

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/BHD/FE-1/NGP

Mine code : 30MSH05001

- (i) Name of the Inspecting : **D025**) **S. M. DORLE**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Shri Tembhare, General Manager
Official with
Designation
- (iv) Date of Inspection : 11/11/2017
- (v) Prev.inspection date : 28/08/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KHURSIPAR**
- (b) **Registration NO.** : **IBM/5319/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : GONDIA
Village : KHURSIPAR
Taluka : AMGAON
Post office : CHIRCHARBANDH
Pin Code :
FAX No. : (0712)-234239
E-mail :
Phone : 232775(M.D.),233101,233419
- (f) Police Station :
- (g) First opening date : 19/01/1993
- (h) Weekly day of rest : SAT
2. Address for : 3RD FLOOR, UDYOG BHAVAN,
correspondance : CIVIL LINES,
NAGPUR-440 001
3. (a) Lease Number : MSH0036
- (b) Lease area : 9.32
- (c) Period of lease : 30
- (d) Date of Expiry : 30/03/2034
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : MAHARASHTRA STATE MINING CORPN. LTD.
 3RD FLOOR, UDYOG BHAVAN,
 OPP. VIKRIKAR BHAVAN, CIVIL
 LINES, NAGPUR NAGPUR
 MAHARASHTRA
 Phone:0712 2565051
 FAX :0712 2565054

Owner : M/S MAHARASHTRA STATE MINING CORPORATION LTD.
 5, ABHYANKAR NAGAR NAGPUR -
 10 NAGPUR MAHARASHTRA
 Phone:
 FAX :

Agent : SHRI C. C. SARKAR
 5, ABHYANKAR NAGAR, P. B.
 NO. 351, DISTT. - NAGPUR
 (M. S.). NAGPUR MAHARASHTRA
 Phone: 526419, 533101, 531849.
 FAX :

Manager
 Name : SHRI S. DAY
 Qualification : FOREMAN'S CERTIFICATE
 Appointment/ : 31/01/2005
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	20/03/2003
Plan/Scheme of Mining	:	FMCP under 23C(1)	04/11/2008
	:	Mining Scheme rule 12 MCDR1988	05/08/2009
	:	Modif.of approved Mining Plan	03/06/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Already explored
1b	Exploration over lease area for geological axis 1 or 2	Balance reserves as on 01.04.2017 is proposed- 268111 tonnes	Actual reserves as on 01.04.2017 is- 261848 tonnes	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	Nil	Nil	
1f	General remarks of inspecting officers on geology, exploration etc			The area under FMCP is under forest land (Area 4.95 Ha) (which is a part of lease area of 9.32 hect) of M/s Maharashtra State Mining Corporation situated in village Khursipar, District Gondia (MS) since no forest clearance has been done party submitted FMCP

Development :

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

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			FMCP of Khursipar Iron ore Mine (Lease Area 4.95 Ha) (Part of lease area of 9.32 hect) of M/s Maharashtra State Mining Corporation situated in village Khursipar, District Gondia (MS) which was forest land and no forest clearance has been granted for the same. Party submitted Mining plan-FMCP for approval under rule 22 of MCDR 2017 and accordingly inspection was done .

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	NA	
3b	Quantity of ROM mineral production proposed	Nil	Not Applicable	
3c	Recovery of sailable/usable mineral from ROM production	nil	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	

3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Not Applicable.	
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	Nil	
3k	Provision of mining machineries in mineral benches	Nil	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	NA	
3m	Total area covered under excavation/pits	Not proposed	Nil	
3n	Ore to OB ratio for the pit/mine during the year.	Nil	NA	
3o	Total area put in use under different heads at the end of year	Total area 4.95 hect under forest hence not proposed.	Nil	
3p	Production of ROM mineral during the last five year period as applicable	Not proposed	Nil	
3q	General remarks of inspecting officers on method of mining etc.			Area 4.95 Ha was untouched.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not proposed	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	Nil	
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)	Nil	Nil	
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.	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			No waste dump present in the area

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.	Not proposed	Nil	

5b	Area under backfilling of mined out area	Not proposed	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Nil	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No reclamation proposed as area under forest land

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	Nil	
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) Afforestation 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	NA

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Plantation has been done . No proposal of backfilling
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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	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Nil	
7c	Different grade of mineral sorted out at mines.	Nil	Nil	
7d	Any beneficiation process at mines .	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No mining or any mining activities envisage in the above area

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	Nil	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
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	Numbers of plants existed in the area however no plantation has been done in the area.	
8g	Survival rate	Nil	NA	
8h	Water sprinkling on roads to control airborne dust	Nil	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Asthetic beauty of area is good

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual return of the area not submitted seperatly. As it was a part of Kirnapur Iron ore mines 9.32 Hectare		

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 :

(S. M. DORLE)

Indian Bureau of Mines