

FORM – V (See rule 14) Environmental Audit Report for the Financial year ending the 31 st March 2023			
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, 4 th Floor, Kolkata-700 013, West Bengal	
2.	Industry category Primary (STC Code), Secondary (STC Code)	Existing Steel Plant (Secondary)	
3.	Production Capacity – Units	The unit Configuration & current Production capacity (as per valid CTO) is presented below, Induction Furnaces (1X3 T + 1 X 6T+1x15 T) : 78300 TPA Billets	
4.	Year of establishment	2007	
5.	Date of last environmental statement	-	
PART - B			
1	Water Consumption m ³ /day process		
		Financial Year (2021-2022) (in m ³ /day)	Financial Year (2022-23) (in m ³ /day)
	Cooling	7 m ³ /day	7 m ³ /day
	Domestic	3 m ³ /day	3 m ³ /day

For AIC Iron Industries (P) Ltd


Director

	Name of Products	Water consumption per unit of products	
		During the previous financial year (2021-2022)	During the current financial year (2022-23)
2.	Billets	0.27m ³ /T	0.28 m ³ /T
3.	Raw Material Consumption	Consumption of Raw material per unit of out put	
	Name of Raw Materials	Name of Products	
		During the previous financial year (2021-2022)	During the current financial year (2022-23)
	1) Sponge Iron	1.150 T/T	1.180 T/T
	2) Pig Iron /Scrap	0.468 T/T	0.477 T/T
	3) Ferro Alloys	0.015 T/T	0.015 T/T

PART – C Pollution Generated (Parameters as specified in the consent issued)			
	Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reason
a	Water (Domestic Effluent)	2.5 KLD through Septic Tank - Soak Pit system	No variation
b	Air	PM <50 mg/Nm ³ for Induction Furnaces	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

**PART – E
Solid Wastes**

For AIC Iron Industries (P) Ltd 2

Director

		Total Quantity	
		During the previous Financial year (April, 2021 to March, 2022)	During the current Financial year (April, 2022 to March, 2023)
a.	From process	➤ Slag from Induction Furnaces - 1680 TPA	➤ Slag from Induction Furnaces – 1680 TPA
b.	From pollution control facility	NA	NA
c.	Quantity recycled or re-utilized.	➤ Slag from Induction Furnaces is being used in Land filling / Road making purposes.	➤ Slag from Induction Furnaces is being used in Land filling / Road making purposes.
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 3 Furnaces slags, belongs in the group of non hazardous category.			
PART – G			
Impact of pollution control measures on conservation of natural resources and consequently on the cost of production			
<ol style="list-style-type: none"> 1. There are 3 nos.hood & common stack attached with Induction Furnaces for continuous emission of PM only. 2. To reduce dust emissions, Bag Filters 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. 			
PART – H			
Additional investment proposal for environmental protection including abatement of pollution			
The Environment (Protection) Rules 1986			
PART – I			
Miscellaneous			
Any other particulates in respect of environment protection and abatement of pollution			
1.	There is water spray arrangement to control fugitive emissions.		
2.	Bag Filters is provided with the stack 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 (P) Ltd
Director