

**INDIAN BUREAU OF MINES  
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/IRON-MN/SNG/MCDR-18/BBS

**Mine code :** 30ORI13024

- (i) Name of the Inspecting : **AR** ) **SHRI PREM PRAKASH**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 22/06/2013
- (v) Prev.inspection date : 12/12/2011

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SAN INDPUR**
- (b) Category : A Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : ORISSA  
District : SUNDARGARH  
Village : SAN INDPUR  
Taluka : BONAI  
Post office : PATMUNDA  
Pin Code :  
FAX No. : 06767-75631  
E-mail :  
Phone : 06767-75321
- (e) Police Station :
- (f) First opening date : 02/12/1980
2. Address for : SAN INDPUR IRON-MN MINE  
correspondance PO: PATMUNDA; DIST: SUNDERGARH  
ORISSA
3. (a) Lease Number : ORI0137  
(b) Lease area : 70.92  
(c) Period of lease : 20  
(d) Date of Expiry : 09/09/2020
4. Mineral worked : MANGANESE ORE Associated  
IRON ORE Main

## 5. Name and Address of the

Lessee : M/S NATIONAL ENTERPRISES  
 PO.BOX 44 BARBIL- 758035  
 KEONJHAR ORISSA  
 Phone:75321  
 FAX :75631

Owner : NATIONAL ENTERPRISES  
 PO BOX :44 BARBIL KEONJHAR  
 ORISSA  
 Phone: 06767-75321  
 FAX : 06767-75631

## Mining Engineer

Name : SANJEEV KUMAR, Full Time  
 Qualification : B.E. (MINING)  
 Appointment/ :  
 Termination date

## Mining Engineer

Name : B.K. CHOWDHURY, Full Time  
 Qualification : DEGREE IN MINING ENGINEERING  
 Appointment/ : 01/11/2001  
 Termination date

## Manager

Name : N.A.KHAN  
 Qualification : B.Sc PERMIT MANAGER  
 Appointment/ :  
 Termination date

## Manager

Name : P. NAYAK  
 Qualification : MATRICULATION WITH PERMIT CERTIFICATE HC  
 Appointment/ : 01/11/2001  
 Termination date

6. Date of approval of Mining : 08/06/2010  
 Plan/Scheme of Mining

**PART - II : TECHNICAL DETAILS/COMMENTS****1. Details about Average employment :**

**Maximum number of persons employed on any day during the year**

Employment category	No.of employment	Av. yearly working days
<b>DIRECT</b>		
Managerial	2	0
Workers	11	0
Supervisory	3	0

**2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.**

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
<b>General</b>					
Safety	1.00	1.00	0.00	0.00	
Health	1.00	1.00	0.00	0.00	
<b>Sub total</b>	<b>2.00</b>	<b>2.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Infrastructure</b>					
<b>Sub total</b>			<b>2.00</b>		
<b>Employment</b>	<b>0.90</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	
<b>Environment management</b>	<b>2.60</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Total</b>	<b>5.50</b>	<b>0.00</b>	<b>2.90</b>	<b>0.00</b>	

**3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.**

During last inspection on dtd. 12.12.2011, Rule 13(1) & 24 of MCDR ,1988, found violated and communicated to the party vide this office letter no. H-11021/1/BBS-2011 dtd. 23.12.2011. Rule 24 of MCDR ,1988, was complied, but Rule 13(1) of MCDR ,1988, was not complied, sighting reason that the mine is suspended by DDM, Koira, Govt. of Odisha for want of E.C . The Mine was not re-opened till the date of inspection and the said violation was still pending.

During current inspection, Rule 45 (5) (b) & 23 (E) (2) of MCDR ,1988, found violated and communicated to the party vide this office letter of even no., dated 29.07.2013.

**4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.**

Not recommended at present.

**5. Scientific Mining**

Items	Proposal	Actual work done	Remarks
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**A. Exploration (Rule 13)**

b.Total area covered : Not specified	Nil	The mine reported discontinued/closed till date of inspection since dtd.26.08.2010.
a.Type of prospecting : 2012-13 : 11 Nos. and exploration i.e. B/Hs pitting, drilling	Nil	As per notice of temporary discontinuance submitted and as reported during inspection, the mine remained discontinued/closed till date since dtd.26.08.2010.

**B. Working (Rule 13)**

c.Ore to waste ratio : 1 : 0.103 pit wise if possible otherwise for mine	Nil	The mine reported discontinued/closed till date of inspection since dtd.26.08.2010.
a.Number and size of : 03 Nos. : each pit (LxWxH) 340x191x32 m; 434x176x48 m; 110x12x6 m	Nil	The mine reported discontinued/closed till date of inspection since dtd.26.08.2010.

**C. Waste disposal (Rule 13)**

d.No.and size of each : 02 Nos. proposed waste dump with No of in SoM steps/lift/bench	Nil	The mine reported discontinued/closed till date of inspection since dtd.26.08.2010.
c.Total area covered : Not specified for under waste dump. a year	Nil	The mine reported discontinued/closed till date of inspection since

<p>b.Method of dumping : Retreat whether advancing/retreat</p>	<p>Nil</p>	<p>dtd.26.08.2010. The mine reported discontinued/cl osed till date of inspection since dtd.26.08.2010.</p>
<p>e.Yearly generation : 42085 m3 of waste quantity.</p>	<p>Nil</p>	<p>The mine reported discontinued/cl osed till date of inspection since dtd.26.08.2010.</p>
<p>a.Location of dumps : Dump-2 as peoposed in M.SoM</p>	<p>Nil</p>	<p>The mine reported discontinued/cl osed till date of inspection since dtd.26.08.2010.</p>

<u>PRODUCTION FOR POSITIVE REASONS ONLY</u>		<u>-</u>
Mineral	Production	

**6. Conservation of Mineral - both quantitative and qualitative**

**Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : NA  
 Efforts for improving percentage of recovery of ore. : NA

**Mineral Rule 15**

Percentage of recovery of ore pitwise w.r.t. ROM and total material : NA  
 Number of benches in ore and waste. : Nil (existing benches 3 to 8 Nos. in different quarries)

**Sub/grade mineral/fines (Rule 16)**

Qty of yearly generation and total qty available during inspection with grade : Qty of yearly generation- nil  
 Number and size of each stack : Nil (01 no. old Stack)  
 Location of stacking. : NA  
 Separate stacking from waste : NA  
 Total area covered for stacking : NA

<u>Exploration data as on 31/03/</u>		
No. of Boreholes	No. of Pits	No. of Trenches

<b><u>OVERBURDEN HANDLED DURING PREVIOUS YEAR</u></b>	<b><u>-</u></b>
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<u>Utilisation of Sub Grade Mineral and Mineral Rejects</u>			
<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	(In Ton.)

**7. Environment Management - both quantitative and qualitativ****A. Land environment**

- a. Landscape. : Hilly
- b. Aesthetic environment : Satisfactory
- c. Soil and land use pattern : Top soil negligible
- d. Agriculture : Not within lease area
- e. Forest(flora and fauna) : Common species
- f. Vegetation : less
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Not within lease area

**B Water environment.**

- a. Surface water : negligible effect as mine reporet d temp. discontinued.
- b. Ground water : Not intersected yet by mining.
- c. Quality of water : negligible effect as mine reporet d temp. discontinued.

**C. Air environment**

- a. Noise : negligible effect as mine reporet d temp. discontinued.
- b. Air : negligible effect as mine reporet d temp. discontinued.
- c. Climatic condition : Sub-tropical

**D. Socio economic environment**

- a. Social and demographic profile. : Mostly tribal area.
- b. Recommending health and safety. : negligible effect on as mine reporet d temp. discontinued.
- c. Human settlement : workes colony/hutment within lease area.
- d. Recreational facility. : not provided.

**7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.**

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>			-	
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Area in Hect.

**TOP SOIL MANAGEMENT**  
Quantity as on 31/03/



**8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.**

Annual Return for the year 2012-13 has not been submitted upto date of inspection, due dt. up to 1st July '2013.

Scrutiny of Annual Return for the year 2011-12 was carried out as follows :-

cost of operation : Nil, reserves :12070000 (121&122 Catg.), production : Nil, pit mouth value : Not mentioned and fixed assets: Value 80756.39(Rs.'000).

**PART - III : PERFORMANCE OF MINE OWNER**  
(In case of lease expiring within 2 years - as per guidelines)

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

**Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)**

Nil

**State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)**

Nil

**The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)**

Nil

**Date :**

**(SHRI PREM PRAKASH)**

Indian Bureau of Mines