

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/ADB/MN-23/HYD

Mine code : 40APR01012

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Venkaiah,Rep. of lessee
Official with
Designation
- (iv) Date of Inspection : 18/09/2016
- (v) Prev.inspection date : 10/03/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PIMPERKUNTA**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : **TELANGANA**
District : **ADILABAD**
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : **bes_ngp@sancharnet.in**
Phone : **07232-244048 / 245048**
- (f) Police Station : **TAMASI**
- (g) First opening date : **01/02/2003**
- (h) Weekly day of rest : **SUN**
2. Address for : **M/S BALAJI ELECTRO SMELTORS**
correspondance : **PLOT NO. 18, MIDC, LOHARA**
YAVATMAL, MAHARASHTRA.-445001
3. (a) Lease Number : **APR2280**
- (b) Lease area : **32.63**
- (c) Period of lease : **20**
- (d) Date of Expiry : **14/09/2024**
4. Mineral worked : **MANGANESE ORE** Main

5. Name and Address of the

Lessee : BALAJI ELECTRO SMELTERS LTD
 PLOT NO.B-18, MIDC YEOTMAL
 MAHARASHTRA
 Phone:07232 245048
 FAX :

Owner : ANUP KAPARTHI
 7, SHIVANJALI, BALAJI
 SOCIETY, YAVATMAL-445001
 ADILABAD TELANGANA
 Phone:
 FAX :

Mining Engineer

Name : K.U.JUNEKAR,Part Time
 Qualification : B.E(MINING)
 Appointment/ : 20/10/2008
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	16/04/2004
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	17/03/2009
		Mining Scheme rule 12 MCDR1988	22/02/2013
		MP modif under MCR 1960	19/10/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	It is proposed to carry out 06 pits of 4x4x4m during the year 2015-16	A total of 05 pits were made during the year 2015-16	None
1b	Exploration over lease area for geological axis 1 or 2	None	The exploration carried out is on G-1 axis	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	it was reported that an expenditure of Rs.50,000/- was incurred.	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	No balance area has been left for exploration	None
1e	Balance reserve as on 01/04/20	None	The reserves as on 1.4.2016 are 10613 tonnes under (111) and 425 tonnes under(222).	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	There are no mining operations being carried out since July 2012

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	None	Four pits were noticed during the inspection of the mine.The dimensions are as follows: 1.84x14x3.5m 2.34x40x4m 3.20x30x3m 4.20x30x3m	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches were proposed in Topsoil and ore	Separate benches in ore and Topsoil were noticed.	None
2c	Stripping ratio or ore to OB ratio	None	None	None

2d	Quantity of topsoil generation in m3	None	None	None
2e	Quantity of overburden generation in m3	None	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	None	None	None

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	it was proposed to produce from the existing pits	No production was reported since July 2012.	None
3b	Quantity of ROM mineral production proposed	it is proposed to produce 1991 tonnes	None	None
3c	Recovery of sailable/usable mineral from ROM production	None	None	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	manual	Manual	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	None	None	None
3k	Provision of mining machineries in mineral benches	None	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It is proposed to maintain a height of 2m	No mining operations noticed	None
3m	Total area covered under excavation/pits	None	Total area covered under pits is 0.5 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	None	0.5 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2012-13-1493 tonnes 2013-14-1493 tonnes 2014-15-1493 tonnes 2015-16-1991 tonnes	2012-13-143 tonnes 2013-14-Nil 2014-15-Nil 2015-16-Nil	Nil
3q	General remarks of inspecting officers on method of mining etc.	None	None	None

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposals for seperate benches in topsoil and ore were made.	No mining operations were carried out since July 2012	None
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	None

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	None
5b	Area under backfilling of mined out area	None	A total of 1.230 ha has been reclaimed by way of backfilling since opening of the mine.	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	1.230 ha was reclaimed	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).	None	yes the lessee has submitted the Annual report	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	50 plants	20 plants were afforested	None
6d	No. of saplings planted during the year	50 saplings	20 saplings	None
6e	Cumulative no .of plants	None	A total of 350 saplings have been planted	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	None	It was informed by the lessee that an amount of Rs.36,000/- was incurred	None
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	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	None	None	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	It is proposed to produce 1991 tonnes during the year 2015-16	No production was reported during the year 2015-16	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	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	None

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	None	No mining operations since 2012
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 during the year 2015-16.	A total area of about 1.230 ha has been reclaimed since opening of mine.	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	The plantation made be lessee and few shrubs are observed in the lease.	None
8g	Survival rate	None	60%	None
8h	Water sprinkling on roads to control airborne dust	None	None	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	None

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return for the year 2015-16 submitted by the lessee	Annual return for the year 2015-16 submitted by the lessee.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Mining Engineer or geologist is appointed in the Mine	No Mining Engineer or geologist is appointed in the Mine	The mine is not working since October 2012.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The lease area is patta land	it is observed from records that the leasea area is patta land	None
9d	Scrutiny of Annual return on afforestation	It is reported in the AR that 20 plants were afforested.	The same was noticed in the lease.	None

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	None	None	No production was reported since 2012.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	None	None	None
9h	Scrutiny of Annual return on fixed assets	None	None	None
9k	Scrutiny of Annual return on mining machineries	None	None	None

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 :

(A.V.Ramesh Kumar)

Indian Bureau of Mines