

INSPECTION DATASHEET year 2022-23**General**

S.N.	Particulars	Details	
1	Name of the Mine	Prism Cement Limestone mines	
	Date of Inspection:	18.08.2023	
	Name of Inspecting Officer	Mr. Pukhraj Nenival, RCOM	
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non- Forest Land	Forest Land
		253.326 Ha.	0
3	Mine code	38MPR35137	
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/267/2011	
5	Last Inspection Details	Inspecting officer – Shri Pukhraj Nenival, RCOM Date of Inspection – 17/11/2021 Violation Point out – 11(1), 27, 63(1) of MCDR 2017 VL Compliance Status – Complied on 20/01/2022	
6	Mine official present during the inspection	Shri Kaushik Das, Mines Manager, Shri Pravin Tiwari, Geologist	
7	Name of the Lease, Address, Phone, email and fax number	Prism Cement Limestone mines, M/s- Prism Johnson Limited, Vi-Mankahari Po-Bathia ,Rampur Baghelan, District: Satna,State: Madhya Pradesh, Pin- 485111. Phone- 07672-275301/02, 275621/22 E mail- mines.office@prismjohnson.in Fax-07672-275303 Mob. No- 9584460385	
8	Village	Hinauti & Sijahata	
9	Taluka/Mandal	Rampur Baghelan	
10	District	Satna	
11	Pin code	485111	
12	State	Madhya Pradesh	
13	Post Office	Bathia	
14	Nearest Police Station	Rampur Baghelan	
15	Nearest Railway Station		
16	Date of Grant of Mining Lease	28.09.1996	
17	Date of Execution	03.09.1996	
18	Date of opening of Mine	20.03.1997	
19	Date of First Renewal, if applicable and its period & expiry	25.05.2017, 30Y, 27.09.2046	
20	Date of Second Renewal, if applicable and its period & expiry	NA	
21	Date of submission of renewal application if Mining	NA	

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	Operations are continuing under deemed extension	
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Vivek K.Agnihotri, Executive Director- Cement,Prism Cement Limited,Rahejas 2nd Floor, Main Avenue, V.P.Road, Santacruz(W), Mumbai, Pin-400054. Phone- 07672-275301 Email- vagnihotri@prismjohnson.in Fax- 07672-275303 Date of appointment- 17.08.2015
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Name- Shri Vinod Shrivastava Address- Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9584464612 Email- vinod.shrivastava@prismjohnson.in Fax- 07672-275303 Date of appointment - 20.10.2019
24	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name- Shri Shashi Shekhar Ray Address- Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9589222059 Email- shashi.ray@prismjohnson.in Fax- 07672-275303 Date of appointment - 12.11.2022
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Name- Shri Manukonda Bharath Qualification- B.Tech in Mining & second Class Mines Manager Experience- 7 Years Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9182739420 Email- manukonda.bharath@prismjohnson.in Fax- 07672-275303 Date of appointment - 10.05.2022
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	MP/Satna/Lst./RMP-10/21-22 Dated 28.07.2021
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	MP/Satna/Limestone/MPLN/MOD-10/2020-21 Dated 29.10.2020 Specific condition -Change in development due to COVID 19 pandemic.
29	Mineral(s) granted in lease and approved for Mining	Limestone
30	Method of Mining (Opencast, Underground)	Opencast
31	Category (Fully Mechanized, Others or Manual)	Fully Mechanised

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32	Captive/Non-Captive	Captive
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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.	253.326 Ha. (G1)	253.326 Ha. (G1)	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Prism Johnson Limited	Prism Johnson Limited	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	
1e	Balance reserves as on 01.04.2023	54.231 MT	54.231 MT	
1f	General remarks of Inspecting officer on geology, exploration etc.	Geological study report is not submitted. Violation pointed out under rule 12(4B)		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N 2718100 to N 2718450 & E 498953 to E 499568	N 2718150 to N 2718440 & E 499001 to E499512	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Waste rock-3 Limestone-2	Waste rock-3 Limestone-2	
2c	Stripping ratio or ore to OB ratio	1:0.87	1:0.85	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	1881756	1850216	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No comments		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM	2175000 Tons	2174309 Tons	

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	mineral production proposed (2022-23)			
3c	Recovery of Salable/usable mineral from ROM production	Not proposed	Not applicable	
3d	Quantity of mineral reject generation	Not proposed	Not applicable	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not applicable	
3f	Quantity of sub-grade mineral generation	Not proposed	Not applicable	
3g	Grade of sub-grade mineral generation	Not proposed	Not applicable	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No subgrade generated	No subgrade generated	
3j	Provision of drilling & blasting in mineral benches	DTH Drilling & Controlled Blasting	DTH Drilling & Controlled Blasting	
3k	Provision of mining machineries in mineral benches	HEMM	HEMM	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Not suitable	In the west pit, the height of benches are not maintained as per the proposals creating high wall at places. Violation pointed out.
3m	Total area covered under excavation /pits	204.677 Ha	204.677 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.87	1:0.85	
3o	Total area put in use under different heads at the end of year	221.884 Ha.	221.884 Ha.	
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19	3000000	2173643
		2019-20	3000000	2174244
		2020-21	2718750	2174769
		2021-22	2175000	2173796

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		2022-23	2175000	2174309
3q	General remarks of inspecting officer on method of mining etc	In the west pit, the height of benches are not maintained as per the proposals creating high wall at places. Violation pointed out.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Yes	
4b	Location of topsoil, OB & mineral reject dumps	499527E to 499893E & 2717560N to 2717980N	499527E to 499893E & 2717560N to 2717980N	
4c	Number of Dumps within lease area and outside lease area	Three	Three	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	499527E to 499893E & 2717560N to 2717980N	499527E to 499893E & 2717560N to 2717980N	
4e	Number of Active & Alive dumps	One	One	
4f	Number of dead dumps	Two	Two	
4g	Number of dumps established	Not proposed	Not applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	proposed	Not constructed	Retaining wall was not constructed against the proposal of 500 meter
4i	Length of Retaining wall or garland drain all along dump	proposed	Not constructed	Retaining wall was not constructed against the proposal of 500 meter
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific commends of inspecting officer on waste dump management	Retaining wall was not constructed against the proposal of 500 meter		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral	Exploration	DTH hole at pit	

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	from mined out area before starting backfilling	data to be verified by DTH hole at pit bottom	bottom proved no mineral left beyond present UPD	
5b	Area under backfilling of mined out area	5.87	3.01	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Previously stored top soil is being used	Previously stored top soil is being used	
5d	Total area fully reclaimed & rehabilitated	63.025 Ha	63.025 Ha	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No comments		

Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26(2). Details should be given in the format as given in Annexure-20	Yes	Yes	
6b	Management of worked/mined out benches			Exhausted benches are covered by Backfilling. Plantation conducted on backfilling and green belt, cumulative 106708 Nos plants spending Rs 6.45 lakhs
	i) Area available for rehabilitation (Ha)	0	0	
	ii) Afforestation done (ha)	0	0	
	iii) No.of saplings planted during the year	0	0	
	iv) Cumulative no. of plants	0	0	
	v) Any other specific method of rehabilitation	0	0	
	vi) Cost incurred on watch & care during the year	0	0	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	25.03 Ha	23.13 Ha	
	ii) Void filled by waste/tailings	6.36	6.36	
	iii) Afforestation on the backfilling	3	2.1	
	iv) Rehabilitation by making water reservoir	NA	NA	
	v) Any other specific means	NA	NA	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	3	1.1	
	ii) Area rehabilitation	3	1.1	
	iii) Method of rehabilitation			

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6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP report submitted.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Whole ROM is consumed	Whole ROM is consumed	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sort out at mine	NA	NA	
7d	Any beneficiation process at mines	Not Required	Not Required	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM directly dispatched to captive plant as per provided Records.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Previously stored top soil is being used	Previously stored top soil is being used	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use.	Yes	Yes	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Yes ,being done	

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8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	7500 nos	Not done	During the year 2022-23 around 7500 sampling was proposed but no new plantation observed during the inspection
8g	Survival rate	Not applicable	Not applicable	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling in Haul Roads, Wet drill machines	Water sprinkling in Haul Roads, Wet drill machines	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	During the year 2022-23 around 7500 sampling was proposed but no new plantation observed during the inspection		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly returns are submitted before 9 th of every months as per MCDR 2017 Annual return is submitted on IBM Portal as per MCDR 2017	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- Shri Monukonda Bharat Geologist- Shri Pravin Tiwari	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern area are Pit - 136.574 Ha. Reclaimed - 60.015 ha Waste disposal - 12.528Ha. Infrastructure -3.257 Ha. Green Belt - 6.5 ha	Within FA Limit
9d	Scrutiny of Annual return on Afforestation	During the year 2022-23 around 7500 sampling was proposed but no new plantation observed during the inspection	Violation pointed out
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	Nil	Captive, not for sale
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex. Mine Price - Rs 432.40 Cost of Production - Rs 432.60	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹1338939341)	As per AR

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

1. Rule – 11(1) of MCDR 2017 dated 24/08/2023
2. Rule 12(4B) of MCDR 2017 dated 24/08/2023
3. Rule 45(7) of MCDR 2017 dated 24/08/2023
4. Rule 63(1) MCDR 2017 dated 24/08/2023

Date:

Name:

Designation: