

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST-337

Mine code : 38MPR35314

- (i) Name of the Inspecting : **KQ06**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/Sh Manoj Sing (VP, Mines) , Amit Biswas (Geologist)
Official with
Designation
- (iv) Date of Inspection : 22-AUG-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PRISM CEMENT, MENDHI 117.**
- (b) **Registration NO.** : **IBM/267/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : BAHGAI
Taluka : RAMPUR BAGHALAN
Post office : SIJAHATA
Pin Code :
FAX No. : 07672-275303
E-mail : minesoffice@prismcement.cor
Phone : 07672-275301-2
- (f) Police Station : Rampur Baghelan
- (g) First opening date : 12-DEC-11
- (h) Weekly day of rest : SUN
2. Address for : PRISM CEMENT LIMITED
correspondance : RAJDEEP ,REWA ROAD,
SATNA-485001
3. (a) Lease Number : MPR2185
(b) Lease area : 117.59
(c) Period of lease : 30
(d) Date of Expiry : 31-JUL-37
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : PRISM CEMENT LTD.
 RAJDEEP, REWA ROAD, SATNA
 MADHYA PRADESH
 Phone:(O) 07675 - 504403
 FAX : (O) 07675 - 227514 (W) 275303

Owner : PRISM CEMENT LIMITED
 PRISM CEMENT LTD. SATNA
 MADHYA PRADESH
 Phone: N. A.
 FAX : N. A.

6. Date of approval of Mining	:	Modif.of approved Mining Plan	07-NOV-14
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	04-NOV-16
		MP modif under 17(3) MCR 2016	16-OCT-17
		MP modif under 17(3) MCR 2016	02-JUL-20

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Exploration according to the last proposal is completed as per records
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Not done	As per records mining operation in the ML was not done in 2021-22 due to unavailability of approved mining plan document. 2021-22 is Lapse period
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	G2- 44.84 Ha Non mineralised- 75.75 Ha	Exploration according to the last proposal is completed in 2019-20
1e	Balance reserve as on 01/04/20		Balance reserve as on 31/03/2022 is 11.62 Million T	Exploration according to the last proposal is completed in 2019-20 as per records.
1f	General remarks of inspecting officers on geology, exploration etc			The mine was on temporary discontinuation due to unavailability of land. As per records mining operation in the ML was not done in 2021-22 due to unavailability of approved mining plan document. 2021-22 is Lapse period

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	Not done	As the mine was in temporary discontinuation due to unavailability of land. Year 2021-22 is lapse period.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Separate benches in top soil, OB and mineral observed during the inspection in the existing pit.	Year 2021-22 is lapse period.
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	Year 2021-22 is lapse period.
2d	Quantity of topsoil generation in m3	No proposal	Nil	Year 2021-22 is lapse period.
2e	Quantity of overburden generation in m3	No proposal	Nil	Year 2021-22 is lapse period.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mine was on temporary discontinuation due to unavailability of land. As per records mining operation in the ML was not done in 2021-22 due to unavailability of approved mining plan document. 2021-22 is Lapse period

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	One pit observed in the ML area.	Year 2021-22 is lapse period.
3b	Quantity of ROM mineral production proposed	No proposal	nil	Year 2021-22 is lapse period.
3c	Recovery of sailable/usable mineral from ROM production	No proposal	nil	Year 2021-22 is lapse period.
3d	Quantity of mineral reject generation	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	NA	As the mine was on temporary discontinuation due to unavailability of land.
3f	Quantity of sub grade mineral generation.	No proposal	NA	As the mine was on temporary discontinuation due to unavailability of land.
3g	Grade of sub grade mineral generation	No proposal	NA	As the mine was on temporary discontinuation due to unavailability of land.
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	No proposal	As the mine was on temporary discontinuation due to unavailability of land.

3j	Provision of drilling and blasting in mineral benches	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
3k	Provision of mining machineries in mineral benches	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
3m	Total area covered under excavation/pits	NIL	NIL		As the mine was on temporary discontinuation due to unavailability of land.
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL		As the mine was on temporary discontinuation due to unavailability of land.
3o	Total area put in use under different heads at the end of year	NIL	11.34 Hect		Year 2021-22 is lapse period.
3p	Production of ROM mineral during the last five year period as applicable	2017-18 1,900,000 2018-19 1,900,000 2019-20 1,900,000 2020-21 1,900,005 2021-22 Lapse period	2017-18 2018-19 2019-20 2020-21 2021-22	30,643 0 0 0 0	Year 2021-22 is lapse period.

3q General remarks of inspecting officers on method of mining etc.

The mine was on temporary discontinuation due to unavailability of land. Year 2021-22 is lapse period. No mining operation reported in the year 2021-22.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Not applicable	As the mine was on temporary discontinuation due to unavailability of land.
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.

4e	Number of active and alive dumps.	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
4f	Number of dead dumps.	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
4g	Number of dumps established.	No proposal	Nil	Nil	As the mine was on temporary discontinuation due to unavailability of land.
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.
4j	Number of settling ponds	No proposal	Nil		As the mine was on temporary discontinuation due to unavailability of land.

4k	Specific comments of inspecting officer on waste dump management			The mine was on temporary discontinuation due to unavailability of land.
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
5b	Area under backfilling of mined out area	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mine was on temporary discontinuation due to unavailability of land. Year 2021-22 is lapse period.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Submitted	As the mine was on temporary discontinuation due to unavailability of land. annual report of PMCP submitted under rule 26(2).
6b	Area available for rehabilitation (ha) .	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
6c	afforestation done (ha).	No proposal	0.20 Ha	As the mine was on temporary discontinuation due to unavailability of land.
6d	No. of saplings planted during the year	No proposal	NIL	
6e	Cumulative no .of plants	6000	6000	As the mine was on temporary discontinuation due to unavailability of land.
6f	Any other method of rehabilitation	No proposal	Not done	As the mine was on temporary discontinuation due to unavailability of land.
6g	Cost incurred on watch and care during the year	No proposal	Nil	As the mine was on temporary discontinuation due to unavailability of land.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	NIL	As the mine was on temporary discontinuation due to unavailability of land.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL	As the mine was on temporary discontinuation due to unavailability of land.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	NIL	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	NA	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	NIL	

6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			As the mine was on temporary discontinuation due to unavailability of land. annual report of PMCP submitted under rule 26(2).

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NIL	
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 and beneficiation issues			No mining operation in the ML as per records.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	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 and additional plantation done (Rule 41)	No proposal	6000 plants in the lease area as per records.	No mining operation in the RY.
8g	Survival rate	No proposal	NA	
8h	Water sprinkling on roads to control airborne dust	No proposal	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No mining operation in the RY 2021-22 as per records.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Annual Return and Monthly Returns submitted in time.	AR filled with NIL information.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining Engineer - Mr. Kousik Das Mine Geologist - Mr. G. P. Pandey	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	OC mining - 2.82 Hect Reclaimed - 1.8 Hect. OB dump - 0.8 Hect Building/structure - 0.44 Hect.	
9d	Scrutiny of Annual return on afforestation	Yes	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	NIL	
9h	Scrutiny of Annual return on fixed assets	Yes	27.92 Crores	
9k	Scrutiny of Annual return on mining machineries	Yes	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

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines