

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT 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 : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sri Ponnuswamy, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 19/09/2016
- (v) Prev.inspection date : 21/05/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HEMADRI(NO.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 : HEMADRI LIMESTONE MINE
correspondance : 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 : NONE,Full Time

Qualification :

Appointment/ :

Termination date

Geologist

Name : M.RAMACHANDRA REDDY,Full Time

Qualification : MSc, Geology.

Appointment/ : 02/06/2008

Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	28/07/1994
Plan/Scheme of Mining	:	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	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	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	962040	962040	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N9880 to N10050 & E4730 to E4850	N9880 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	Nil	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	202530 T	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	ONE	ONE	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	

3d	Quantity of mineral reject generation	Nil	Nil
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 TIPPER 7.000 CUM 5 AIR COMPRESSOR 16.990 CUM/MN 1 BLAST HOST DRILL 110.000 MM 1	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
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.
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 the lease area on South eastern side of the lease area	It was observed that waste material has been dumped outside lease area	violation was pointed out to the party

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	NA	

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).	Submit yearly report on PMCP	Submitted for the year 2015-16	
6c	afforestation done (ha).	150 sapplings within lease area	1684 sapplings 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
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Production of 177560 MT for 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)	Nil	Nil	
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 sappling was proposed	1684 sapplings have been planted out side 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 submitted as per Statue	Monthly and annual returns are being submitted regularly	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager : K Ponnu Swamy Mining Engineer: T Anil Kumar	Mining Engineer Mr Anil Kumar already left the job, no new recruitment was carried out	violation was pointed to the lessee
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, burt 1680 sapplings 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)	Nil	Nil	
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: Rs. 220.04, No Sale 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	

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
Rule 13(1)	22/11/2016				
Rule 27(4)	22/11/2016				
Rule 42(1)(C)(I)	22/11/2016				
Rule 13(1)	25/11/2016				
Rule 27(4)	25/11/2016				
Rule 42(1)(C)(I)	25/11/2016				

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines