

स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
राउरकेला इस्पात कारखाना
ROURKELA STEEL PLANT
बरसुआ लौह खादान - टेलडिही लौह खादान
BARSUA IRON MINES - TALDHI IRON MINES
P.O. TENSA - 770042
E-mail : gmofficebim@gmail.com



Ref. No. BIM/E&L/2024-25/056

Date: 17.07.2024

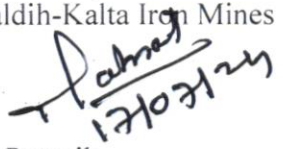
To
The Member Secretary,
State Pollution Control Board, Odisha,
A/118, Nilakantha Nagar, Unit-VIII,
Bhubaneswar – 751012

Sub: Environmental Statement for the FY: 2023-24 in respect of Barsua-Taldih-Kalta Iron Mines of M/s SAIL.

Sir,

Please find enclosed herewith the Environmental Statement in Form – V for the FY: 2023-24 in respect of Barsua-Taldih-Kalta Iron Mines of M/s SAIL for your kind perusal.

Thanking You,

Yours faithfully,
For SAIL/Barsua-Taldih-Kalta Iron Mines

Tilak Patnaik
General Manager I/c, BIM, KIM & Taldih

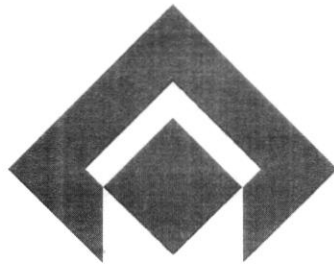
Encl: As Above

Copy to:

1. Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, A/3, Chandrasekharpur,
Bhubaneswar – 751023
2. The Regional Officer,
State Pollution Control Board,
Near Panposh Hockey Chowk, Rourkela -769004

ENVIRONMENTAL STATEMENT

YEAR: 2023-24



**STEEL AUTHORITY OF INDIA LIMITED
BARSUA-TALDIH-KALTA IRON MINES
DISTRICT - SUNDARGARH
ODISHA - 770042**

FORM – V

Environmental Statement for the financial year ending 31st March 2024

PART – A

- (i) **Name and address of the owner/occupier of the industry operation or process.** : Barsua-Taldih-Kalta Iron Mines
P.O- Tensa,
Dist.: Sundargarh
Pin- 770042, Odisha
Agent : Shri Tilak Patnaik,
General Manager I/c, BIM, KIM & Taldih
Nominated Owner : Shri Atanu Bhowmick
Director In Charge, Rourkela Steel Plant,
SAIL.
- (ii) **Industry category Primary - (STC code)** : Open Cast Iron Mine
Secondary - (SIC Code)
- (iii) **Production capacity** : 12.0 MTPA
- (iv) **Year of establishment** : 1960
- (v) **Date of the last environmental statement submitted** : 08.07.2023

PART – B

Water and Raw Material Consumption

(1) Water consumption	m³/day
Process	766.81
Cooling	245.10 (dust suppression)
Domestic	4704.47

<i>Name of Products</i>	<i>Process water consumption per unit of product output</i>	
	<i>During the previous financial year (2022-23) in m³/MT</i>	<i>During the Current financial (2023-24) in m³/MT</i>
(1) Washed Iron Ore	0.81	0.89

(2) Raw Material Consumption

Name of raw materials	Name of products	Raw material consumption per unit of product output	
		During the previous financial year (2022-23)	During the Current financial (2023-24)
(1) Diesel (Ltrs)		3588150	5248674
(2) Lubricant			
a) Lubricant oil (Ltrs)		89990	107552
b) Grease (Kg)		9830	16777
(3) Explosive			
a) Ammonium Nitrate in cartridged form (kg)	Iron Ore	0	366300
b) Slurry Explosive (Kg)		573899	396620
c) Detonators (Nos)		2955	54374
d) Detonating Fuse (Mtrs)		130525	105385
(4) Power Consumed (Kwh)		19377181	19330451

The ROM production during 2022-23 is 7.016 million tonnes and during 2023-24 is 7.649 million tonnes.

PART - C**Pollution discharged to environment / unit of output**

[Parameter as specified in the consent issued]

Pollutants	Quality of pollutants Discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reason.
a) Water	The Environmental monitoring report is attached in Annexure - I		
b) Air			

PART -D**Hazardous Wastes**

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Wastes	Total Quantity(kg)	
	During the previous Financial Year (2022-23)	During the current Financial Year (2023-24)
a) From Process		
• Used / Spent Oil	13.69 KL	21.25 KL
• Waste / Residues containing oil	4.578 T	3.375 T
• Contaminated cotton rags or other cleaning materials.	0.844 T	0.790 T
• Discarded Containers / Barrels / Liners contaminated with Hazardous Wastes / Chemicals	7.584 T	6.757 T