

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-170/HYD

Mine code : 38APR11115

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri M Ranachander, Mines manager, Shri M Ramesh Babu
Official with
Designation
- (iv) Date of Inspection : 19/05/2016
- (v) Prev.inspection date : 25/07/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KORUMANIPALLI(205.212)**
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 08558-286044
- E-mail :
- Phone : 08558-286055
- (f) **Police Station** : KOLIMIGUNDLA
- (g) **First opening date** : 31/01/2007
- (h) **Weekly day of rest** : SUN
2. **Address for** : M/S PENNA CEMENT INDUSTRIES LTD.
correspondance TALARICHERUVU MANDAL
TALARICHERUVU VILLAGE, ANANTPUR DISTRICT.
3. (a) **Lease Number** : APR2302
- (b) **Lease area** : 205.21
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 29/01/2024
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : PENNA CEMENT INDUSTRIES LTD
 PLOTNO.703,
 SRINIKETAN COLONY ROAD NO.3
 BANJARAHILLS.HYDERABAD
 HYDERABAD TELANGANA
 Phone:08558, 86055,86066
 FAX :08558-86044

Owner : P.VENUGOPAL REDDY
 PLOT.NO.703, ROAD NO.3,
 SRINIKETAN COLONY, BANJARA
 HILLS HYDERABAD TELANGANA
 Phone: 040-23353945
 FAX : 040-23353951

Agent : S.JAYARAMA RAJU
 M/S PENNA CEMENT INDUSTRIES
 LTD. TALARICHERUVU
 ANANTAPUR DISTRICT
 ANANTAPUR ANDHRA PRADESH
 Phone: 08558-286055,66
 FAX : 08558-286044

Manager
 Name : A.SRINIVASAREDDY
 Qualification : DIPLOMA IN MINING ENGINEERING, F.C.C,
 Appointment/ : 26/04/2007
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	22/04/2003
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	25/04/2007
	:	Mining Scheme rule 12 MCDR1988	02/01/2013

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	NA	
1b	Exploration over lease area for geological axis 1 or 2	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	Exploration in the lease area has reported to be completed in 2014-15
1e	Balance reserve as on 01/04/20		12.891	In Million tonnes

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	S19-S143 E382-775 00-S300 W90-E160	S19-S143 E100-400 00-S300 W90-E160	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, Recovery of the top soil in the developing top layer.	Top soil available scarped separately and stacked , and as well as utilize for plantation	
2c	Stripping ratio or ore to OB ratio	NIL	NIL	
2d	Quantity of topsoil generation in m3	45000	21329	
2e	Quantity of overburden generation in m3	NIL	NIL	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	02	01	

3b	Quantity of ROM mineral production proposed	2100060 Tonnes	949015tonne
3c	Recovery of sailable/usable mineral from ROM production	100% of ROM	100% of ROM
3d	Quantity of mineral reject generation	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method of mining	Mechanised method of mining
3j	Provision of drilling and blasting in mineral benches	One drill of 150mmdia of Revathi C 60 H model supported by 550 cfm compressor.and Blasting is proposed by using milli second delay detonators for better fragmentation.	One drill of 150mmdia of Revathi C 60 H model supported by 550 cfm compressor. Blasting is done by using Non-electric detonators in combination with slurry and ANFO for better fragmentation.
3k	Provision of mining machineries in mineral benches	Hydraulic shovel -Dumper combination is proposed for mineral handling .	3.0 cum bucket capacity hydraulic shovels - and 35 tonner dumper combination is adopted for mineral handling.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8-9 m bench ht is proposed in mineral bench	9 mt bench is maintained in mineral bench, As no overburden is mines , no OB benches are formed.
3m	Total area covered under excavation/pits	38.766 Ha (up to 2016-17)	30.50 Ha
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL

3o	Total area put in use under different heads at the end of year	Mine Development Area : 38.766 Ha, Plantation : 06 Ha, Haul road : 1.604 Ha Haul Road	Mine Development Area : 30.50 Ha, Plantation : 3.65 Ha, Haul road : 1.60 Ha
3p	Production of ROM mineral during the last five year period as applicable	10353201 tonnes proposed in five year scheme i.e 2012-13 to 2015-16	2012-13 - 12,30,540 tonne 2013-14 - 11,41,170tonne 2104-15 - 9,72,100tonne 2015-16 -9,49,015tonne
3q	General remarks of inspecting officers on method of mining etc.		Mining oerations is being carried out in systematic manner.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
4e	Number of active and alive dumps.	NA	NA	

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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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).	Need to be submitted before 1st july 2015	Not submitted
6b	Area available for rehabilitation (ha) .	NA	NA
6c	afforestation done (ha).	Yes, 1500 no of sapplings	Yes, 1550 no of sapplings
6e	Cumulative no .of plants		4947 no. of sappling
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring in respect of AAQ, Noise, Surface Water, Ground water needs to be carried out.	Monitoring is being done and the results are within permissible limit.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Top soil management, plantation and monitoring of air quality, surface water, ground water, noise needs to be carried out	Compliance of PMCP is being carried out more or less satisfactory.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	21,00,060 Tonnes	9,49,015 Tonnes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
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)	The top soil in being scraped and collected seperately during developing top benches and stacked temperarily along Southern boundary of the lease area.	Top soil generated during development of top benches is being scarped separately and stacked as well as utilized for plantation purpose.	
8b	Concurrent use or storage of topsoil	Storage and utilised of top soil	Utilised for planatation purpose.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Vegetation is very scanty in the lease area.	By plantation vegetation cover within and out side lease area is increased to improve aesthetic beauty.	
8g	Survival rate	70%	70%	
8h	Water sprinkling on roads to control airborne dust	10KL mobile water sprinkler .	10KL mobile water tanker with sprinkler is provided to suppress the Air borne dust on the Haul road.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR & AR needs to be submitted with prescribed time to RCOM, IBM Hyderabad	M.R. has been submitted up to April 2016 and Annual return submitted for the year 2014- 2015.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager & 8. Mining Engineer in charge : Shri M.Ramchander Geologist in charge: Shri M.Ramesh Babu	Above information is true.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings: 27.0 Ha	More or less same	

9d	Scrutiny of Annual return on afforestation	Within lease area : 1628, 70% survival Outside lease area : 330, 70% survival	Within lease area : 1628, 70% survival Outside lease area : 330, 70% survival
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	ROM production : 972100.000 Tonnes Mineral reject: Nil	Information furnished is true
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Exmine price: Rs.181.24 Production Cost: Rs. 181.24	Same as furnished in AR
9k	Scrutiny of Annual return on mining machineries	Excavator :3.5 cum, 2 nos. Dumpers (35T) : 10 nos. Dozer : 525 HP Water sprinkler : 12000 Litre capacity Rock Drill : 115mm Rock Drill : 150mm	Found deployed as furnished in AR

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)	07/06/2016				
Rule 23E(2)	07/06/2016				
Rule 27(4)	07/06/2016				
Rule 47	07/06/2016				
Rule 48	07/06/2016				

Date :
(SHRI IBRAHIM SARIF)

Indian Bureau of Mines