

**MCDR INSPECTION REPORT (2023-24)****File no: MCDR-MiFL0LST/5/2023-BNG-IBM\_RO\_BNG.**

S. N.	Particulars	Details
1	Name of the Mine	Kodla Limestone Mine (ML No. 2673/2674)
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 517.61 Ha Non-Forest- 517.61 ha Forest- 0.00 ha
3	Mine Code	38KAR10023
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/960/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Shree Cement Ltd., Address- P.B. No. 33, Bangur Nagar, Beawar Email- <a href="mailto:shreebwr@shreecement.com">shreebwr@shreecement.com</a> Phone- 01462- 228101-06 Fax 01462-228117
6	Village	Kodla & Benkanhalli
7	Taluk/Mandal	Sedam
8	District	Kalaburagi
9	Pin Code	585222
10	State	Karnataka
11	Post office	Kodla
12	Nearest police station	Sedam
13	Nearest Railway station	Sedam
14	Date of Grant of Mining Lease	07.06.2014
15	Date of Execution	07.06.2014
16	Date of expiry	06.06.2044.(Supplementary deed for extended period pending).
17	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	<b>Shri Neeraj Akhoury</b> Nominated Owner & Managing Director Shree Cement Ltd., 9 <sup>th</sup> Floor, Epitome Tower-B Building No.5, DLF, Cyber City Gurgaon, Haryana – 122002. Email- <a href="mailto:shreebwr@shreecement.com">shreebwr@shreecement.com</a> Phone- 01462- 243413 Fax 01462-228117 Date of appointment- 08-02-2023
18	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Mahendra Kumar Garg Mine Agent Shree Cement Ltd., P.B. No. 33, Bangur Nagar, P.O. Beawar – 305901, Dist : Ajmer, Rajasthan. Email- <a href="mailto:gargmk@shreecement.com">gargmk@shreecement.com</a> Phone- 01462- 243413 Fax 01462-228117 Date of appointment- 21-04-2018
19	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sh. Dilip Singh Panwar Shree Cement Ltd., Village : Kodla & Benkanhalli, Post-Kodla Taluk : Sedam, Dist : Kalaburagi

		Karnataka – 585222 Email- <a href="mailto:dilip.panwar@shreecement.com">dilip.panwar@shreecement.com</a> Phone- 9784696555 Date of appointment: 18-04-2022
20	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Mruthunjay Kumar SB B.E. (Mining) Email- <a href="mailto:mruthunjay.kumar@shreecement.com">mruthunjay.kumar@shreecement.com</a> Phone- 9035184459 Date of appointment- 04-05-2024
21	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Geologist- Sh. Yogesh Dadhich Qualification: MSC. Geology Date of Appointment: 18.04.2022
22	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review and updation of mining plan was approved by IBM vide letter no. 279/1043/2009/BNG dated 25/11/2021 for the period 2022-23 to 2026-27
23	Mineral(s) granted in lease and proved for mining	Limestone
24	Method of Mining (Opencast, Underground)	Opencast
25	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
26	Captive/ Non captive	Captive
27	Date of last inspection	01.12.2023
27	Date of inspection	13.07.2024
28	Name of accompanying mine officials with designation	Shri. Dilip Singh Panwar, Mines Manager, Shri Yogesh Dadhich, Geologist and other mine officials

### Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	No exploratory proposals	Nil	The whole potential mineralized area (517.61 ha) has already been explored at G1 level. The Geological report submitted by Lessee vide letter dated 25.04.2023
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1-517.61 ha	G-1-517.61 ha.	Geological Report submitted by the Lessee vide letter dated 25/04/2023 in accordance with Rule 12(4B) of MCDR 2017

1e	<b>Balance reserves as on 01.04.2024</b>	234,082,920 tonnes of limestone as on 1.04.2023 (As per the approved document dated 25/11/2021 with avg grade 43.9 % CaO & 1.66 % MgO.	230,518,665 tonnes of limestone after depletion of production as on 1.04.2024	As reported in AR 2023-24.
1f	General remarks of inspecting officer on geology, exploration etc.	i) Reserve/Resource reported correctly in AR 2023-24 after depletion as per the last approved RMP document dtd 25/11/2021. ii) The Geological Report submitted by the Lessee vide letter dated_25/04/2023 in accordance with Rule 12(4B) of MCDR 2017.		

### Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit-1, Bench no 1,2,3 & 4(489 to 453 mRL)	i)The approved development & production proposals for the year 2023-24 are only at Pit-1. However, it is observed during the inspection and during analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that additional development and production of tentative area 2.8 ha have been carried out at North part of the Pit-1 (Horizontal extent approx. bounded co-ordinates-N1884720 to 1884922, E-736109 to 736286, Vertical Extent from 490 mRL to 467 mRL) which is not as per the approved proposals. ii) The horizontal development of Pit-1 at western portion (100 metres approx.) & south eastern portion (60 m approx.) is lagging and have not been carried out as per the proposed horizontal extent for the year 2023-24.	Violation issued under Rule 11(1) of MCDR 2017.
2b	Separate benches in	Separate	Separate Bench	Nil

	topsoil, overburden and mineral (Rule 15)	Bench proposed for overburden and Mineral.	maintained for and Overburden and Mineral.	
2c	Stripping ratio or ore to OB ratio	1:0.035 (in tons) proposed	1 :0.052(in tons) achieved.	Ore: 3,564,255 Tons Waste: 186500 Tons (As reported in AR 2023-24).
2d	Quantity of topsoil generation in m3	34,325 Cum proposed	35,920 Cum generated.	As reported by the Lessee during inspection.
2e	Quantity of overburden generation in m3	1,02,975 Cum~1,85,355 tons proposed.	1,03,611 Cum~1,86,500 tons	As reported in AR 2023-24.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	<p>i) The approved development &amp; production proposals for the year 2023-24 are only at Pit-1. However, it is observed during the inspection and during analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that additional development and production of tentative area 2.8 ha have been carried out at North part of the Pit-1 (Horizontal extent approx. bounded co-ordinates-N1884720 to 1884922, E-736109 to 736286, Vertical Extent from 490 mRL to 467 mRL) which is not as per the approved proposals. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) The horizontal development of Pit-1 at western portion (100 metres approx.) &amp; south eastern portion (60 m approx.) is lagging and have not been carried out as per the proposed horizontal extent for the year 2023-24. Violation issued under Rule 11(1) of MCDR 2017.</p>		

### Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One pit proposed for production (Pit-1)	The approved development & production proposals for the year 2023-24 are only at Pit-1. However, it is observed during the inspection and during analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that additional development and	Violation issued under Rule 11(1) of MCDR 2017.

			production of tentative area 2.8 ha have been carried out at North part of the Pit-1 (Horizontal extent approx. bounded co-ordinates-N-1884720 to 1884922, E-736109 to 736286, Vertical Extent from 490 mRL to 467 mRL) which is not as per the approved proposals.	
3b	Quantity of ROM mineral production proposed	52,50,000 tons of limestone proposed	35,64,255 tons of limestone production achieved.	EC obtained for 12.5 MTPA on 25/04/2023. However, CTE of Plant received on 02.02.2024 and plant erection commenced on 17.02.2024. Mine being a captive mine accordingly less production. (As reported by the Lessee during inspection)
3c	Recovery of salable/usable mineral from ROM production	100 % Proposed	100 % achieved	Complete ROM is used/usable for Captive Consumption.
3d	Quantity of mineral reject generation	Not Proposed	Not Applicable	Complete ROM is used/usable for Captive Consumption. No Reject material generated.
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Nil
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	Nil
3g	Grade of sub-grade mineral generation	No Proposal	Nil	Nil
3h	Manual / Mechanized method adopted for segregating from ROM	Dry Crushing proposed with 2 Primary crushers of 1200 TPH, Size: 1250 mm &	Dry Crushing carried out with One Primary crusher Capacity-1200TPH-1.	Nil

