

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/MANDI/LST-1

**Mine code :** 38HPR08001

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : **SHRI CHANDRAKANT DHANDALE, HOD(MINES)**  
Official with  
Designation
- (iv) Date of Inspection : 29/09/2016
- (v) Prev.inspection date : 09/10/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KERAN(SUNDER NAGAR)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : HIMACHAL PRADESH  
District : MANDI  
Village : KERAN  
Taluka : SUNDEMAGAR  
Post office : SUNDEMAGAR  
Pin Code : 175019  
FAX No. :  
E-mail :  
Phone : 01907-267131
- (f) Police Station :
- (g) First opening date : 04/09/2010
- (h) Weekly day of rest :
2. Address for : HARISH CEMENT LTD  
correspondance : GROUND FLOOR, JAGJIT COMPLEX, SUNDER NAGAR  
MANDI
3. (a) Lease Number : HPR0090  
(b) Lease area : 725.86  
(c) Period of lease : 30  
(d) Date of Expiry : 14/01/2037
4. Mineral worked :

## 5. Name and Address of the

Lessee : HARISH CEMENT LIMITED  
K.C. GULARIA'S HOUSE OPP.  
CHINAR HOTEL, NH-21 SUNDER  
NAGAR, MANDI MANDI HIMACHAL  
PRADESH  
Phone:  
FAX :

Owner : RAJIV KUMAR SAXENA  
JAGJIT COMPLEX, NEAR NARESH  
CHOWK, SUNDER NAGAR MANDI  
HIMACHAL PRADESH  
Phone: 01907-264667  
FAX :

Agent : MHAMMAD RAZA KHAN  
JAGJIT COMPLEX, NEAR NARESH  
CHOWK, SUNDER NAGAR MANDI  
HIMACHAL PRADESH  
Phone: 01907-264665  
FAX : 01907-264665

6. Date of approval of Mining Plan/Scheme of Mining : Mining Scheme rule 12 MCDR1988 24/07/2013

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	All activities related to mining have been suspended W.r.t. directions from District Mining Officer, Mandi (HP) vide letter No. MO/MDI/Harish Cement Lmt./08 Endst. No. 1472 dated 15.02.2011 in view of the judgment of the Hon'ble High Court of Himachal Pradesh, dated 13.12.2010. Presently the matter is pending for adjudication vide Civil Appeals No. 1636-1641 of 2013 in the Hon'ble Supreme Court of India.
1b	Exploration over lease area for geological axis 1 or 2	10 boreholes	NIL	All activities related to mining have been suspended W.r.t. directions from District Mining Officer, Mandi (HP) vide letter No. MO/MDI/Harish Cement Lmt./08 Endst. No. 1472 dated 15.02.2011 in view of the judgment of the Hon'ble High Court of Himachal Pradesh, dated 13.12.2010. Presently the matter is pending for adjudication vide Civil Appeals No. 1636-1641 of 2013 in the Hon'ble Supreme Court of India.

1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/s ERCOM Engineers Pvt. Ltd. Proposed expenditure 15 Lakhs	NIL	All activities related to mining have been suspended W.r.t. directions from District Mining Officer, Mandi (HP) vide letter No. MO/MDI/Harish Cement Lmt./08 Endst. No. 1472 dated 15.02.2011 in view of the judgment of the Hon'ble High Court of Himachal Pradesh, dated 13.12.2010. Presently the matter is pending for adjudication vide Civil Appeals No. 1636-1641 of 2013 in the Hon'ble Supreme Court of India.
1d	Balance area to be explored to bring Geological axis in 1 or 2	80 Ha.	NIL	
1e	Balance reserve as on 01/04/20	Balance reserves as on 31.03.2016 Proved Reserve - 165.30 Million Tons Probable Reserves - 167.18 Million Tons Mineral Resources - 92.00 Million Tons Total - 424.48 Million Tons	Balance reserves as on 31.03.2016 Proved Reserve - 165.30 Million Tons Probable Reserves - 167.18 Million Tons Mineral Resources - 92.00 Million Tons Total - 424.48 Million Tons	
1f	General remarks of inspecting officers on geology, exploration etc			No exploration work is carried out due to legal interventions.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	1. Development of Haulage Roads. Length 3581 m. 2. Mine development in North Block. RL >1300 m to 1300 m 3. Mine development in Central Block. RL > 1460 m to 1460 m	NIL	Mine Working Started on date 04.09.2010 has been temporarily discontinued from 02.05.2011. Development work will be reinstated after judgement/ directions from the Hon'ble Supreme Court of India in the CA 1636-1641 of 2013 pending for final disposal.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	NIL	Mine Working Started on date 04.09.2010 has been temporarily discontinued from 02.05.2011. Development work will be reinstated after judgement/ directions from the Hon'ble Supreme Court of India in the CA 1636-1641 of 2013 pending for final disposal.
2c	Stripping ratio or ore to OB ratio	NIL	NIL	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	228676 m3	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No development work is carried out due to legal intervention. Mine is in non working condition.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	02 Pits. North Block-01No. & Central Block-01No.	NIL	No any kind of activity related to mineral production started till date. Mine Working Started on date 04.09.2010 has been temporarily discontinued from 02.05.2011. Limestone production will be started after judgement/ directions from the Hon'ble Supreme Court of India in the CA 1636-1641 of 2013 pending for final disposal.
3b	Quantity of ROM mineral production proposed	2.00 million Tons	NIL	
3c	Recovery of sailable/usable mineral from ROM production	100%	NA	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	NIL	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	Conventional method of drilling with 150 mm DTH drill machines and controlled blasting.	NIL
3k	Provision of mining machineries in mineral benches	DTH drills (150mm dia) - 3 No. Hydraulic Excavators 4.0m <sup>3</sup> capacity - 4 No. Dumpers 35T capacity - 11 No.	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA
3m	Total area covered under excavation/pits	12.85 Ha.	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0.0072	Nil
3o	Total area put in use under different heads at the end of year	Pit- 12.85 Ha. Waste/reject - NIL Others- NIL	NIL
3p	Production of ROM mineral during the last five year period as applicable	Yr- 2011-12 - NIL Yr- 2012-13 - NIL Yr- 2013-14 - NIL Yr- 2014-15 - 1.0 Million Tons Yr 2015-16 - 2.0 Million Tons	NIL

3q	General remarks of inspecting officers on method of mining etc.	No limestone production started in mines till date. Presently mine is in non working condition.
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## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Top soil and OB separate dumping proposed.	NIL	
4b	Location of topsoil, OB and mineral reject dumps	North block- OB DUMP-1 - 4.06 Ha.	NIL	
4c	Number of dumps within lease area and outside of lease area	01 No. Within ML Area	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	2240 to N2420 E0150 to E0400 (On non mineralised zone)	Nil	
4e	Number of active and alive dumps.	01	Nil	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	Garland drain all along dumps.	Nil	
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			No waste dump handling carried out till date.



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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.	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No mining activity carried out till date.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NIL	Submitted	
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	2.0 Ha.	0.25	
6d	No. of saplings planted during the year	4000	500	
6e	Cumulative no .of plants		10000	

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6f	Any other method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch and care during the year	1.10 Lakhs	0.50 Lakhs	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Afforestation done within the 100m wide zone from ML boundary, at village Trambari and Bari, in the private land purchased by company.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Blending of ROM is proposed. North block (60%) & Central Block (40%)	NIL	Mineral conservation shall be done by blending of ROM i.e. High grade from North Block (60%) & marginal grade from South block (40%).
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	
7c	Different grade of mineral sorted out at mines.	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No mineral production started in mines.
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The top soil cover wherever encountered will be removed separately and utilized for plantation and horticultural work in and around the mining lease area as well as plant premises.	NIL	No any change in the environmental conditions and land use took place due to mining operations as mine is in non working condition. Only afforestation in the greenbelt area was done by planting 10000 saplings till date.
8b	Concurrent use or storage of topsoil	The soil would be temporarily stacked in the lease area prior to its utilization for plantation.	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	N2240 to N2420 E0150 to E0400 (On non mineralised zone). Area - 4.06 Ha.	NIL	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Waste dump will be stabilized through terracing making toe bund and retaining walls and vegetation development over top of terraces & slopes to minimize erosion.	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	4000 saplings Within ML area	500 Nos Within ML area	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing in this regards is observed.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Monthly Returns Submitted upto - Aug, 2016 Annual Returns submitted upto Year 2015-16	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	OK	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given		No limestone production started in mines till date. Presently mine is in non working condition.

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**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 :**

(DATA RAM GURJAR)

Indian Bureau of Mines