

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/DOL/SNG/MCDR-5/BBS-12/5/01

Mine code : 38ORI13014

- (i) Name of the Inspecting : **CCHHA**) **SHRI L H CHHANGTE**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri S.K. Rout, Agent
Official with
Designation
- (iv) Date of Inspection : 04/06/2015
- (v) Prev.inspection date : 22/09/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LANJIBERNA (893.55 HA)**
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ORISSA
- District : SUNDARGARH
- Village : LANJIBERNA
- Taluka : RAJGANGPUR
- Post office : LANJIBERNA
- Pin Code : 770023
- FAX No. : 06624-220733/933
- E-mail : GKVERMA@OCL.IN
- Phone : 0661-2451419, 2451417
- (f) **Police Station** : RAJGANGPUR
- (g) **First opening date** : 12/05/1951
- (h) **Weekly day of rest** : SUN
2. **Address for** : VILL/PO-LANJIBERNA
correspondance DIST-SUNDERGARH
3. (a) **Lease Number** : ORI0016
- (b) **Lease area** : 1002.01
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 20/08/1998
4. **Mineral worked** : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : ORISSA CEMENT LIMITED
 AT/PO RAJGANGPUR
 SUNDARGARH ORISSA
 Phone: 20133, 20733
 FAX : 20933, 20133

Owner : V P SOOD
 AT PO RAJGANGPUR
 SUNDARGARH ORISSA
 Phone: 06624220121
 FAX : 06624220133/933

Agent : P.C.MISHRA
 C/O ORISSA CEMENT L.TD
 AT/PO LANJIBERNA
 SUNDARGARH ORISSA
 Phone: 220121
 FAX : 220133

Mining Engineer

Name : A.K. MISHRA, Part Time
 Qualification : M. TECH
 Appointment/ : 15/07/2005
 Termination date

Geologist

Name : Dr A MUKHERJEE, Full Time
 Qualification : M TECH GEOLOGY
 Appointment/ : 01/12/2005
 Termination date

Manager

Name : G.K.VERMA
 Qualification : AMIE
 Appointment/ : 01/08/1996
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	27/01/2005
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	27/11/2005
	:	Modif. approved Mining Scheme	01/02/2007
	:	Renewal under rule 24 MCR1960	07/05/2009
	:	FMCP under 23C(1)	08/02/2012
	:	Modif. of approved Mining Plan	11/01/2013
	:	Mining Scheme rule 12 MCDR1988	25/03/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1d	Balance area to be explored to bring Geological axis in 1 or 2	Yes	&0% of the ML area has been explored	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration is satisfactory

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2b	Separate benches in topsoil, overburden and minerals (Rule 15)		Seperate benches for OB and Ores	
2c	Stripping ratio or ore to OB ratio	1:1.25	1;1.0 actual	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Dvelopment is satisfactory

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3c	Recovery of sailable/usable mineral from ROM production	85%	Actual 85% recovery	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanical	Mechanical only	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Specified	6m high , 9-12 m wide benches developed	
3q	General remarks of inspecting officers on method of mining etc.			Exploitation is scientific

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)		Seperate dumping	
4c	Number of dumps within lease area and outside of lease area	Given	All dumps are within the ML area and outside the UPL	
4h	Whether Retaining wall or garland drain all along dumps are there.		Dumps are retained properly	
4k	Specific comments of inspecting officer on waste dump management			No prblem with dumping

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.			Only phase reclamation in vogue

5d	Total area fully reclaimed and rehabilitated	NIL	No area matured for full reclamation
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Progressive Mine Closure Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Return on PMCP submitted to IBM	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		All provisions of PMCP satisfactorily complied with	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7d	Any beneficiation process at mines	Yes	Dry process	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Practically no problem with mineral conservation here. All grades have been blended and practically no wastage here	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Separate dumping	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Already in vogue	
8h	Water sprinkling on roads to control airborne dust	Dust suppression by fixed methos and water sprinkling	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Aesthetic beauty not affected unduly

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Annual and Monthly returns submitted	Found in order and acceptable

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 L H CHHANGTE)

Indian Bureau of Mines