

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/RR/LST-5/HYD

Mine code : 38APR23004

- (i) Name of the Inspecting : S11) SHAILENDRA KUMAR
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sri C Venkata Ramana Mines manager
Official with
Designation
- (iv) Date of Inspection : 18/09/2021
- (v) Prev.inspection date : 16/03/2021

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : OGIPUR(221.92 HA)
- (b) **Registration NO.** : IBM/8166/2011
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TELANGANA
- District : RANGAREDDY
- Village : OGIPUR
- Taluka : TANDUR
- Post office : TANDUR
- Pin Code : 501158
- FAX No. : 08411-247897
- E-mail : tandur.mines@pennacement.co
- Phone : 08411-247875
- (f) **Police Station** : TANDUR
- (g) **First opening date** : 15/03/2010
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : 705,SRINIKETAN COLONY,ROAD NO.3,
BANJARA HILLS,
HYDERABAD
3. (a) **Lease Number** : APR3076
- (b) **Lease area** : 221.92
- (c) **Period of lease** : 30
- (d) **Date of Expiry** : 27/08/2038
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S PENNA LIMESTONE QUARRIES LIMITED
 PLOTNO,703,SRINIKETAN
 COLONY ROAD NO,3
 ,BANJARA HILLS HYDERABAD
 HYDERABAD TELANGANA
 Phone:(040)23353945, 23353950, 23353952
 FAX :040-23353951

Owner : M/S.PENNACEMENTINDUSTRIES.LTD
 PLOTNO.703,
 SRINIKETANCOLONYROADNO.3
 BANJARAHILLS, ANANTAPUR
 ANDHRA PRADESH
 Phone: 3353945, 33
 FAX : (040)3363951

Agent : P.VASUDEVA REDDY
 SAGACEMENTS LTD,
 MATTAMPALLY PO & MANDAL
 NALGONDA DISTRICT NALGONDA
 TELANGANA
 Phone: 08683247015
 FAX : 08683247039

Mining Engineer

Name : B SUDARSHAN REDDY,Full Time
 Qualification : BTECH(MINING)
 Appointment/ :
 Termination date

Geologist

Name : M KANAKA BABU,Full Time
 Qualification : MSC GEOLOGY
 Appointment/ :
 Termination date

Manager

Name : C VENKATARAMANA
 Qualification : BTECH(MINING)
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	15/10/2007
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	01/08/2012
	:	Mining Scheme rule 12 MCDR1988	07/08/2014
	:	MP review under 17(1) MCR 2016	04/12/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposed during the year 2020-21	No exploration was carried out during the year 2020-21	None
1b	Exploration over lease area for geological axis 1 or 2	----	The entire potential mineralised zone was explored under G1 scale.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	None
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2021 are 91 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	None	None	the entire potential mineralised area has been explored under G1 level.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to develop between gridlines E 9822 - 10315 and N 15300 - 16236	The development was carried out as proposed.	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	None	three benches developed in the ore.
2c	Stripping ratio or ore to OB ratio	None	None	None
2d	Quantity of topsoil generation in m3	None	None	There is no topsoil in the lease.

2e	Quantity of overburden generation in m3	None	None	There is no overburden in the lease.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	--	The development of mine is being carried out as proposed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	None
3b	Quantity of ROM mineral production proposed	1.99 Million tonnes	1.36 Million tonnes	None
3c	Recovery of sailable/usable mineral from ROM production	It was proposed to consume the entire ROM in the cement plant of lessee.	The same was noticed duirng the inspection.	None
3d	Quantity of mineral reject generation	None	None	There is no mineral reject in the lease.
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	it is proposed to proposed to carry out drilling and blasting in the mineral benches.	Drilling by Wagon drill of 115 mm dia being carried out.Blasting being carried out by a spacing of 8 meters with a burden of 6 meters.	None
3k	Provision of mining machineries in mineral benches	it was proposed to transport and export the mineral by using HEMM.	During the inspection it was noticed that Back hoe being used for excavation and dumpers for transporting the mineral.	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain a height of 8 meters bench gheight	The same was noticed during the inspection.	None
3m	Total area covered under excavation/pits	--0-	The total area under different area put to use is as follows: 1. Pits - 41.90 ha 2. Infrastructure - 3.11 ha	None
3n	Ore to OB ratio for the pit/mine during the year.	None	None	There is no OB as such stripping ratio is not applicable
3o	Total area put in use under different heads at the end of year	---	The total are under different heads is as follows: 1. Pits - 41.90 ha 2. Infrastructure - 3.11 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - 2.30 Million tonnes 2017-18 - 2.30 Million tonnes 2018-19 - 1.54 Million tonnes 2019-20 - 1.83 Million tonnes 2020-21 - 1.99 Million tonnes	The actual production reported was as follows 2016-17 - 0.88 Million tonnes 2017-18 - 1.22 Million tonnes 2018-19 - 1.65 Millllion tonnes 2019-20 - 1.76 Million tonnes 2020-21 - 1.36 Million tonnes	The production being done as proposed.

3q	General remarks of inspecting officers on method of mining etc.	None	None	The method of mining and production reported are as per proposals made in the approved document
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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)	None	None	as there is no OB in the lease.dumps were not proposed.
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	None	None	None
4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	As there is no OB,no dumps were proposed.

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.	None	None	No area has matured for reclamation till date.
5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	No area matured for reclamation in the lease till date.

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).	---	The Annual report on PMCP submitted by the lessee.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	It was proposed to carry out afforestation in 0.50 ha	Actual plantation was carried out over 1.5 ha	None
6d	No. of saplings planted during the year	600 no.s	4850 no.s	None
6e	Cumulative no .of plants	---	24500 no.s	None
6f	Any other method of rehabilitation	None	None	None

6g	Cost incurred on watch and care during the year	---	it was reported that an amount of 2,50,000/- incurred during the year 2020-21 for watch and ward	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	None	None	None

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring in both core and buffer zone for checkig environmental parameters	Quarterly monittoring being carried by the lessee in both core and buffer zones.	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	--	The progressibve Mine closure activites are being taken up as proposed.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	the ROM proposed to produce was 1.99 Million tonnes	The actual ROM reported was 1.36 Million tonnes	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	-----	The netire ROM consumed in the cement plant of lessee.	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	The entire ROM consumed in cement plant of lessee.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no generation of topsoil in the lease duirng the year 2020-21	No generation of topsoil was reported duirng the year 2020-21	There is no topsoil in the lease.
8b	Concurrent use or storage of topsoil	None	None	As there is no generation of topsoil it is not applicable.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	As there is no topsoil or waste.no dumps were proposed.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	---	Except for the plantation made by lessee no other vegetation was observed.	None
8g	Survival rate	70%	70%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to control dust suppression by using water sprinklers.	The same was noticed duirng the inspection.	Dust suppression measures taken up by lessee.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	--	The aesthetic beauty of the lease is average and it needs improvement.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	----	The monthly and Annual return submitted regularly by the lessee.	None
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per Annual return 2020-21, Sri B Sudarshan reddy and Sri M kanaka Babu reported as Mining Engineer and geologist respectively.	The same was confirmed during the inspection	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The area under pits is 41.90 ha	The same was noticed during the inspection	None
9d	Scrutiny of Annual return on afforestation	4850 no.s	The same was confirmed during the inspection.	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	There is no mineral reject in the mine.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The ROM reported during the year 2020-21 was 1.36 Million tonnes	The same was confirmed during the inspection.	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported in the Annual return 2020-21 was Rs.198/- per tonne	The same was confirmed during the inspection	None
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported in the Annual return for the year 2020-21 was Rs.84 crores.	No scrutiny was carried out.	None

9k	Scrutiny of Annual return on mining machineries	The Mining machinery reported duiring the year 2020-21 is as follows: 1. Back Hoe - 1 no. 2. Dumper - 5 no.s 3. Blast hole drill - 1 no. 4. Dozer - 1 no. 5. Explosive van - 1 no. 6. Water tanker - 1 no. 7. Jeep/tractor - 1 no.	The same was noticed duiring the inspection.	None
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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 :

(**SHAIENDRA KUMAR**)

Indian Bureau of Mines