

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/CDP/L.ST-3/HYD

**Mine code :** 38APR04002

- (i) Name of the Inspecting : 25 ) SHRI IBRAHIM SARIF  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Yalagandula, Saidulu, Mines Manager  
Official with  
Designation
- (iv) Date of Inspection : 13-MAR-21
- (v) Prev.inspection date : 02-DEC-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : NIDUZUVVI
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : CUDDAPAH
- Village : NIDUZUVVI
- Taluka : KAMALAPURAM
- Post office : YERRAGUNTALA
- Pin Code : 516309
- FAX No. : 08563-75158
- E-mail :
- Phone : 08563-201493
- (f) **Police Station** : YERRAGUNTALA
- (g) **First opening date** : 11-JAN-78
- (h) **Weekly day of rest** : SUN
2. **Address for** : M/S THE INDIA CEMENTS LTD.  
**correspondance** YERRAGUNTALA  
KADAPA DT.
3. (a) **Lease Number** : APR0020
- (b) **Lease area** : 335.06
- (c) **Period of lease** : 30
- (d) **Date of Expiry** : 06-JAN-24
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : THE INDIA CEMENTS LTD  
 DHUN BUILDING 827, ANNA  
 SALAI CHENNAI CHENNAI CITY  
 TAMIL NADU  
 Phone:282521526  
 FAX :28520638

Owner : R.K.DAS  
 DHUN BLDG 827,ANNASALAI  
 CHENNAI CITY TAMIL NADU  
 Phone: 04428521526  
 FAX : 04428520638

Agent : D.B.K.MURTHY  
 M/S INDIA CEMENTS LIMITED  
 YERRAGUNTLA KADAPA CUDDAPAH  
 ANDHRA PRADESH  
 Phone: 08563-275158  
 FAX : 08563-275154

## Mining Engineer

Name : N.JAYABHARATREDDY,Full Time  
 Qualification : B.E(MINING)  
 Appointment/ : 06-AUG-11  
 Termination date

## Mining Engineer

Name : G.VENKATESWARLU,Full Time  
 Qualification : B.E(MINES)  
 Appointment/ : 09-FEB-08  
 Termination date

## Geologist

Name : D.P.MUKHERJEE,Part Time  
 Qualification : M.TECH APPLIED GEOLOGY  
 Appointment/ :  
 Termination date

## Geologist

Name : B.RAVI,Full Time  
 Qualification : M.SC (GEOLOGY) (UNIVERSITY OF MADRAS)  
 Appointment/ : 04-OCT-17  
 Termination date

## Manager

Name : MD. NIYAZI  
 Qualification : B.E. & FCC  
 Appointment/ : 15-OCT-07 06-AUG-11  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	23-MAY-97
		Mining Scheme rule 12 MCDR1988	23-OCT-00
		Mining Scheme rule 12 MCDR1988	05-MAR-04
		Mining Scheme rule 12 MCDR1988	24-APR-09
		Renewal under rule 24 MCR1960	22-AUG-14

MP modif under 17(3) MCR 2016

24-MAY-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	8 bore holes drilled	
1b	Exploration over lease area for geological axis 1 or 2	About 335.06 ha	About 297.58 ha	Non Mineral Zone is 11.36 ha
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Natural Resources Development Co-operative Society Limited.	Natural Resources Development Co-operative Society Limited. About Rs. 18,50,000/- spent on exploration	
1d	Balance area to be explored to bring Geological axis in 1 or 2	About 26.18 ha	-	Surface right issues
1e	Balance reserve as on 01/04/20	-	79.00 million Tonnes	-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	-

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N-290 to N646 W-150 to W-907	Development is being carried out within approved proposal.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes seperate bench for top soil and minera is to maintained	Yes, found maintained	
2c	Stripping ratio or ore to OB ratio	Nil	1:0	
2d	Quantity of topsoil generation in m3	No proposal	Nil	

2e	Quantity of overburden generation in m3	No proposal	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Stratified deposit of regular habit, benches height of of 8 meters is maintained for proper development.

