08	Nil	There is no top soil and Over burden in lease area
2d	Quantity of topsoil generation in m <sup>3</sup>	0.00	0.00	There is no top soil in proposed working area
2e	Quantity of overburden generation in m <sup>3</sup>	3312 Cum	0.00	There is no top soil and Over burden encountered in the lease area. The same is rectified in the latest Review of Mining Plan
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	There is no top soil and Over burden encountered in the lease area. The same is updated in the latest Review of Mining Plan.		

**Exploitation**

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Pit 1	Pit 1	
3b	Quantity of ROM mineral production proposed (2022-23)	74523 tones	74520 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	NA	NA	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	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	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	
3k	Provision of mining	Yes	Yes	

	machineries in mineral benches			
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	0.391 ha	0.391 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.08	Nil	No OB encountered.
3o	Total area put in use under different heads at the end of year	Area under Mining - 0.7909 ha Road-0.0165 ha Infrastructure-0.05 Mineral storage- 0.05 ha Overburden/waste dumping- 0.15 ha Other 0.0065 ha Total 1.0639	0.7909 ha 0.0500 ha 0.000 ha 0.00 ha 0.00 ha 0.1275 Total 0.9684 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19 2019-20 2020-21 2021-22 2022-23	NA NA 6804 7614 74523	NA NA 0 7600 74500
3q	General remarks of inspecting officer on method of mining etc	Production was being carried out as per proposal.		

**Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	There is no top soil and Over burden in lease area	There is no top soil and Over burden in lease area
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	There is no top soil and Over burden in lease area
4c	Number of Dumps within lease area and outside lease area	1(Within lease area)	Nil	There is no top soil and Over burden in lease area
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	N2478917TO N2478901  E507683 TO E507721	Nil	There is no top soil and Over burden in lease area
4e	Number of Active & Alive dumps	Nil	Nil	
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	Garland drain=150 m	Garland drain=193m	There is no any dumps in lease area
4i	Length of Retaining wall or garland drain all along dump	Garland drain=150 m	Garland drain=193m	Garland drain prepared along the lease boundary
4j	Number of settling ponds	Nil	1 nos	
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 back filling	Nil	Nil	
5b	Area under back filling of mined out area	0.0435 ha	0.0435 ha	Back filling being carried out at 7.50m barrier
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	Back filling being carried out at 7.50m barrier		

**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)	0.0747	0.100	
	iii) No.of saplings planted during the year	176	200	
	iv) Cumulative no. of plants	176	255	
	v) Any other specific method of rehabilitation	Nil	Nil	
	vi) Cost incurred on watch & care during the year	-	Rs. 78779/-	
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	i)0.0435 ha ii)0.0435 ha iii) nil iv)Nil v) fencing 200m	i)0.0435 ha ii)0.0435 ha iii) nil iv)Nil v) fencing 225m	

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	i)176 nos ii)0.0747 ha iii) plantation	i)200 nos ii)0.100 ha iii) 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 mineral dispatch	ROM mineral 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	Nil	
7d	Any beneficiation process at mines	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

### Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Nil	Nil	There is no top soil within lease area
8b	Concurrent use or storage of topsoil	Nil	Nil	There is no top soil within lease area
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Nil	There is no Overburden within 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 within lease area
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%	
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 0.791 0.791 (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 0.050 0.050 (vi) Used for any other purpose (specify) Plantation 0.000 0.128 0.128 (vii) Work done under progressive mine closure plan during the year 0.000 0.100 0.100	
9d	Scrutiny of Annual return on afforestation	Given	Trees planted- survival rate Description Within lease area Outside lease area i) Number of trees planted during the year 200 1099 ii) Survival rate in percentage 90 95 iii) Total no. of trees at the end of the year 255 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 : 74520 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. 257.74	
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	
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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