

**INSPECTION DATASHEET year 2022-23****General**

S.N.	Particulars	Details	
1	Name of the Mine	Prism Cement Limestone mines	
	Date of Inspection:	17.08.2023	
	Name of Inspecting Officer	Mr. Pukhraj Nenival	
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non- Forest Land	Forest Land
		40.236 Ha.	0
3	Mine code	38MPR35331	
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/267/2011	
5	Name of the Lease, Address, Phone, email and fax number	Bandarkha 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- <a href="mailto:mines.office@prismjohnson.in">mines.office@prismjohnson.in</a> Fax-07672-275303 Mob. No- 9584460385	
6	Village	Bandarkha	
7	Taluka/Mandal	Rampur Baghelan	
8	District	Satna	
9	Pin code	485111	
10	State	Madhya Pradesh	
11	Post Office	Bathia	
12	Nearest Police Station	Kolgawa	
13	Nearest Railway Station	Satna	
14	Date of Grant of Mining Lease	16.09.2008	
15	Date of Execution	28.02.2011	
16	Date of opening of Mine	04.09.2017	
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	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- <a href="mailto:vagnihotri@prismjohnson.in">vagnihotri@prismjohnson.in</a> Fax- 07672-275303 Date of appointment- 17.08.2015	

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21	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- <a href="mailto:vinod.shrivastava@prismjohnson.in">vinod.shrivastava@prismjohnson.in</a> Fax- 07672-275303 Date of appointment - 20.10.2019
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name- Shri Santosh Chaudhari  Address- Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9109171029 Email- santosh.choudhary@prismjohnson.in Fax- 07672-275303 Date of appointment - 16.09.2021
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Name- Shri Kamlesh Kumar Qualification- B.E. Mining & Second Class Mines Manager Experience- 9 Years  Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9109172086 Email- <a href="mailto:kamlesh.soni@prismjohnson.in">kamlesh.soni@prismjohnson.in</a> Fax- 07672-275303 Date of appointment - 16.09.2021
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	MP/Satna/Limestone/MPLN/Mod-17/2018-19, Dated- 08.10.2018.
26	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/RMP-54/2019-20 Dated 21.07.2020
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 Mechanised
30	Captive/Non-Captive	Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	26 (2022-23)	26 (2022-23)	
1b	Exploration over lease area for Geological axis 1 or 2.	40.236 Ha. (G1)	40.236 Ha. (G1)	The Available reserved already is in Proved Category (111) as per Mineral (Evidence of Mineral contents) Rule -2015
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.	5 Lakh	7.39 Lakh	
1e	Balance reserves as on 01.04.2023	6.840 MT	6.840 MT	
1f	General remarks of Inspecting officer on geology, exploration etc.	Lease area explored upto G1 level but Geological study report is not submitted.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Bandarkha Pit 2	Bandarkha Pit 2	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Waste rock-1 Limestone-2	Waste rock-1 Limestone-2	
2c	Stripping ratio or ore to OB ratio	1:0.19	1:0.13	
2d	Quantity of topsoil generation in m <sup>3</sup>	9319	4324	
2e	Quantity of overburden generation in m <sup>3</sup>	83867	30883	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	<b>Quantity of removed over Burden is very high w.r.t. the area of pit excavated. Violation pointed out under rule 11(1).</b>		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed (2022-23)	500000	239390	
3c	Recovery of Salable/usable mineral from ROM production	NA	NA	
3d	Quantity of mineral reject generation	0	0	
3e	Grade of mineral	NA	NA	

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	reject generation and threshold value declared			
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	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 permission available	Yes permission available	
3m	Total area covered under excavation /pits	2.47 Ha	2.584 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.19	1:0.13	
3o	Total area put in use under different heads at the end of year	13.593 Ha.	13.593 Ha.	
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19	200000	192560
		2019-20	240000	143684
		2020-21	240000	239923
		2021-22	500000	239685
		2022-23	500000	239390
3q	General remarks of inspecting officer on method of mining etc	<b>During the year 2021-22 &amp; 2022-23 only 239000 tons limestone production achieved, each year against the proposal of 500000 tons for both the year. Violation pointed out under rule 11(1).</b>		

**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	Within the Lease area	Within the Lease area	
4c	Number of Dumps within lease area and outside lease area	1	1	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Temporary dumps to be backfilled later	Temporary dumps to be backfilled later	
4e	Number of Active & Alive dumps	1	1	
4f	Number of dead dumps	NA	NA	
4g	Number of dumps established	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dump	1112m	1112 m	
4j	Number of settling ponds	1	1	
4k	Specific comments of inspecting officer on waste dump management	No comments		

**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	Exploration data to be verified by DTH hole at pit bottom	DTH hole at pit bottom proved no mineral left beyond present UPD	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	0.591 Ha	0.591 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	Dumps are temporary & will be backfilled, total 9500 sapplings planted on backfilling & bunds spending 1.12 Lakh
6b	Management of worked/mined out benches			
	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			Area reclaimed by backfilling and rehabilitated by plantation
	i) Voids available for backfilling (L*B*D)	200x82x16	200x82x16	
	ii) Void filled by waste/tailings	0.79	(0.441+0.2) Ha	
	iii) Afforestation on the backfilling	0.48+0.67 Ha, 1600Nos	0.591Ha, 500 Nos	
	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	0	0.2	
	ii) Area rehabilitation	0	0	
	iii) Method of rehabilitation			
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	NA	NA	
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	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	500 nos.	500 nos.	
8g	Survival rate	80%	80%	
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	No comments		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly returns are submitted before 9 <sup>th</sup> 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	Already comply both Mining Engineer- Shri Kamlesh Kumar Geologist- Not appointed	Violation pointed out
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern area are Pit - 4.433 Ha. Reclaimed - 0.441 ha Waste disposal - 1.979 Ha. Infrastructure - 0.500 Ha. Green Belt - 2.70 ha	Within FA Limit
9d	Scrutiny of Annual return on Afforestation	500 Nos.	As per AR
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 411.12 Cost of Production - Rs 411.12	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* ₹201636969/-	As per AR
9k	Scrutiny of Annual return on mining Machineries	SHOVEL (HYDRAULIC) - 3.800 CUM - 1 BACK HOE - 2.900 CUM - 2 DUMPER - 25.000 TONNE - 14 ROCK DRILL (NON-ELEC.) - 110.000 MM - 1 PUMPS - 13300.000 L/MN - 1	As per AR

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 46(b) of MCDR 2017 dated 24/08/2023
4. Rule 45(7) of MCDR 2017 dated 24/08/2023
5. Rule 55(1) of MCDR 2017 dated 24/08/2023

Date:

Name: Pukhraj Nenival

Designation: Regional Controller of Mines