

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLG/LST-4/HYD

**Mine code :** 38APR14014

- (i) Name of the Inspecting : **RA15** ) **Rajesh Kumar Das**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri M.Srinivasa Reddy  
Official with  
Designation
- (iv) Date of Inspection : 11/02/2016
- (v) Prev.inspection date : 09/07/2014

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **RAMAPURAM**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : **TELANGANA**  
District : **NALGONDA**  
Village : **RAMAPURAM**  
Taluka : **KODAD**  
Post office : **RAMAPURAM**  
Pin Code : **508246**  
FAX No. : **08683-234608**  
E-mail : **priya@priyacement.com**  
Phone : **08683-234607,234608**
- (f) Police Station : **MELLACHERVU**
- (g) First opening date : **11/01/1986**
- (h) Weekly day of rest : **SUN**
2. Address for : **PRIYA NAGAR, RAMAPURAM**  
correspondance : **MELLACHERVU MANDAL**  
: **NALGONDA DISTRICT**
3. (a) Lease Number : **APR1318**
- (b) Lease area : **51.5**
- (c) Period of lease : **20**
- (d) Date of Expiry : **11/02/2019**
4. Mineral worked : **LIMESTONE** Main

## 5. Name and Address of the

Lessee : RAIN INDUSTRIES LTD  
 34, GREEN TOWERS SRINAGAR  
 COLONY HYDERABAD HYDERABAD  
 TELANGANA  
 Phone: 04023747775  
 FAX : 040237477758

Owner : N. SUJITH KUMAR REDDY  
 RAIN INDUSTRIES LTD, PLOT  
 34 SRINAGAR COLONY HYDERABAD  
 HYDERABAD TELANGANA  
 Phone: 3740737, 3740747  
 FAX : 3740770

Agent : C. BALANAGAI AH  
 RAIN IND LTD, RAMAPURAM  
 NALGONDA DIST. NALGONDA  
 TELANGANA  
 Phone:  
 FAX :

## Mining Engineer

Name : V. PARAMESWARA RAO, Full Time  
 Qualification : B. TECH MINING  
 Appointment/ : 13/11/2008  
 Termination date

## Geologist

Name : A. JAGANNADHA REDDY, Full Time  
 Qualification : M. SC (GEOLOGY)  
 Appointment/ : 05/09/2008  
 Termination date

## Manager

Name : M. SRINIVASA REDDY  
 Qualification : AMIE (MINING)  
 Appointment/ : 21/12/2009  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Renewal under rule 22 MCR1960 28/02/2002

## 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	42 core bore holes done in 1997 as furnished in scheme of mining in 200mX 400m grid.	12 bore holes of total 523 meters done in current scheme period.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Agency- J.P.Koredrilling,hyderabad	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No specific proposal	12 core drilling done.	
1e	Balance reserve as on 01/04/20	Reserves as per 111,121 & 122 approx 136.53 million tons	Actually 139.575 million tons due to less production against proposal.	
1f	General remarks of inspecting officers on geology, exploration etc		The exploration broadly cover the entire lease in G1 & G2 scale.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit No1(N249 & E425,S182&E129 1,S692&E1011,S 245 & E106),pit 2(S150&E139,S5 56&W177,S417&W 395,S481&W451, S397&W600,S43& W363,S117&W227 ,S7&W74)	The working is broadly done within proposed area.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	No topsoil waste, reject generation.

2c	Stripping ratio or ore to OB ratio	NA	NA	No waste generation.
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		The development is done accordingly within proposed area.	

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two pits	Two pits.	
3b	Quantity of ROM mineral production proposed	1500721 MT	710000 MT	
3c	Recovery of sailable/usable mineral from ROM production	100%	As per proposal no reject no waste generation total ROM feed to crusher.	
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	No subgrade generation.
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling proposal given 115mm dia.drill and blasting by ANFO and slurry explosives.	As per the proposal.	
3k	Provision of mining machineries in mineral benches	Shovel-208 m3,backhoe-2.6 m3,Dumper-35 ton,Drill machine-115mm,Dozer,etc.	As per the proposal.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Avg. bench height proposed 8 meter and the same is suitable for proposed method.	The bench height maintained as per the proposal and with is more than height.	
3m	Total area covered under excavation/pits	79.72 ha.	78.9 ha.	
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	No waste generation.
3o	Total area put in use under different heads at the end of year	No specific proposals.	Pits-78.90 ha. infrastructure-2.02 ha. Roads-7.58 ha. Green belt-21.22 ha.	
3p	Production of ROM mineral during the last five year period as applicable	2010-11:1554832 MT,2011-12:1554907 MT,2012-13:1506054 MT,2013-14:1500069 MT,2014-15:1500721 MT	2010-11:1080000 MT, 2011-12:735000 MT, 2012-13:664000 MT, 2013-14:481000 MT, 2014-15:710000 MT	

3q General remarks of inspecting officers on method of mining etc. The method of mining is as per the proposal given with open cast mining keeping bench height 7-8 meter and width is maintaining more than height.

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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)	NA	NA	No waste, reject, OB generation.
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	No major dump observed wiyhin ML area.
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
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	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			As there is no major waste dump observed therefore waste dump management not applicable.

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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.	NA	NA	
5b	Area under backfilling of mined out area	Nil	Nil	Area not matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Top soil used for afforestation.	As per proposal.	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		There is no waste generation therefore no scope of backfilling and although area still not matured for backfilling(not exhausted).	

## 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).	Yes		
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).		21.22 ha.	
6d	No. of saplings planted during the year			
6e	Cumulative no .of plants		111878 nos splings.	
6f	Any other method of rehabilitation	NA	NA	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation		
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	Afforestation done.



6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring.	As per proposal.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The lessee has done afforestation as per the proposal.	In Ml area 2.4 ha. is reported reclaimed.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	NA	No beneficiation process at mines . The ROM is feed into crusher for sizing.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		There is no benefifiaciation done in mine ,ROM is directly feed in crusher and can be used for cement manufacturing.	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	top soil generation is negligible and little quantity if occured is used for afforestation.	

8b	Concurrent use or storage of topsoil	use for afforestation.	use for afforestation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	There is nil generation of OB,Waste,reject.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	Area not matured for reclamation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		111878 salings planted.	
8g	Survival rate		85%	
8h	Water sprinkling on roads to control airborne dust	Water tanker proposed.	Water tanker is used for dust suppression.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		No adverse impact on aesthetic beauty due to mining observed. The ML area is done some good plantation and regular watering is done for survival of plantation.	

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR submitted upto 2014-15,MR upto Jan'2016		

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer-Sri M.Srinivasa Reddy,Geologis t-Sri A Jagamadha Reddy,Manager-Sri M.Srinivasa Reddy
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pits-78.9 Ha.,Reclaime- 2.4 Ha.,Infrastruc ture & Roads- 9.6 Ha.,Afforestat ion-21.22.
9d	Scrutiny of Annual return on afforestation	2037 nos sapling within ML & 847 nos saplings Outside lease.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine Price & Production cost-Rs 149.6/- and sale price nil(used for captive plant)
9h	Scrutiny of Annual return on fixed assets	Fixed asset value Rs29859540/-
9k	Scrutiny of Annual return on mining machineries	Shovel-2.8 m3(1),Backhoe- 2.6 m3(1),Dumper- 35 ton(4),Dozer- 320 HP,Rock drill-115 mm,Water Tanker-17 Kl,Explosive Van-5 ton.(1)

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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 :****(Rajesh Kumar Das)**

Indian Bureau of Mines