INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KSN/LST-13/HYD **Mine code : 38APR10001**

(i) Name of the Inspecting Officer and ID No. : **S41) Y M SIVA PRASAD**

(ii) Designation : Assistant Mining Engineer

(iii) Accompaning mine Official with Designation : Shri Ponnu Swamy, Mines Manager.

(iv) Date of Inspection : 23/02/2017

(v) Prev.inspection date : 19/09/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HEMADRI(N0.221)**

(b) Registration NO. :

(c) Category : A Mechanised

(d) Type of Working : Opencast

(e) Postal address

State : ANDHRA PRADESH
District : KRISHNA
Village : VEDADRI
Taluka : JAGGAIYAPET
Post office : VEDADRI
Pin Code : 521438
FAX No. : 0865422373
E-mail : NA
Phone : 27373 22317

(f) Police Station :

(g) First opening date : 01/04/1985

(h) Weekly day of rest : SUN

2. Address for correspondance : HEMADRI LIMESTONE MINE
VEDADRI, JAGGAYYAPET
KRISHNA DIST

3. (a) Lease Number : APR0058
(b) Lease area : 38.69
(c) Period of lease : 20
(d) Date of Expiry : 09/11/2021

4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S HEMADRI CEMENTS LIMITED
KRISHNA ANDHRA PRADESH
Phone:22373 22317
FAX :08654 22373

Owner : M/SHEMADRI CEMENTS LTD
M/S HEMDRI CEMENTS LTD
VEDADRI JAGGAYYAPET KRISH
KRISHNA ANDHRA PRADESH
Phone: 22373/22317
FAX : 0865422373

Agent : SRI P.RAMA KRISHNA RAO.
M/S HEMADRI CEMENTS LTD,
VILL& POST: VEDADRI, DIST:
KRISHNA, KRISHNA ANDHRA
PRADESH
Phone: 08678-284538
FAX : 0878- 284859

Mining Engineer

Name : SHRI D.Venkata Akhil Kalyan,Full Time

Qualification : B.Tech in Mining Engineering

Appointment/ Termination date : 10/11/2016

Geologist

Name : M.RAMACHANDRA REDDY,Full Time

Qualification : MSc, Geology.

Appointment/ Termination date : 02/06/2008

6. Date of approval of Mining Plan/Scheme of Mining : Existing rule 11 MCDR1988 28/07/1994
Renewal under rule 24 MCR1960 18/04/2008
MP modif under MCR 1960 29/02/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	N I L	N I L	
1b	Exploration over lease area for geological axis 1 or 2	N I L	N I L	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N I L	N I L	
1f	General remarks of inspecting officers on geology, exploration etc	962040	962040	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 9880 to N10050 & E4730 to E4850	N 9880 to N10050 & E4730 to E4850	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	N I L	N I L	
2d	Quantity of topsoil generation in m3	N I L	N I L	
2e	Quantity of overburden generation in m3	N I L	202530 Tonnes	

Exploitation:

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

3c	Recovery of sailable/usable mineral from ROM production	100%	100%
3j	Provision of drilling and blasting in mineral benches	Conventional deep hole drilling and blasting.	Conventional deep hole drilling and blasting
3k	Provision of mining machineries in mineral benches	BACK HOE 0.900 CUM 2 TPPER 7.000 CUM / MN 1 BLAST HOST DRILL 110.000 MM 1	BACK HOE 0.900 CUM 2 TPPER 7.000 CUM / MN 1 BLAST HOST DRILL 110.000 MM 1
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 7 meters height and width 12 to 15 meters.	Yes, 7 meters height and width 12 to 15 meters.
3m	Total area covered under excavation/pits	13.765 Ha	13.765 Ha.
3p	Production of ROM mineral during the last five year period as applicable	2015-16 : 177560	2015-16 : 142800

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Eastern side of the lease area	Waste dumping was carried out out side lease area.	Violation was pointed out in previous MCDR Inspection.
4c	Number of dumps within lease area and outside of lease area	One.	One	
4e	Number of active and alive dumps.	One -- Active , One -- Dead	One -- Active , One -- Dead	
4f	Number of dead dumps.	One	One	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Yes	

4k	Specific comments of inspecting officer on waste dump management	Waste dumping was proposed to be carried out within lease area on south eastern side of the lease area.	It was observed that waste material has been dumped outside lease area.	Violation was already pointed out and issued to lessee based on previous MCDR Inspection.

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	Not Applicable.	

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).	To submit yearly report on PMCP.	Submitterd yearly report for the year 2015-16.	
6c	afforestation done (ha).	150 saplings within ML area.	1684 saplings out side lease area.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitering of Air, Water Noise etc.	Monitering is being carried out regularly as per proposal.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Production of 177560 MT for the year 2015-16.	Produced 142800 MT and dispatched 137000 MT.	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.
7d	Any beneficiation process at mines .	No	No.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	N I L	N I L	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Carried out EIA / EMP additional plantation of 150 saplings was proposed.	1684 sapplings have been planted out sode the lease area.	
8h	Water sprinkling on roads to control airborne dust	Yes.	Water sprinkling arrangement is being carried out by water tanker.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual return has to be as per statue.	Lessee is submitting Monthly and Annual returns rgularly through On-Line.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager : shri Ponnu Swamy and Mining Engineer : shri D.V. Akhil Kalyan.	Mines Manager : shri Ponnu Swamy and Mining Engineer : shri D.V. Akhil Kalyan.	Violation of rule 42 of MCDR 1988 was Complied by submitting Form I to this office.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	13.765 Ha	13.765 Ha.
9d	Scrutiny of Annual return on afforestation	No plantation inside lease area, but 1680 saplings planted out side lease area.	The plantation have been observed out side lease area.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N I L	N I L
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Production : 148200 mt Dispatch : 137000 MT. Stack : 11439 MT.	The details furnished are found correct.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex Mine Price : 220.04, No sale price of ore as the mine is for captive purpose.	The details furnished are found correct.
9k	Scrutiny of Annual return on mining machineries	BACK HOE 0.900 CUM 2 TIPPER 7.000 CUM 5 AIR COMPRESSOR 16.990 CUM /MN 1 BLAST HOST DRILL 110.000 MM 1	Machineries furnished are observed in the field on the day of inspection.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(**Y M SIVA PRASAD**)

Indian Bureau of Mines