

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-4(A)/HYD

Mine code : 38APR11014

- (i) Name of the Inspecting Officer and ID No. : RK13 ) A.V.Ramesh Kumar  
(ii) Designation : Assistant Mining Geologis  
(iii) Accompanying mine Official with Designation : C. Venkata Ramanaiah, DGM-Mines  
(iv) Date of Inspection : 28-SEP-24  
(v) Prev.inspection date : 15-OCT-16

PART-I : GENERAL INFORMATION

1. (a) Mine Name : KANDIKAYAPALLI (879.36AC) I  
(b) Registration NO. : IBM/607/2011  
(c) Category : A Mechanised  
(d) Type of Working : Opencast  
(e) Postal address :  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : KANDIYAPALLI  
Taluka : NANDYAL  
Post office : CEMENT NAGAR  
Pin Code : 518206  
FAX No. : 9085160274644, 9949911641, 9  
E-mail : panyammines@gmail.com  
Phone : 08516-74638.  
(f) Police Station : PANYAM  
(g) First opening date : 15-AUG-58  
(h) Weekly day of rest : SUN
2. Address for correspondence : CEMENT NAGAR  
NANDYAL DISTRICT-518206
3. (a) Lease Number : APR1477  
(b) Lease area : ~~20000~~ 355.87 HA  
(c) Period of lease : 50 YEARS  
(d) Date of Expiry : ~~31-3-2030~~ 31-3-2030
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : PANYAM CEMENTS&MINERALINDUSTRIESLTD  
BUGGANIPALLI CEMENTNAGAR  
R.S.(SCR) KURNOOL DIST.  
KURNOOL ANDHRA PRADESH  
Phone:08516 - 74838.  
FAX :74644

Owner : NARAYANASWAMY ELAMARAN  
CEMENT NAGAR ANDHRA PRADESH  
KURNOOL ANDHRA PRADESH  
Phone:  
FAX :

Agent : G.SUDHAKAR REDDY  
CEMENT NAGAR KURNOOL  
ANDHRA PRADESH  
Phone:  
FAX :

Geologist  
Name : K.Ngaraja Rao, Full Time  
Qualification : MSC GEOLOGY  
Appointment/ : 20-NOV-22  
Termination date

Manager  
Name : C. Venkataramanaiah  
Qualification : B TECH MINING  
Appointment/ : 24-NOV-22  
Termination date

6. Date of approval of Mining : Existing rule 11 MCDR1988 18-DEC-91  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 18-JAN-01  
Renewal under rule 24 MCR1960 04-DEC-06  
Mining Scheme rule 12 MCDR1988 24-MAR-09

*REVIEW OF MINING PLAN*

*01-12-2023*

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	35 boreholes	35 boreholes	No deviation
1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/s. NRDCS Ltd., HNo:3-5-886/4/8, 3rd floor, SL Square, Himayat Nagar, HYD-500029.	M/s. NRDCS Ltd., HNo:3-5-886/4/8, 3rd floor, SL Square, Himayat Nagar, HYD-500029. Expenditure: 42,06,800/-	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	Noil	Nil	Nil
1e	Balance reserve as on 01/04/20	---	Reserves as on 1.4.2024 are 21,818,600 tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	--	--	Entire potentially mineralised zone explored under G-1 level.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to work from the dumps and also on the fourth bench on eastern side pit of the lease.	Same was noticed during the inspection.	No deviation.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	None	None

2c	Stripping ratio or ore to OB ratio	Nil	Nil	Nil
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	--	None

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	No deviation.
3b	Quantity of ROM mineral production proposed	6,44,500 Tonnes	166580 tonnes	No deviation
3c	Recovery of sailable/usable mineral from ROM production	None	None	None
3d	Quantity of mineral reject generation	Nil	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	Nil

3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	HEMM proposed	Shovel -1 Blast Hole Drill-1 Explosive Van-1, Dozer-1 Air Compressor-1 Tippers-04 WaterTanker-01 (12 KLD)	None
3k	Provision of mining machineries in mineral benches	HEMM proposed	Shovel -1 Blast Hole Drill-1 Explosive Van-1, Dozer-1 Air Compressor-1 Tippers-04 WaterTanker-01 (12 KLD)	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 meters	8 meters	None
3m	Total area covered under excavation/pits	52.97 ha	52.97 ha	None
3n	Ore to OB ratio for the pit/mine during the year.	None	None	None
3o	Total area put in use under different heads at the end of year	85.18 ha	85.18 ha	None

3p	Production of ROM mineral during the last five year period as applicable	2022-23: 250000 MT	2022-23: 8900 MT	2023-24: 166580 MT	None
3q	General remarks of inspecting officers on method of mining etc.	---	---		The exploitation and development being done as proposed.

#### 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	No OB proposed to be generated during the year 2023-24.
4b	Location of topsoil, OB and mineral reject dumps	None	None	No proposal
4c	Number of dumps within lease area and outside of lease area	None	None	One old dump noticed in the lease.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	---	---	Dumps are located beyond the UPL.
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	None

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	None	None	None
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	None

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	yes	No deviation

6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	Nil	Nil	Nil
6d	No. of saplings planted during the year	Nil	Nil	Nil
6e	Cumulative no .of plants	Nil	Nil	Nil
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	---	Rs,2,00,000/- during the year 2023-24 as informed by the lessee	No comments
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx 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 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	300 0.20	300 0.20	None
		Afforestation	Afforestation	
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	all the parameters within the permissible limits	No comments
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	---	The lessee is carrying out all measures as proposed in the approved document.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	6,44,500 M Tonnes	1,66,580 M Tonnes	No comments

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Nil	Nil
7c	Different grade of mineral sorted out at mines.	Nil	Nil	Nil
7d	Any beneficiation process at mines	Nil	Nil	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	---	None	None

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	None	None
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
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 noticed.	No comments
8g	Survival rate	80%	60%	No comments
8h	Water sprinkling on roads to control airborne dust	yes	Dust suppression being carried out by using water tanker.	No comments
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	---	No comments

## Compliance of Rule 45:

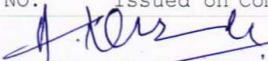
Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes	yes	No comments
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the return, Sri ramaniah and Nagaraja Rao are appointed as Mining Engineer and Geologist	Same was confirmed during the inspection.	No comments

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits-51.230 ha dumps - 12.150 ha	Same was confirmed during the inspection.	No comments
9d	Scrutiny of Annual return on afforestation	250 saplings	300 saplings	No comments
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	1,66,580 M Tonnes	Same was confirmed during the inspection.	No comments
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price Rs. 235.20/-	Same was confirmed during the inspection.	No comments
9h	Scrutiny of Annual return on fixed assets	About four crore thirty lakhs reported as value of fixed assets.	Same was not verified.	No comments
9k	Scrutiny of Annual return on mining machineries	Shovel-1, Blast Hole Drill-1, Explosive Van-1, Dozer-1, Air Comp-1 Tipper-04, Water Tanker-01 (12 KLD)	Shovel-1, Blast Hole Drill-1, Explosive Van-1, Dozer-1, Air Comp-1 Tipper-04, Water Tanker-01 (12 KLD)	No comments

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 : 10-10-2024

  
(A.V. Ramesh Kumar)

Indian Bureau of Mines