

[FORM -V]

(See rule 14)

Environment Statement for the financial year ending the 31st March 2023 for Tasra opencast Project-SAIL

PART-A

- i) Name and address of the owner/occupier of the industry operation or process.
Sri Amrendu Praksh, Director I/C, BSL-Collieries, BSL- Bokaro, SAIL, Bokaro, Jharkhand-
- ii) Industry category : Primary: **COAL MINES (STC Code)**
: Secondary: **PRIMARY (SIC Code)**
- iii) Production capacity – Units: **OPENCAST(COAL): 4 MTPA**
(In the financial year 2022-23 only 3,02,512 tonne coal has been produced as the mine is still in development stage due to pending Land Acquisition)
- Over burden (OB): **1031565.92 Cube meter (Approx)**
- iv) Year of establishment: **2009.**
- v) Date of the last environmental statement submitted: **31st March 2022**

PART-B

Water and River Material Consumption

(1) Water consumption m³/d:

- Process : No process is involved in excavation of coal.
Cooling : Nil
Domestic : Nil (Town ship is yet to be developed)

Name of Products	Process water consumption per unit of product output	
	During the previous financial Year	during the current financial Year
	(1)	(2)
(1) COAL	N/A	N/A

ii) Raw Material Consumption

*Name of raw materials	Name of products	Consumption of raw Material per unit of output	
		During the Previous financial year (21-22)	During the current financial year (22-23)
1. H S DIESEL	COAL	0.39 litre/tonne	0.42 litre/tonne
	&		
2. EXPLOSIVES	OVER BURDEN	0.13kg/tonne	0.15kg/tonne

Aditya
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Manager, Tasra Colliery
SAIL-Collieries Division

*Industry may use codes if disclosing details of raw material would violate contractual obligations, other wise all industries have to name the raw materials used.

PART-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass /day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water b) Air	AMBIENT AIR QUALITY AND WATER ANALYSIS REPORTS ENCLOSED AS ANNEXURE-I		

PART- D

Hazardous Wastes

(As specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous Financial Year	During the current Financial Year
a) From Process b) From Pollution control facilities	} NO HAZARDOUS WASTES ARE GENERATED.	

PART- E

Solid Wastes

	Total Quantity	
	During the previous Financial year (21-22)	during the current financial year (22-23)
a) From process b) From pollution control facility	} NOT APPLICABLE	

- c) (1) quantity recycled or re-utilised within the unit
(2) Sold
(3) Disposed
- } Total solid waste generated is being dumped in old abandoned pit in the project area, previously worked by BCCL.

*SOLID WASTES COMPRISES BROKEN OVERLYING ROCKS OF COAL SEAMS i.e. OVER BURDEN.

PART-F

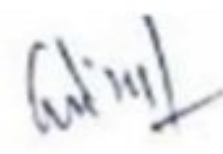
Please specify the characterisation (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

NO HAZARDOUS WASTES ARE GENERATED.

HOWEVER, SOLID WASTE IN THE FORM OF BROKEN OVERLYING ROCKS OF COAL (i.e. OVER BURDEN) ARE GENERATED FROM OPEN CAST MINES. SOLID WASTES ARE DISPOSED OFF IN THE DE-COALD AREA (ABOUT 90%) AND REMAINING 10% IS DISPOSED OFF IN THE OVER BURDEN DUMP YARDS.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production:


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 Manager, Tazra Colliery
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1. Water sprinkling is being done in the quarry area, haul roads, dump yards, loading/unloading areas, weigh bridges, office and surrounding locality to suppress the dust and its generation.
2. HEMMs are under regular maintenance for control of noise. Proper and controlled blasting techniques are undertaken to minimise blast induced ground vibration & noise.
3. Transportation is being done in covered trucks only.

PART-II

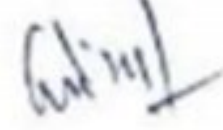
Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution:

WATER TANKER IS ENGAGED FOR 365 DAYS FOR DAILY SPRINKLING OF WATER ON PUBLIC ROADS AND ADJOINING LOCALITY OF TASRA OPEN CAST PROJECT.

PART-I

Any other particulars for improving the quality of the environment:

WORLD ENVIRONMENT DAY WAS CELEBRATED ON 5TH JUNE 23 FOR SPREADING ENVIRONMENTAL AWARENESS AMONGST THE POPULACE SURROUNDING TASRA OPEN CAST PROJECT.


Kr. Upendra Singh
Manager, Tasra Colliery
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