		Product Size: -90 mm		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation proposal	Nil	Nil
3j	Provision of drilling & blasting in mineral benches	Deep Hole drilling & Blasting Proposed.	Deep hole drilling and blasting carried out with 150 mm drill -2 nos. and slurry explosives in conjunction with detonators.	Nil
3k	Provision of mining machineries in mineral benches	Mining machineries proposed.	Excavator-05 Nos (2 & 6 Cum) Dumpers: 12 Nos. (55 Tons) Drill M/c - 02 no (150 mm dia.) Dozer: 02 no. (320 HP) Water Tanker: 01 no. (18 KL). Crusher-1 no. (1200 TPH)	Nil.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of Bench proposed in Limestone – 12 meters and in OB- 1 meter.	Height of the bench maintained within the proposed limit.	Nil.
3m	Total area covered under excavation/pits	47.1 ha as on 31.03.2024 as per the approved document.	37.9 ha as reported in AR 2023-24. Part-I of AR 2023-24-There are discrepancies in the land use area as reported in Part-I (12) under 12(ii)-Covered under current(O-C) workings, 12(iv)-Used for waste disposal and 12(vi)-Used for any other purpose/Limestone	Violation issue under Rule 45(7) of MCDR 2017.

			Mineral Stock and are not matching with the submitted drone data, & surface KMZ plan along with Annual Return for the year 2023-24, actual field conditions & approved land use pattern of the mine plan document dated 25/11/2021.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.035 (in tons) proposed	1 :0.052(in tons) achieved.	Ore: 3,564,255 Tons  Waste: 186500 Tons (As reported in AR 2023-24).
3o	Total area put in use under different heads at the end of year	i)Area under Mining: 47.1 ha ii)Overburden/Waste Dumping: 6.2 ha iii)Infrastructure and Roads: 5.2 ha iv)Mineral storage-8 ha (proposed as on 31.03.2024) as per the approved document.	i)Area under Mining: 37.9 ha ii)Overburden/Waste Dumping: 5.74 ha iii)Infrastructure and Roads: 5.2 ha iv)Mineral storage-9.03 ha (As reported by Lessee in AR 2023-24)	Part-I of AR 2023-24- There are discrepancies in the land use area as reported in Part-I (12) under 12(ii)-Covered under current(O-C) workings, 12(iv)-Used for waste disposal and 12(vi)-Used for any other purpose/Limestone Mineral Stock and are not matching with the submitted drone data, & surface KMZ plan along with Annual Return for the year 2023-24, actual field conditions & approved land use pattern of the mine plan document dated 25/11/2021. Violation issued under Rule 45(7) of MCDR 2017.
3p	Production of ROM mineral during last five-year period, as applicable	<b>2019-20:</b> 1,900,000 <b>2020-21:</b> 3,740,000 <b>2021-22:</b>	<b>2019-20:</b> 1,611,294 <b>2020-21:</b> 2,832,011 <b>2021-22:</b> 3,080,508 <b>2022-23:</b> 2,867,080 <b>2023-24:</b> 3,564,255	EC obtained for 12.5 MTPA on 25/04/2023. However, CTE of Plant received on 02.02.2024 and

		12,500,000 <b>2022-23:</b> 3,800,000 <b>2023-24:</b> 5,250,000 (In tonnes)	(In tonnes)	plant erection commenced on 17.02.2024. Mine being a captive mine accordingly less production. (As reported by the Lessee during inspection)
3q	General remarks of inspecting officer on method of mining etc.	<p>i) The approved development &amp; production proposals for the year 2023-24 are only at Pit-1. However, it is observed during the inspection and during analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that additional development and production of tentative area 2.8 ha have been carried out at North part of the Pit-1 (Horizontal extent approx. bounded co-ordinates-N1884720 to 1884922, E-736109 to 736286, Vertical Extent from 490 mRL to 467 mRL) which is not as per the approved proposals. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) The horizontal development of Pit-1 at western portion (100 metres approx.) &amp; south eastern portion (60 m approx.) is lagging and have not been carried out as per the proposed horizontal extent for the year 2023-24. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>iii) i)Part-I of AR 2023-24- There are discrepancies in the land use area as reported in Part-I (12) under 12(ii)- Covered under current(O-C) workings, 12(iv)-Used for waste disposal and 12(vi)- Used for any other purpose/Limestone Mineral Stock and are not matching with the submitted drone data, &amp; surface KMZ plan along with Annual Return for the year 2023-24, actual field conditions &amp; approved land use pattern of the mine plan document dated 25/11/2021. Violation issued under Rule 45(7) of MCDR 2017.</p>		

### Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate dumping of Topsoil & OB proposed (OB-1,2 & 3 and Top soil stack)	Separate dumping of Topsoil & OB maintained.	No mineral Reject generation.
4b	Location of topsoil, OB & mineral reject dumps	OB Dump-1- N-1885010-1885156, E-736354-736574 OB Dump-2- N-1884911-1885064 E-735801-736104 OB Dump-3- N-1885042-1885181 E-737027-737215	The waste dump, OB Dump-1 is proposed with max vertical limit of 498 mRL, whereas it has reached beyond till 505 mRL. Also, OB Dump-2 is proposed with max vertical limit of 497 mRL whereas it has reached beyond till 500 mRL. It is also observed during	Violation issued under Rule 11(1) of MCDR 2017.



			inspection that rehandling of waste dump OB-2 is in progress which is not as per the approved proposals	
4c	Number of dumps within lease area and outside lease area	With In Lease Area: 01 No of Top Soil dump & 3 Nos. of OB dumps proposed.	With In Lease Area: 01 No of Top Soil dump and 3 Nos. of OB dumps.	Top soil stock-1, OB Dump no-1, OB Dump no-2 & OB Dump no-3.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	All dumps within UPL	All dumps within UPL	Entire area is mineralized.
4e	Number of active & alive dumps	Proposed: Top Soil dump: 01 No OB dump: 03 Nos.	Top Soil dump: 01 No OB dump: 03 Nos. is in active & alive stage.	Top soil stock-1, OB Dump no-1, OB Dump no-2 & OB Dump no-3
4f	Number of dead dumps	No proposal	Nil	Nil
4g	Number of dumps stabilized	No proposal	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Maintenance of previously constructed Retaining wall & garland drain proposed	The Retaining wall & garland drain at Northern portion of waste dump OB Dump-1 between boundary pillar BP-7 & BP-8(N-1885123, E-736336 to N-1885142 to E-736411) is overlapping with the mine lease boundary and safety zone. Also, the Retaining wall & garland drain at Northern portion of waste dump OB Dump-2 is overlapping at Boundary pillar BP-10(N-1885061, E-735976) with the mine lease boundary and safety zone.	Violation issued under Rule 11(1) of MCDR 2017.
4i	Length of Retaining wall or garland drain all	Maintenance of previously constructed Retaining	The Retaining wall & garland drain at Northern portion	Violation issued under Rule 11(1) of MCDR 2017.

	along dump	wall & garland drain proposed	of waste dump OB Dump-1 between boundary pillar BP-7 & BP-8(N-1885123, E-736336 to N-1885142 to E-736411) is overlapping with the mine lease boundary and safety zone. Also, the Retaining wall & garland drain at Northern portion of waste dump OB Dump-2 is overlapping at Boundary pillar BP-10(N-1885061, E-735976) with the mine lease boundary and safety zone.	
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management.	<p>i) The waste dump, OB Dump-1 is proposed with max vertical limit of 498 mRL, whereas it has reached beyond till 505 mRL. Also, OB Dump-2 is proposed with max vertical limit of 497 mRL whereas it has reached beyond till 500 mRL. It is also observed during inspection that rehandling of waste dump OB-2 is in progress which is not as per the approved proposals. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) The Retaining wall &amp; garland drain at Northern portion of waste dump OB Dump-1 between boundary pillar BP-7 &amp; BP-8(N-1885123, E-736336 to N-1885142 to E-736411) is overlapping with the mine lease boundary and safety zone. Also, the Retaining wall &amp; garland drain at Northern portion of waste dump OB Dump-2 is overlapping at Boundary pillar BP-10(N-1885061, E-735976) with the mine lease boundary and safety zone. Violation issued under Rule 11(1) of MCDR 2017.</p>		

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

5e	General remarks of inspecting officer on backfilling, reclamation etc	No backfilling proposals as mineral not exhausted.
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### Progressive Mine Closure 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.	To be submitted before 1 <sup>st</sup> of July every year.	Annual PMCP report submitted by the Lessee along with AR 2023-24 on 27/06/2024	Nil
6b	Area available for rehabilitation (ha)	1.87 ha proposed for afforestation in green belt N-1882700-1883900, E-737500-738500	For the year 2023-24 a total plantation of 2244 nos. of plants at 1.87 ha is proposed at safety zone at the Western & Eastern portion of mine lease boundary. However, only 1.74 ha with 1860 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 that the plantation at safety zone from pillar BP-53 to BP-65 has not been carried out as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
6c	Afforestation done (ha)	1.87 ha proposed for afforestation in green belt N-1882700-1883900, E-737500-738500	For the year 2023-24 a total plantation of 2244 nos. of plants at 1.87 ha is proposed at safety zone at	Violation issued under Rule 11(1) of MCDR 2017.

