

FORM - V

(See rule 14)

Environmental Audit Report for the Financial year ending the 31st March 2024**PART - A**

1.	Name & address of the owner/occupier of the industry, operation or process.	M/s HMB Ispat Pvt. Ltd. Address of Existing Plant: Village: Palitpur, Mouza & P.O. : Mirzapur, P.S. & District: Purba Burdwan, West Bengal Address of Head Office: Godrej Genesis, Unit No.: 1103, 11th Floor, Block EP & GP, Sector-V, Salt Lake City, Kolkata-700091
2.	Industry category Primary (STC Code), Secondary (STC Code)	Secondary Process (Red Category). Production of Billets (1,40,400 TPA) from 2x7 T +1x10 T + 1x15 T Induction Furnaces & Rolled Product (1,38,000 TPA) from Rolling Mill.
3.	Production Capacity – Units	The unit Configuration & current Production capacity is presented below, 1. Induction Furnaces (2x7 T +1x10 T + 1x15 T) : 1,40,400 TPA Billets 2. Rolling Mill : 1,38,000 TPA TMT Bars & Sectional Steel
4.	Year of establishment	23 rd June, 2005
5.	Date of last environmental statement	-

PART - B

1	Water Consumption m ³ /day process		
		Financial Year (2022-2023) (in m ³ /day)	Financial Year (2023-24) (in m ³ /day)
	Cooling	20 m ³ /day	20 m ³ /day
	Domestic	4 m ³ /day	4 m ³ /day



	Name of Products	Water consumption per unit of products		
		During the previous financial year (2022-2023)	During the current financial year (2023-24)	
2.	TMT Bars & Sectional Steel	0.05 m ³ /T	0.05 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 (2022-2023)	During the current financial year (2023-24)
	1) Sponge Iron 2) Pig Iron /Scrap 3) Ferro Alloys	Billets	1.140 T/T 0.462 T/T 0.013 T/T	1.160 T/T 0.465 T/T 0.014 T/T
	1) Billets	TMT Bars & Sectional Steel	1.02 T/T	1.02 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)	3 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			
		Total Quantity	
		During the previous Financial year (April, 2022 to March, 2023)	During the current Financial year (April, 2023 to March, 2024)
a.	From process	> Slag from Induction Furnaces - 6,000 TPA	> Slag from Induction Furnaces - 6,040 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 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



1. There are 2 nos. hood & common stacks attached with Induction Furnaces for continuous emission of PM only.
2. To reduce dust emissions, Bag Filters has been used with the stacks.
3. Two 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

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| 1. | There is water spray arrangement to control fugitive emissions. |
| 2. | Bag Filters 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. |

