

ENVIRONMENTAL STATEMENT REPORT FOR THE YEAR ENDING 31ST MARCH 2018**PART-A**

- (i) Name and address of the occupier of the industry / operation or process. : **Jamshedpur Minerals & Chemicals
B-29(P), VIth Phase, Adityapur Industrial
Area, P.O - Gamharia- 832108**
- Industry Category : **SSI Unit**
- Primary (SIC code) : **-**
- Secondary (SIC Code) : **-**
- (ii) Production Category (Units) : **4800 TPA**
 a) Ferro Manganese : **600 TPA**
 b) Ferro Molybdenum : **600 TPA**
 c) Ferro Titanium
- (iii) Year of establishment : **01.12.2014**
- (iv) Date of last Environmental Statement submitted : **12 June 2017**

PART- B**WATER AND RAW MATERIAL CONSUMPTION****(A) Water Consumption**

Process
Cooling
Domestic

0.80 KLD

Name of the product	Process water consumption per unit of product output.	
	During the previous financial year	During the current financial year
FERRO MANGANESE	Nil	Nil
FERRO MOLYBDENUM	Nil	Nil
FERRO TITANIUM	Nil	Nil

(B) Raw Material Consumption :

Name of Raw Material	Consumption of raw material per unit of output:	
	During the previous financial year 2016-17 Total Production: 993.96 Tons	During the current financial year 2017-18 Total Production: 1169.50 Tons
ALUMINIUM SCRAP	287.90 M.T	341.853 M.T
ALUMINIUM POWDER	8.470 M.T	2.550 M.T
FERRO SILICON POWDER	0.210 M.T	18.162 M.T
SILICO MANGANESE	385.765 M.T	584.530 M.T
MANGANESE ORE	1104.47 M.T	1284.105 M.T
M.S SCRAP	56.669 M.T	117.108 M.T
LIME	98.044 M.T	438.831 M.T

PART- C

POLLUTION DISCHARGED TO ENVIRONMENT /UNIT OF OUTPUT (PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

Pollutants	Quantity of pollutants Discharged (mass/day)	Concentrations of Pollutants Discharged (mass/volume)	Percentage of variation From prescribed Standards with reasons
(A) Water	No discharge of effluent.	NA	NA
(B) Air	Within norms as per the monitoring reports attached.		NA

PART- D

HAZARDOUS WASTES

(AS SPECIFIED UNDER HAZARDOUS WASTES / MANAGEMENT AND HANDLING RULES, 1989)

Hazardous Waste	Total Quantity (kg/years)
	During the current financial year
(a) From process	Nil
(b) From Pollution Control	Nil

PART -E
SOLID WASTES

Solid waste	Total Quality (t/year)	
	During the previous Financial year 2016-17	During the Current Financial year 2017-18
a)From process Slag (FN+LC)	780.472 M.T	1366.995 M.T
(b) From pollution Control facility	RECYCLED	RECYCLED
Quantities recycled Or reutilized	758.743 M.T	1220.559 M.T
. Sold	NIL	149.155 M.T
. Disposed	NIL	NIL

PART- F

Characteristics of wastes and Indicative Disposal practice adopted

The slag generated from Low Carbon Ferro Manganese is used in lining of vessel for production of Low Carbon Ferro manganese.

PART- G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.

Fume extraction system with cyclone and bag filter has been installed and slag is stored/reused properly. PPE provided to worker, thus work zone environment is maintained, resulting in improved efficiency.

PART- H

Additional investment proposal for environment protection including abatement of pollution

Plantation, RWH, Regular maintenance of APCD & water sprinkling is being continued for abatement of Pollution. Estimated annual expenditure Rs. 5.00 lakhs

PART- I

Any other particulars for improving in respect of environmental protection and abatement of pollution.

PPEs provided and its use made regular. Directions of regulatory authorities complied with

Signature of Applicant