			<p>the Western &amp; Eastern portion of mine lease boundary. However, only 1.74 ha with 1860 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 that the plantation at safety zone from pillar BP-53 to BP-65 has not been carried out as per the proposal.</p>	
6d	No. of saplings planted during the year	2244 nos. of sapling plantation proposed.	<p>For the year 2023-24 a total plantation of 2244 nos. of plants at 1.87 ha is proposed at safety zone at the Western &amp; Eastern portion of mine lease boundary. However, only 1.74 ha with 1860 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 that the</p>	Violation issued under Rule 11(1) of MCDR 2017.

			plantation at safety zone from pillar BP-53 to BP-65 has not been carried out as per the proposal.	
6e	Cumulative no. of plants	24,261 nos. of plants as on 01.4.2023	26,121 nos. plants as on 01.04.2024	As reported in respective year AR by the Lessee.
6f	Any other specific method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch & care during the year	Rs. 2,24,400 proposed for afforestation	For the year 2023-24 a total plantation of 2244 nos. of plants at 1.87 ha is proposed at safety zone at the Western & Eastern portion of mine lease boundary. However, only 1.74 ha with 1860 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 that the plantation at safety zone from pillar BP-53 to BP-65 has not been carried out as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	No proposal	Nil	Nil

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	No proposal	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No proposal	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No proposal	Nil	Nil
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No proposal	Nil	Nil
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	No proposal	Nil	Nil
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	Nil	Nil
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Environment Monitoring proposed in both Core and Buffer zone	The Environment Monitoring in Core and Buffer zone for air, water, and noise carried out. March-24 monitoring report checked during inspection. Parameters	Nil.

			within limit.	
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	For the year 2023-24 a total plantation of 2244 nos. of plants at 1.87 ha is proposed at safety zone at the Western & Eastern portion of mine lease boundary. However, only 1.74 ha with 1860 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 that the plantation at safety zone from pillar BP-53 to BP-65 has not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.		

### Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Dry crushing and screening of ROM proposed.	Dry crushing and screening of ROM carried out.	Crusher capacity-1200 TPH-1 no. The sized ore dispatched to the captive cement plant located outside lease area.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Insitu ROM grade range proposed 42 to 45 % CaO	Cement Grade limestone Production-3,564,255 tons & Dispatch-3,564,255 Tons.	As reported by Lessee in AR 2023-24. All limestone produced used for captive consumption in cement plant.
7c	Different grade of mineral sorted out at mines	Insitu ROM grade range proposed 42 to 45 % CaO	Cement Grade limestone Production-3,564,255 tons & Dispatch-3,564,255 Tons.	As reported by Lessee in AR 2023-24. All limestone produced used for captive consumption in cement plant.
7d	Any beneficiation process at mines	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	i)There is only dry crushing carried out inside the mine. The mineral conservation activities carried out inside mine as per proposal. ii)The limestone produced is used for captive consumption in the cement plant.		

### Environment

S. N.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal and utilization of topsoil proposed. Total 34,325 Cum topsoil generation proposed with 20,595 Cum. storage.	35,920 Cum of topsoil generated & stored at Top soil stock.	As reported by the Lessee during inspection. Topsoil also utilized for plantation for existing old stock.
8b	Concurrent use or storage of topsoil	Separate removal and utilization of topsoil proposed. Total 34,325 Cum topsoil generation proposed with 20,595 Cum. storage.	35,920 Cum of topsoil generated & stored at Top soil stock.	As reported by the Lessee during inspection. Topsoil also utilized for plantation for existing old stock.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps proposed for top soil: 01 No & overburden: 03 No. No dumps proposed for OB dumping.	Top soil dumping carried out at Top soil stock no 1 and OB dumping carried out OB dump no 1, 2 &3.	The waste dump, OB Dump-1 is proposed with max vertical limit of 498 mRL, whereas it has reached beyond till 505 mRL. Also, OB Dump-2 is proposed with max vertical limit of 497 mRL whereas it has reached beyond till 500 mRL. It is also observed during inspection that rehandling of waste dump OB-2 is in progress which is not as per the approved proposals. Violation issued under Rule 11(1) of MCDR 2017.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land	No proposal	Nil	Nil



