



GOA STATE POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART A

- (i) Name and address of the owner/ occupier of the industry operation or process : Partha S. Banerjee
- (ii) Industry category Primary-(STC Code) : RED, Mining and ore beneficiation
Secondary-(STC Code)
- (iii) Production capacity : Production at Greater Ferromet Wet Beneficiation Plant for the year 2024-25 is Nil Tonnes

Production Name	Production Capacity	Production Unit
Beneficiation of Iron Ore Concentrate(200TPH feed)	53333	Metric Tonnes/Month

- (iv) Year of establishment : 1986
- (v) Date of the last environment statement submitted : 29/09/2024

PART B

1. Water consumption m³/ d

Process : 0

Cooling : 0

Domestic : 0

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Iron Ore Concentrates	0	0

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
Iron Ore (ROM)	Iron Ore Concentrates	0	0

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

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
Water			
Water	Surface discharge water monitoring	pH- min. 6.78 ~ max. 7.01; TSS – min. 33.4 mg/L ~ max. 35 mg/L; Oil & grease - BDL; Fe - min. 0.32mg/L ~ Max - 0.4; Mn - BDL	
Air			
Air	Ambient Air quality monitoring (Core Zone)	PM 10 – min 53.9 µg/m ³ ~ max 65.3µg/m ³ ; PM 2.5 - Min 24.8µ g/m ³ ~ Max 34.4µg/m ³ ; SO ₂ – Min 5.3 µg/m ³ ~ Max 8.4 µg/m ³ ; NO ₂ – Min13.2 µg/m ³ ~ Max 18.1µg/m ³	Nil
Air	Ambient Air quality monitoring (Buffer Zone)	PM 10 – min. 34.2µg/m ³ ~ max. 69.3 µg/m ³ ; PM 2.5 – Min. 18.3 µg/m ³ ~ Max. 37.5 µg/m ³ ; SO ₂ – Min 4.2 µg/m ³ ~ max. 15.2 µg/m ³ ; NO ₂ – Min. 7.9 µg/m ³ ~ Max. 27.3 µg/m ³	Nil

Name of Pollutants : .

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	Nil	Nil
(b) From pollution control facilities	Nil	Nil

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	Nil	Nil
(b) From pollution control facility	Nil	Nil

(c)(1) Quantity recycled or re-utilised within the unit	Nil	Nil
(2) Sold	Nil	Nil
(3) Disposed	Nil	Nil

PART F

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

For the year 2024-25, used oil (Hazardous Waste) was not generated as the plant was not operated.

General procedure followed is to collect used oil during the operation and store in leak proof sealed barrel and the same is disposed to an authorized recycler.

PART G

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

During the year 2024-25, the plant was not operated.

During operation, regular monitoring of ambient air quality is taken up to evaluate the efficiency of the pollution control systems and control measures on the overall emissions in ambient air.

Adequate measures for control of fugitive emissions is also undertaken.

Fugitive dust emissions are controlled by regular water sprinkling on screening area, haul roads, loading, unloading points & transportation of minerals, etc. For the dust suppression two water tankers having 10KL capacity are engaged and such provision are properly maintained on regular basis . .

PART H

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

During the year 2024-25, the plant was not operated.

Adequate measures are taken to keep the noise level below 85db(A) in the work environment .

PART I

Any other particulars for improving the quality of the environment -

To improve the quality of Environment all the measures to abate environmental pollution mentioned in Part G of this Environment Statement is carried out.

The above mentioned environmental protective measures are always updated with the latest available technology .

Remarks : .