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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Two	Two	-
3b	Quantity of ROM mineral production proposed	9,99,970 MT	4,00,500 MT	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	DTH Drilling 115m, Deep Hole Blasting with nonel initiation system (B-4, S-5, H-8, 0)	DTH Drilling 115m, Deep Hole Blasting with nonel initiation system (B-4, S-5, H-8, 0)	
3k	Provision of mining machineries in mineral benches	Excavator - 3 nos, Dumpers - 2 nos, Tippers - 3 nos, Drill + Compressor 1 no.	Excavator - 3 nos, Dumpers - 2 nos, Tippers - 3 nos, Drill + Compressor 1 no.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 8 meters bench height is suitable using 3.6 cum capacity excavators.	Yes	
3m	Total area covered under excavation/pits	53.54 ha	45.35 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	72.00 Ha	67.00 ha	-

3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 1.00 Million Tonnes 2016-17 - 1.00 Million Tonnes 2017-18 - 0.99 Million Tonnes 2018-19 - 0.99 Million Tonnes 2019-20 - 0.99 Million Tonnes	2015-16 : 0.33 Million Tonnes 2016-17 : 0.40 Million Tonnes 2017-18 : 0.52 Million Tonnes 2018-19 - 0.458 Million Tonnes 2019-20 - 0.405 Million Tonnes
3q	General remarks of inspecting officers on method of mining etc.	Mining operations are being carried out by opencast fully mechanised method using HEMM with deep hole drilling and Blasting.	

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Top soil dumps area to be maintained	Yes maintained	
4b	Location of topsoil, OB and mineral reject dumps	Top Soil dump : West and North western side of ML area.	Top Soil dump : West and North western side of ML area.	
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active and alive dumps.	NA	NA	
4f	Number of dead dumps.	NA	NA	

4g	Number of dumps established.	NA	NA
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA
4i	Length of Retaining wall or garland drain all along dumps	NA	NA
4j	Number of settling ponds	NA	NA
4k	Specific comments of inspecting officer on waste dump management		No waste generation in the lease area. the top soil generated is stacked on western side of the lease area for future use.

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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 area is matured for backfilling.	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	No area is matured for backfilling as pit is not yet reached UPL
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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).	Need to submit	Submitted	-
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	1000 Nos	1000 Nos	
6d	No. of saplings planted during the year	1000 Nos	1000 Nos	
6e	Cumulative no .of plants	-	22758	
6f	Any other method of rehabilitation	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring of Air, Water, Noise, Water is to be done regularly.	Air, Water, Noise, Water Monitoring is being done as per proposal	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Quarterly monitoring of Air, Water, Noise, Water is being done regularly. Plantation is being carried out to improve aesthetic beauty.	

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	9,99,970 MT	4,00,500 MT	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	Only Crushing of Ore is being carried out	Same is being done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Excewpt crushing no other beneficiation is being practised.	

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Additional plantation of 1000 Nos to be done	1000 Nos sapplings planted	
8g	Survival rate	90%	80-90%	
8h	Water sprinkling on roads to control airborne dust	Through water tanker and permanent water sprinklers	Complied	Permanent water sprinklers (Drip Irrigation System) installed.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	Plantation is being carried out to improve aesthetic beauty.	-

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual returns has to be submitted regularly.	Monthly and Annual returns are being submitted regularly.	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri Yalagandula, Saidulu, B Ravi	Lessee appointed Mining Engineer : Shri Yalagandula, Saidulu, Geologist : B Ravi
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	i) Covered under O/C Workings 45.35 (ii) Occupaid by Pland and Buildings.: 21.6 Ha (iv) Other purpose (Plantation) : 22.48 Ha	More or less as per proposals
9d	Scrutiny of Annual return on afforestation	1000 Nos	1000 Nos
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	Cement Grade Limestone 29500 Tonnes	As submitted by Lessee
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs.257.74 is for Ex mine price and Production cost as it is for captive consumption.	As reported by lessee
9h	Scrutiny of Annual return on fixed assets	Rs. 141610335	As submitted by Lessee

9k	Scrutiny of Annual return on mining machineries	1. Back Hoe- (2.6 cum)-1 No., 2. Dumers- (31.75 Tonnes)- 2 No.s , Blast hole drill (115 mm dia) - 1 No. Water tanker (10000 liters)- 1 No.	Above machineries are deployed in the lease area
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**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 :**

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines