

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : J&K/SGR/LST-1

Mine code : 38J&K09004

- (i) Name of the Inspecting : 002) DAMODAR PRASAD SHARMA
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr.G.N Choudhary, Mining Geologist
Official with
Designation
- (iv) Date of Inspection : 21-SEP-23
- (v) Prev.inspection date : 22-NOV-22

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SAMAN LIMESTONE MINE**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : JAMMU & KASHMIR
- District : SRINAGAR
- Village : SAMAN, KHOUNMOH
- Taluka : SRINAGAR
- Post office : PANTHA-CHOWK
- Pin Code : 190033
- FAX No. :
- E-mail :
- Phone :
- (f) Police Station :
- (g) First opening date : 22-OCT-96
- (h) Weekly day of rest :
2. Address for : SAIFCO CEMENTS PVT. LTD.
correspondance : OPP.-POST OFFICE BATWARA
SRINAGAR-190004
3. (a) Lease Number : J&K0014
- (b) Lease area : 144.25
- (c) Period of lease : 30
- (d) Date of Expiry : 11-AUG-26
4. Mineral worked :

5. Name and Address of the
Lessee : SAIF-U-DIN GUNA
SRINAGAR JAMMU & KASHMIR
Phone:
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. as now total area coverd under G-1.	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. as now total area coverd under G-1.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	Under 111 44.61 Million Tonnes, 122& 121 84.28 Millions	Under 111 44.61 Million Tonnes, 122& 121 84.28 Millions	
1f	General remarks of inspecting officers on geology, exploration etc	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. As on now total area coverd under G-1.	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. As on now total area coverd under G-1.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Development proposed to east to west direction of from 2094 mRl to 2082 mRl with 6 meter height benches.	Development work done, within proposed area but benches height observed more than 6 meter , violation point out to lessee as per rule 11(1) of MCDR-2017.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals incorporated	No proposals incorporated
2c	Stripping ratio or ore to OB ratio	1:00	1:00
2d	Quantity of topsoil generation in m3	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development was carried out within proposed area but benches height observed more than proposed height. Violation point out to lessee as per rule 11(1) of MCDR -2017	Development was carried out within proposed area but benches height observed more than proposed height. Violation point out to lessee as per rule 11(1) of MCDR -2017

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	

3b	Quantity of ROM mineral production proposed	224865 Tonnes	196654 Tonnes
3c	Recovery of sailable/usable mineral from ROM production	100%	All ROM used for Cement Manufacturing Purpose.
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Not Applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study proposed.	No beneficiation study was done.
3j	Provision of drilling and blasting in mineral benches	Adopted 5 to 7m deep hole drilling by wagon drill & blasting slurry explosives, nitrate mixture	Adopted 5 to 7m deep hole drilling by wagon drill & blasting slurry explosives, nitrate mixture

3k	Provision of mining machineries in mineral benches	1 cum hyadraulic excavator deployed for limestone loading and 9 tonne capacity tipper used for transporation of limestone.	1 cum hyadraulic excavator deployed for limestone loading and 9 tonne capacity tipper used for transporation of limestone.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Benches height observed more than 6 meters, violation point out to lessee.
3m	Total area covered under excavation/pits	18.20 ha	18.20 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00.00	1:00.00
3o	Total area put in use under different heads at the end of year	19.0379 ha	19.0379 ha
3p	Production of ROM mineral during the last five year period as applicable	2019-20 183475 Tonnes 2020-21 232975 Tonnes 2021-22 195057 Tonnes 2022-23 224865 Tonnes	2019-20 26475 Tonnes 2020-21 129788Tonnes 2021-22 142448 Tonnes 2022-23 196654 Tonnes

3q	General remarks of inspecting officers on method of mining etc.	Excavation work carried out within proposed area but benches height observed more than proposals. Violation point out to lessee as per rule 11(1) of MCDR-2017.	Excavation work carried out within proposed area but benches height observed more than proposals. Violation point out to lessee as per rule 11(1) of MCDR-2017.
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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals incorporated	Not Applicable	
4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	Not Applicable	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active and alive dumps.	None	None	
4f	Number of dead dumps.	None	None	
4g	Number of dumps established.	None	None	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Not Applicable	

4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable
4j	Number of settling ponds	None	None
4k	Specific comments of inspecting officer on waste dump management	No proposals incorporated regarding separate dumping of Waste.	No Waste generated during the year 2022-23.

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 proposals incorporated	Not Applicable	
5b	Area under backfilling of mined out area	Not Applicable	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Applicable	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	Not Applicable	Not Applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Area yet to mature for backfilling.	Area yet to mature for backfilling.	

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).	PMCP Report Submitted	PMCP Report Submitted
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable
6c	afforestation done (ha) .	0.15 ha	0.15 ha
6d	No. of saplings planted during the year	750	750
6e	Cumulative no .of plants	5000	5000
6f	Any other method of rehabilitation	Not Applicable	Not Applicable
6g	Cost incurred on watch and care during the year	10000	10000
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Applicable	Not Applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Applicable	Not Applicable

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	Not Applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Applicable	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Applicable	Not Applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not Applicable	Not Applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Applicable	Not Applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitored	Monitored
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP Report submitted and PMCP proposals implemented in Mine.	PMCP Report submitted and PMCP proposals implemented in Mine.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals incorporated.	Not Applicable
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposals incorporated	No Proposals incorporated
7c	Different grade of mineral sorted out at mines.	No Proposals incorporated	No Proposals incorporated
7d	Any beneficiation process at mines	No Proposals incorporated	No beneficiation is carried out in mine.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	All ROM used for cement manufacturing purpose.	All ROM used for cement manufacturing purpose.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done.	Baseline study done.
8g	Survival rate	90%	70%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul road for dust surpreession .	Water sprinkling on haul road for dust surpreession .
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic Beauty except land degradation.	Aesthetic Beauty except land degradation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Returns Submitted	Returns Submitted	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist Appointed	Mining Engineer and Geologist Appointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information Given	Information Given
9d	Scrutiny of Annual return on afforestation	Information Given	Information Given
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject generated during year 2022-23. Information given	No mineral reject generated during year 2022-23. Information given
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information Given	Information Given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex Mine Price and production cost within limit.	Ex Mine Price and production cost within limit.
9h	Scrutiny of Annual return on fixed assets	Information given	Information given
9k	Scrutiny of Annual return on mining machineries	Information given	Information given

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 :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines