

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/VZNR/MN-109/HYD

**Mine code :** 40APR20043

- (i) Name of the Inspecting : **C\$10** ) **Ch.Suseela**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri. Ashok Konda , Nominated owner & Shri. B.Dashara  
Official with  
Designation
- (iv) Date of Inspection : 24/01/2017
- (v) Prev.inspection date : 07/02/2008

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SIDESWARI**
- (b) **Registration NO.** : **IBM/732/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village : SIDESWARI
- Taluka : CHIPURUPALLI
- Post office : PERIPI
- Pin Code :
- FAX No. : 089523374
- E-mail :
- Phone : 3225,3374
- (f) Police Station : CHIPURAPALLI
- (g) First opening date : 08/07/1993
- (h) Weekly day of rest : TUE
2. Address for : M/S S.K. SARAWAGI & CO (P) LTD,  
correspondance SARAWAGI HOUSE,VILL:CHIPURAPALLI,  
DIST:VIZIANAGARAM.
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : SK SARAWAGI AND (P)CO LTD  
           VIZIANAGARAM ANDHRA  
           PRADESH  
           Phone:08952 83225 &83374  
           FAX :

Owner : SK SARAWAGI & CO.  
           SK SARAWAGI & CO.  
           CHIPURPALLI VILL&PO  
           VIZIANAGARAM DISTRICT  
           VIZIANAGARAM ANDHRA PRADESH  
           Phone:  
           FAX :

Agent : K.V.RAGHVA RAJU  
           C/O S.K. SARWAGI & CO LTD.  
           PO:CHIPURAPALLI,  
           DIST:VIZIAYANAGARAM. A.P.  
           VIZIANAGARAM ANDHRA PRADESH  
           Phone:  
           FAX :

Geologist

Name : R.P.PUROHIT,Full Time  
 Qualification : M.Sc(Appl.Geology)  
 Appointment/ : 02/05/2012  
 Termination date

Manager

Name : RAJEEV KUMAR  
 Qualification : BE(MINING)  
 Appointment/ :  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Renewal under rule 22 MCR1960 01/08/2003

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	
1b	Exploration over lease area for geological axis 1 or 2	NIL	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserve as on 01/04/20	58196 MT	58196 MT	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposals	west side	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	NIL	1:8	

2d	Quantity of topsoil generation in m3	NIL	Not generated	
2e	Quantity of overburden generation in m3	NIL	4210 CU.M	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____	The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NIL	One	
3b	Quantity of ROM mineral production proposed	NIL	868 MT	
3c	Recovery of sailable/usable mineral from ROM production	NIL	61%	
3d	Quantity of mineral reject generation	NIL	348 MT <10% Mn	
3e	Grade of mineral rejects generation and threshold value declared.	NIL	<10% Mn	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NIL	Not applicable	

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3h	Manual / Mechanised method adopted for segregating from ROM	NIL	Manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	NIL	Yes, 3m deep hole blasting
3k	Provision of mining machineries in mineral benches	NIL	Yes, Excavator PC-450
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	Yes, 3m
3m	Total area covered under excavation/pits	NIL	9.80 ha
3n	Ore to OB ratio for the pit/mine during the year.	NIL	1:8
3o	Total area put in use under different heads at the end of year	NIL	10.42 ha
3p	Production of ROM mineral during the last five year period as applicable	NIL	2011-12-10240 T, 2012- 13--10930 T, 2013-14-- 43300 T, 2014-15--37584 T, 2015-16--868 T

3q	General remarks of inspecting officers on method of mining etc.		The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.
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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)	NIL	Yes, OB Dump	
4b	Location of topsoil, OB and mineral reject dumps	NIL	South West side of the pit	
4c	Number of dumps within lease area and outside of lease area	NIL	2 Dumps within lease area one for OB one for Sub grade	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	Beyond UPL	
4e	Number of active and alive dumps.	NIL	Two active dumps	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	N.A	
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	Yes	
4i	Length of Retaining wall or garland drain all along dumps	NIL	OB dump---500 m Sub grade dump---680 m	
4j	Number of settling ponds	NIL	One	

4k	Specific comments of inspecting officer on waste dump management	_____	_____	The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.
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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.	NIL	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	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____	The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.

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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).	NIL	N.A	
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year	NIL	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NIL	NIL	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NIL	NIL	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	Grade wise sorting is being practiced.	

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	Manual	
7c	Different grade of mineral sorted out at mines.	NIL	<25 % Mn <35% Mn	
7d	Any beneficiation process at mines .	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	The validity of the Scheme of Mining expired on 31.3.2013. The mining operations were suspended on 28.3.2014 The validity of the mining plan expired on 31.3.2013. The Mining operations were suspended on 28.3.2014 consequent to the task force inspection . However, the mining operations are being carried out under interim court orders.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	
8b	Concurrent use or storage of topsoil	NIL	N.A	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	Yes, OB Dump	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	1700	Plantation made on waste dump for stabilisation.
8g	Survival rate	NIL	60%	
8h	Water sprinkling on roads to control airborne dust	NIL	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____	_____

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted up to date Monthly and Annual Returns	Submitted up to date Monthly and Annual Returns .	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri.Shaik Madina, Mines Manager cum Mining Engineer Sri. M.Koteswara Rao, Geologist	Sri.Shaik Madina, Mines Manager cum Mining Engineer Sri. M.Koteswara Rao, Geologist	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area covered under Pits- 9.80 ha, Dump- 0.20 ha	Area covered under Pits- 9.80 ha, Dump- 0.20 ha
9d	Scrutiny of Annual return on afforestation	1700 plants on waste dump	1700 plants on waste dump
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	< 10 % Mn 348 MT	< 10 % Mn 348 MT
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM- 868 MT 25 to 35% Mn	ROM- 868 MT 25 to 35% Mn
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value-- Rs.3254.46, Ex.Mine Price-- -Rs.2570.87	Sale Value--Rs.3254.46, Ex.Mine Price-- Rs.2570.87
9h	Scrutiny of Annual return on fixed assets	Rs.155034/-	Rs.155034/-
9k	Scrutiny of Annual return on mining machineries	Excavator-1 Tipper--4	Excavator-1 Tipper--4

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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
Rule 13(1)	03/03/2017		

**Date :****(Ch.Suseela)**

Indian Bureau of Mines