Annexure-V

FORM – V

(See rule 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31ST MARCH 2025

PART- A		
1.	Name & address of the owner/occupier of the industry, operation or process.	**M/s AIC Iron Industries Pvt. Ltd.** **Shri Dinesh Adukia (Director)** **Address:** **25, Ganesh Chandra Avenue, 4th Floor, Kolkata-700 013, West Bengal**
2.	Industry category Primary (STC Code), Secondary (SIC Code)	RED, Large Scale Metallurgical Industries (Ferrous & Non-ferrous)
3.	Production Capacity – Units	The unit Configuration & current Production capacity (as per valid CTO) is presented below, ➢ Induction Furnaces (3X15 T): 1,35,000 TPA Billets ➢ DRI Kiln 1x400 TPD (Sponge Iron 1,32,000 TPA) ➢ Captive Power Plant (WHRB based 10 MW) ➢ Rolling Mill - 0.15 MTPA (Structural Steels (Strips & Pipes etc.)) ➢ Slag Crusher
4.	Year of establishment	2007
5.	Date of last environmental statement submitted	Sept 2024

PART – B WATER & RAW MATERIAL CONSUMPTION		
1. Water Consumption m^3/day process		
Process & Cooling	220 m^3/day	
Domestic	32 m^3/day	
Name of Products	Process Water consumption per unit of product output	
	During the previous financial year (2023-2024)	During the current financial year (2024-2025)
Billets	0.29 m^3/T Billet	0.30 m^3/T Billet
Sponge Iron	0.16 m^3/T Sponge Iron	0.17 m^3/T Sponge Iron
Rolled Product (Structural Steels)	0.05 m^3/T Structural Steels	0.05 m^3/T Structural Steels

For AIC IRON INDUSTRIES PVT. LTD.

Director

2. Raw Material Consumption			
Name of Raw Materials	Name of Products	Consumption of Raw material per unit of out put	
		During the previous financial year (2023-2024)	During the current financial year (2024-25)
1) Iron Ores/Pellet 2) Coal 3) Dolomite	Sponge Iron	1.364 T/T 0.900 T/T 0.027 T/T	1.366 T/T 0.920 T/T 0.029 T/T
1) Sponge Iron 2) Pig Iron /Scrap 3) Ferro Alloys	Billets	1.182 T/T 0.478 T/T 0.015 T/T	1.184 T/T 0.471 T/T 0.017 T/T
1) In house Billets	Strips & Pipes	1.105 T/T	1.105 T/T

PART – C Pollution discharged to environment/unit of output (Parameters as specified in the consent issued)				
S. N.	Pollutants	Quantity of pollutants discharged	Concentrations of pollutants in discharges (mg/Nm^3)	Percentage of variation from prescribed standards with reason
a.	Water (Domestic Effluent)	26 KLD through Septic Tank - Soak Pit system	-	No variation
b	Air	PM - 56 TPD	<30 mg/Nm^3	No variation

PART – D HAZARDOUS WASTE [as specified under Hazardous Wastes (Management & Handling) Rules 1989]			
Hazardous Wastes		Total Quantity (in Kg)	
		During the previous Financial year	During the current Financial year
a.	From Process	No Hazardous waste produced.	No Hazardous waste produced.
b.	From Pollution Control Facilities	Nil	Nil

For AIC IRON INDUSTRIES PVT. LTD.

Director

PART – E SOLID WASTES			
Solid Wastes		Total Quantity	
		During the previous Financial year (April, 2023 to March, 2024)	During the current Financial year (April,2024 to March,2025)
a.	From process	➢ Slag from Induction Furnaces – 2470 TPA ➢ Dolochar from Sponge Iron Plant - 30,000 TPA	➢ Slag from Induction Furnaces – 9150 TPA ➢ Dolochar from Sponge Iron Plant - 30,500 TPA
b.	From pollution control facility	NA	NA
c.	1. Quantity recycled or re-utilised within the unit 2. Sold 3. Disposed	➢ Slag from Induction Furnaces is being used in Land filling / Road making purposes. ➢ Dolochar will be used in Power generation.	➢ Slag from Induction Furnaces is being used in Land filling / Road making purposes. ➢ Dolochar will be used in Power generation.

PART – F
Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.
The solid waste which are generated from various sources mainly slag from Induction Furnaces and Dolochar from Sponge Iron Plant, belongs in the group of non-hazardous categories.

PART – G Impact of pollution abatement measures on conservation of natural resources and on the cost of production
1. There are 3 nos. hood & one common stack attached with 3x15 T Induction Furnaces for continuous emission of PM only. To reduce dust emissions, Bag Filters has been used with the stack. 2. One stack is attached with 1x400 TPD capacity Sponge Iron Plant for continuous emission. To reduce dust emissions, ESP has been used with the stack. 3. Diesel Generator sets is being used during the power failure. 4. Under "Zero discharge" concept no industrial effluent discharge outside the plant premises. Treated industrial waste water is being used in the plant premises. Domestic waste water is being treated through Septic Tank - Soak Pit system. 5. To reduce the use of conventional source of energy for conservation of natural resources, the Company has taken several measures.

For AIC IRON INDUSTRIES PVT. LTD.

Director

PART – H Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution
PART – I Any other particulars for improving the quality of environment.
1. There is water spray arrangement to control fugitive emissions. 2. Bag Filters, ESP etc. is provided with the stacks with desired capacity. 3. The company has developed green belt within the plant area. 4. World environment day is celebrated to promote awareness of environment issues.

For AIC IRON INDUSTRIES PVT. LTD.

Director