

INSPECTION DATASHEET For The Year 2024-25**General**

S.N.	Particulars	Details
1	Name of the Mine	Bhatiya limestone Mine
	Date of Inspection:	26/06/2024
	Name of Inspecting Officer	Shri Raghubir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.29 Hect.
3	Mine code	38MPR35018
4	IBM Registration Number under rule 45 of MCDR,1988	Reg. No. IBM/5097/2011
5	Last Inspection Details	Insp. officer – Shri Madhavrao Sabre. SMG Date of Insp. – 28/10/2023 V. Letter dated 07/03/2024 for rule – 11(1) Reply- Not received SCN issued on 16/05/2024 for rule 11(1) Reply dated 12/06/2024 Compliance considered on 02/07/2024
6	Mine official present during the inspection	Shri Vijay Singh Rathore, Agent, Rajkumar, Mining Engineer of the Mine and Shri Satpal Singh, Geologist of the mine.
7	Name of the Lease, Address, Phone, email and faxnumber	Lessee :- Shri Niraj Kumar Verma , Nominated Owner Address : M/s KJS Cement Ltd. NH7, Amilia Post Maihar, District Satna (MP)485771 Email mines@kjscement.com
8	Village	Bhatiya
9	Taluka/Mandal	Maihar
10	District	Maihar
11	Pin code	485771
12	State	Madhya Pradesh
13	Post Office	Bhatia Via Maihar
14	Nearest Police Station	Maihar Dehat
15	Nearest Railway Station	Maihar
16	Date of Grant of Mining Lease	28/06/1983
17	Date of Execution	28/06/1983(lease period upto 27/06/2003-20 years lease period.)
18	Date of opening of Mine	November,1983
19	Date of First Renewal, if applicable and its period & expiry	12/08/2004 period 20 years from 28/06/2003 to 27/06/2023
20	Date of Second Renewal, if applicable and its period & expiry	18/06/2020 period 10 years from 27/06/2023 to 27/06/2033
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
22	Name of the Nominated Owner with Address, phone,email, fax number and date of appointment	Nominated Owner : Shri Neeraj Kumar Verma Address: NH-7 Rewa Road, Rajnagar, Maihar-485771 Phone: 07672-239900 Email: mines@kjscement.com Fax: 07672-239911 Date of Appointment: 07.12.2013

1/35265/2024	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Agent- Shri Vijay Singh Rathore Address : M/s KJS Cement Ltd. NH7, Amilia Post Maihar, District Satna (MP)485771 Email mines@kjscement.com Ph No. Phone: 07672-239900 Fax: No. 07672-239911 Date of Appt. 01/11/2023
23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	M. Manager Shri Raj Kumar, Address: NH-7 Rewa Road, Rajnagar, Maihar-48577 Phone: 07672-239900 Email: rajtata2006@rediffmail.com Fax: 07672-239911 Date of Appointment: 10.11.2022
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr. Raj Kumar appointed as Mining Engineer Address: NH-7 Rewa Road, Rajnagar, Maihar-485771 Phone: 07672-239900 Email: rajkumar@kjscement.com Fax: 07672-239911 Date of Appointment: 10/11/2021
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Shri Satpal Singh Raghuwanshi appointed as Geologist Date of Appointment: 10.11.2021 Mr. Raj Kumar appointed as Mining Engineer
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	27/04/2004(MP) Period 2004-05 to 2007-08
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	1. 31/08/2009(SOM) period 2009-10 to 2012-13 2. 21/01/2015(SOM) period 2014-15 to 2017-18 3. 05/08/2019(RMP) period 2019-20 to 2022-23 4. 23/01/2024(RMP) period 2023-24 to 2027-28
29	Mineral(s) granted in lease and approved for Mining	Limestone
30	Method of Mining (Opencast, Underground)	Open cast
	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	None	NA	Already entire mineralized area explored under G1 level before the year under review i.e. 2023-24.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Entire lease area was considered explored under G1 level based on additional exploration carried out in year 2022-23	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	NOT proposed.	NOT applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	NOT proposed.	NOT applicable	
1e	Balance reserves as on 01.04.2024	111-522325 tone	111- 522384 tone	

1/35265/2024	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area had been considered under G1 level after carrying out of additional exploration in year 2022-23. Based Additional exploration had already taken into account in reassessment of reserves have finalized in RMP under review.
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Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N 2686743 – N 2686894 E 488847 – E 489041	N 2686743 – N 2686894 E 488847 – E 489041	Although OB generation had not envisaged in approved RMP but reportedly 385cum soil as a overburden generated during the year which is acceptable.
2b	Separate benches in top soil overburden and mineral (Rule 15)	1. Advancement of Top Soil/ OB bench not proposed 2. 2nd & 3rd benches, both in Limestone each of 4 m	As per approved proposal mineral benches advanced. Where soil capping over mineral were present only same was reportedly removed	
2c	Stripping ratio or ore to OB ratio	1:0.0060	1:0.0060	
2d	Quantity of top soil generation in m ³	280	385	
2e	Quantity of overburden generation in m ³	300	344	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Although, height and width of different benches in top soil and on overburden found maintained as per proposal. Pit orientation observed as per approved proposals. Pit is found developed for achieving the envisaged production.		

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	-
3b	Quantity of ROM mineral production proposed (2023-24)	50200 tones ROM	ROM-50141tone	-
3c	Recovery of Salable/usable mineral from ROM production	50200 tones, 100%	ROM-50141tone, 100%	-
3d	Quantity of mineral reject generation	Nil	Nil	-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral generation	Nil	Nil	-
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	Not required	Entire ROM is salable.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	

1/35265/2024	Provision of drilling & blasting in mineral benches	Drilling & blasting will be done as per parameter spacing: As per proposal (Spacing Burden Depth) 4.0X3.0mX6.6m including sub grad drilling. 110mm dia of holes	As per proposal	
3k	Provision of mining machineries in mineral benches	Rock drill 01 no. Excavator : 01 no. Transportation: Dumpers 02 nos. water tanker 01 no.	Rock drill 01 no. Back hoe: 01 no. Transportation: Dumpers 02 nos. water tanker 01 no.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	As per approved proposal.	-.
3m	Total area covered under excavation /pits	3.11 Hectare	3.11 Hectare	-
3n	Ore to OB ratio for the pit/mine during the year	1:0.0060	Reportedly 1:0.0060	-
3o	Total area put in use under different heads at the end of year	3.42 Hectare	3.42 Hectare	-
3p	Production of ROM mineral during the last five-year period as applicable	2019-20	45986	NIL
		2020-21	41560	NIL
		2021-22	50260	39993.56
		2022-23	43668	43523
		2023-24	50200	50141.02
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination with drilling & blasting.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	Separate dumping of topsoil & OB proposed	Separate dumping of topsoil & OB maintained	
4b	Location of topsoil, OB & mineral reject dumps	Top soil proposed for concurrent use in plantation purpose & OB dump proposed at - Lat. 24°17'41.69'' to 24°17'42.57'' Long 80°53'19.77'' to 80°53'21.10''	As per proposal top soil utilized in plantation and OB dumped as per approved proposal at Lat. 24°17'41.69'' to 24°17'42.57'' Long 80°53'19.77'' to 80°53'21.10''	Top soil untiled in plantation purpose.
4c	Number of Dumps within lease area and	One dump within the lease area & out side	One dump present within the lease area	

1/35265/2024	outside lease area	lease area- Nil	outside lease area- Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Partly within and partly outside of UPL UPL	Dump are located temporarily as per approved proposal.	After reaching at ultimate pit depth accumulated waste dumps will be rehandled & utilised in backfilling of mined out area. of land, it will be shifted
4e	Number of Active & Alive dumps	Active-1 Inactive- Nil	Active-1 Inactive- nil	
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps established	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	There is already garland drain on one side of existing dump.	Already 55.5m garland drain Made in the
4i	Length of Retaining wall or garland drain all along dump	Not proposed	55.5m of garland drain found	past.
4j	Number of settling ponds	nil	01	-
4k	Specific comments of inspecting officer on waste dump management	Only there is a temporary dump partly lies within UPL. After reaching at UPL depth it will be rehandled and utilized in backfilling of mined out area. As per approved during the year under review generated OB is utilized in backfilling of proposed mined out 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	Backfilling of Reclamation /backfilling of old excavation in 7.5m barrier zone.	As per approved proposal	Nil
5b	Area under backfilling of mined out area	Not Specified	Not Applicable	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	Nil
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Area not matured for backfilling and reclamation only reclamation / backfilling of old excavation in 7.5m barrier zone carried out as per approved proposal.		

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		Yearly PMCP report attached with the AR,2023-24.	OK.
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not specified	NA	-.
	ii) Afforestation done (ha)	Not proposed	NA	
	iii) No. of saplings planted during the year	Not proposed	NA	
	iv) Cumulative no. of plants	Not proposed	NA	
	v) Any other specific method of rehabilitation	NA	NA	Nil
	vi) Cost incurred on watch & care during the year	Not proposed.	NA	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	Not proposed Not proposed Not proposed Not proposed Not proposed	NA NA NA NA NA	None
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	50 No 0.05 plantation	50 no. 0.05 Plantation	Green belt area.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Periodic monitoring is being carried out by outsourced consultant.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Dispatch proposed without any sorting/ screening at mine site	As per approved proposal.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not required.	Nil
7c	Different grade of mineral sort out at mine	Cement Grade	Cement grade	-
7d	Any beneficiation process at mines	NA	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no issue related with mineral conservation.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	As per proposal	Nil
8b	Concurrent use or storage of topsoil	Proposed	As per proposal	Nil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	There is no proposal for separate dumping of OB	As per proposal	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed.	As per proposal	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Backfilling of degraded 7.5m barrier zone. Proposed	As per proposal	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	Plantation done in the lease area	
8g	Survival rate	80%	80%	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Regular water sprinkling is done by water tanker	Water is required for dust suppression

I/35265/2024	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is not much satisfactory as in around of the lease area there are number of old working mining leases resulting area is highly affected with mining activities. Plantation over backfilled statutory barrier zone was noticed . Plantation was also carried out by the accompany mine officials along with undersigned on the date of inspection. Hence, it was instructed to lessee at the time of inspection for carrying out more and more plantation and for proper care thereafter.
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Compliance of Rule 45

S.N	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of May-24 and AR of 2023-2423 has been submitted	MR as well as AR for 2023-24 found submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Shri Raj Kumar	Shri Raj Kumar accompanied to inspecting officer during inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return 2022-23 Currant working: 3.11ha. OB/waste dump: 0.13 ha. Occupied by plant .. etc. 0.18 Green Belt: 0.05 ha. Progressive mine closure plan-0.0hect.	OK
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR 50saplings planted in the lease area with survival rate of 80%.	OK
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No any mineral reject generated during the year.	OK
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM closing stock -Nil Graded limestone-Nil	OK
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price & sale value both are : Rs.316/64- per tone, Cost of production = Rs. 316/64-per tone	OK
9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. 16600789 /-	OK
9k	Scrutiny of Annual return on mining Machineries	Bac Hoe-1(0.9ccum bucket capacity) DUMPER 16 TONNE - Two PUMPS (NON-ELEC.) - One	

1/35265/2024 Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-Violation of provision of any prominent rules not observed. Accordingly, violation not pointed out. Based on previous inspection violation of rule 11(1) was pointed out vide VL dated 07/03/2024 followed by SCN dated 15/05/2024. Based on reply dated 12/06/2024 compliance on pointed out rules considered on 02/07/2024

Date: 08/07/2024

Name:- Raghbir Sharan Garg

Designation: Assistant Controller of Mines