

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Rohisa Limestone Mine
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	Review of Mining Plan
1(d)	Date of Inspection	19/10/2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area - 891.7185 Ha. Forest land - Nil Non Forest land – 891.7185 Ha.
3	Mine-code	38GUJ439001
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/398/2011
5	Name of the lessee, Address, phone, email and fax number	Heidelberg Cement India Limited , 2nd Floor, Plot No. 68 Sector-44 Gurgaon-122002, vimal.jain@heidelbergcement. in
6	Village	Rohisa
7	Taluka/Mandal	Jafrabad
8	District	AMRELI
9	Pin code	-
10	State	Gujarat
11	Post office	Rohisa
12	Nearest police station	Jafrabad
13	Nearest Railway station	Rajula City
14	Date of Grant of Mining Lease	09/09/2020
15	Date of Execution	09/09/2020
16	Date of opening of Mine	Mines is not opened till date
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	Mr Vimal Kumar Jain HeidelbergCement India Limited 2nd Floor Plot No 68 Sector 44, Gurugram, Haryana 122002 Mobile: 7805085988, vimal.jain@heidelbergcement.in
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Balbir Singh Mobile: 9920090160 -
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA (Mines is not opened yet)
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA (Mines is not opened yet)
24	Whether Geologist and Mining Engineer appointed in mines	NA (Mines is not opened yet)

	satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Modification of Mining Plan 21/09/2023 Period: 2023-24 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 proved for mining	Limestone and Marl
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	NA (Mines is not opened yet)
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	41 boreholes 1025 m	Nil	Exploration was not carried out due to EC has not been granted.
1b	Exploration over lease area for Geological axis 1 or 2.	G2: 463.57 Ha G3: 146.64 Ha	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	610.21 Ha	Nil	
1e	Balance reserves as on 31.03.2024 (in Metric Tonne)	UNFC Code	Reserves/ Resources (tonne)	
		121	48,467,520	
		122	52,212,600	
		221	48,885,703	
		222	65,787,120	
		333	15,102,043	
		Total	230,454,986	
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration was not carried out during the year 2023-24, due to EC has not been granted.		

2.0 Development

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	In pit-1, Bench No.2, Towards East-direction N 734797 to N735317 E 2305353 to E 2305645	Nil	Mining operation has not been started due to EC has not been granted to the lessee.
2b	Separate benches in topsoil,	Top soil bench: 01	Nil	

	overburden and mineral (Rule 15)	bench; Bench in mineral: 02 bench; Overburden Bench: Nil		
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m ³	98538 m ³	Nil	
2e	Quantity of overburden generation in m ³	No Proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The lease is not operational due to the pending Environmental Clearance (EC), which is currently under process.		

3.0 Exploitation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	One Pit, Pit No.1	Nil	Mining operation has not been started due to EC has not been granted to the lessee.
3b	Quantity of ROM mineral production proposed	3,000,002.40 tonne	Nil	
3c	Recovery of saleable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	No Proposal	Nil	
3k	Provision of mining machineries in mineral benches	Surface miner, excavator, dumper and water tanker	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height: 6m	Nil	
3m	Total area covered under excavation/pits	37.91 Ha.	Nil	
3n	Ore to OB ratio for the pit/mine during the year	1:0	Nil	
3o	Total area put in use under different heads at the end of year	Under mining: 37.91 Ha Infrastructure: 2 Ha. Road: 2 Ha.	Nil	

		Area put to use: 41.91 Ha.		
3p	Production of ROM mineral during last five-year period, as applicable	2023-24: 3,000,002. 40 T	Nil	
3q	General remarks of inspecting officer on method of mining etc.	Mining operation has not been started due to EC has not been granted to the lessee.		

4.0 Solid Waste Management-Dumping

S N	Item	Proposals (2023-24)	Actual work(2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal	Nil	-
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Nil	-
4c	Number of dumps within lease area and outside lease area	No Proposal	Nil	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Nil	-
4e	Number of active & alive dumps	No Proposal	Nil	-
4f	Number of dead dumps	No Proposal	Nil	-
4g	Number of dumps stabilised	No Proposal	Nil	-
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Nil	-
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Nil	-
4j	Number of settling ponds	No Proposal	Nil	-
4k	Specific comments of inspecting officer	There is no proposal of waste/ OB generation during mining. Mining operation has not been started due to EC has not been granted to the lessee.		

5.0 Solid Waste Management-Backfilling

S N	Item	Proposals (2023-24)	Actual work(2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Nil	-
5b	Area under backfilling of mined out area	No Proposal	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Nil	-
5d	Total area fully reclaimed & rehabilitated	No Proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal of backfilling. Mining operation has not been started due to EC has not been granted to the lessee.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work(2023-24)	Remarks
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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.		-	Mining operations have not been started. Therefore, notice of mine opening has not been given.
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No proposal	Nil	
6c	Afforestation done (ha)	1.6 Ha	Nil	
6d	No. of saplings planted during the year	3000	Nil	
6e	Cumulative no. of plants	3000	Nil	
6f	Any other specific method of rehabilitation	No Proposal	Nil	
6g	Cost incurred on watch & care during the year	150000	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	Nil	
6i	ii) Void filled by waste/tailings	No Proposal	Nil	-
6j	iii) Afforestation on the backfilled area	No Proposal	Nil	
6k	iv) Rehabilitation by making water reservoir	No Proposal	Nil	
6l	v) Any other specific means	No Proposal	Nil	
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	Nil	
6n	ii) Area rehabilitated (ha)	No Proposal	Nil	
6o	iii) Method of rehabilitation	No Proposal	Nil	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring	Nil	
6q	General remarks of inspecting officer on PMCP compliance & progressive	Mining operations have not been started. Therefore, notice of mine opening has not been given to IBM.		

7.0 Mineral Conservation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	3000002.40	Nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	NA	-
7c	Different grade of mineral sorted out at mines	No Proposal	NA	-
7d	Any beneficiation process at mines	No Proposal	NA	-

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mining operations have not been started yet.
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8.0 Environment

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil utilisation 98538 m ³ One Bench in topsoil	Nil	-
8b	Concurrent use or storage of topsoil	No Proposal	Nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plants: 18155 No.	Nil	-
8g	Survival rate	80%	Nil	-
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mining operations have not been started yet		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Monthly Return and Annual Return has not been submitted because the mining operation has not been commenced yet.	-
S. N.	Item	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the year 2023-24 has not been submitted due to mining operation has not been started.	-
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		-

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -

No significant violation has been observed.

Sunil Kumar Sharma
(Senior Assistant Controller of Mines)