	to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	24,261 nos. of cumulative plants as on 01.4.2023	26,121 nos. of cumulative plants as on 01.04.2024	As reported in respective year AR by the Lessee.
8g	Survival rate	85 % proposed	86 % achieved	As reported by the Lessee in AR 2023-24.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed to control airborne dust.	Water sprinkling is carried out through 18 KL-1 water sprinkler to control airborne dust.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The waste dump, OB Dump-1 is proposed with max vertical limit of 498 mRL, whereas it has reached beyond till 505 mRL. Also, OB Dump-2 is proposed with max vertical limit of 497 mRL whereas it has reached beyond till 500 mRL. It is also observed during inspection that rehandling of waste dump OB-2 is in progress which is not as per the approved proposals. Violation issued under Rule 11(1) of MCDR 2017.		
<b>Compliance of Rule 45</b>				
<b>S. N.</b>	<b>Item</b>	<b>COMMENTS</b>		<b>Remarks</b>
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to June -2024 on 09.07.2024. A.R. Submitted up to FY 2023-24 on 27.06.2024.		Submitted within timeline
<b>S. N.</b>	<b>Item</b>	<b>Details GIVEN in A.R.</b>	<b>Observation of I/Officer</b>	<b>Remarks</b>
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine manager – Mr. Dilip Singh Panwar, Mine Engineer – Mr. Mruthunjay Kumar SB and Mine Geologist – Mr. Yogesh Dadhich.	Appears to be correct	Nil
9c	Scrutiny of Annual return on land use pattern	i)Area under Mining: 37.9 ha ii)Overburden/	Part-I of AR 2023-24- There are discrepancies	Violation issued under Rule 45(7) of MCDR 2017.

	for area under pits, reclaimed area, dumps etc.	Waste Dumping: 5.74 ha iii)Infrastructure and Roads: 5.2 ha iv)Mineral storage- 9.03 ha	in the land use area as reported in Part-I (12) under 12(ii)- Covered under current(O-C) workings, 12(iv)- Used for waste disposal and 12(vi)- Used for any other purpose/Limestone Mineral Stock and are not matching with the submitted drone data, & surface KMZ plan along with Annual Return for the year 2023-24, actual field conditions & approved land use pattern of the mine plan document dated 25/11/2021.	
9d	Scrutiny of Annual return on afforestation	1860 saplings planted during 2023-24 within ML area with 86 % survival rate	Appears to be correct.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Appears to be correct.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	<b>ROM:</b> O/s -0 ton, Production - 3,564,255 tons, C/s – 0 ton <b>Graded Ore</b> O/s- 1,021,331 tons Production- 3,564,255 tons Despatch- 3,564,255 tons C/s- 1,021,331 tons. (Cement grade Limestone)	Appears to be correct.	Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production- Rs 188.25 per tonne. Ex mine price- Rs. 188.25 per tonne	Appears to be correct. However, it is observed that in Part-VII of AR 2023-24, the production proposal for the year 2023-24 as per the approved mine plan document is not furnished/ updated and is mentioned as '0'.	The mine is captive. Violation issued under Rule 45(7).
9i	Scrutiny of Annual return on fixed assets	Rs. 5,67,25,135 including land, industrial, Plant and Machinery	Appears to be correct.	Nil
9k	Scrutiny of Annual return on mining machineries	Excavator-05 Nos (2 & 6 Cum)  Dumpers: 12 Nos. (55 Tons)  Drill M/c - 02 no (150 mm dia.)  Dozer: 02 no. (320 HP)  Water Tanker: 01 no. (18 KL).  Crusher-1 no. (1200 TPH)	Appears to be correct.	Nil

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
11(1)	23/07/2024	21/01/2025	45(7)	19/07/2024	29/08/2024

संदीप कुमार सिंह. /Sandeep Kumar Singh)  
वरिष्ठ सहायक खान नियंत्रक/ Senior Assistant Controller of Mines