FORM-V

ANNUAL ENVIRONMENTAL STATEMENT
(Rule 14 of The Environment Protection 1986)

Environmental Statement for the financial year ending with 31st March 2023

PART-A

i. Name and address of the owner occupier of the industry operation or process.	: - Mr. Hitesh Abrol Managing Director Allied Recycling Limited, VPO: Budhewal, Chd. Road, Ludhiana – 141112.
ii. Industry category Primary	:- Red - Large
iii. Production category	:- Iron and Steel-Steel Billet & Wire Rod
iv. Year of establishment	: - 2004
v. Date of the last environmental statement submitted.	: - 29/03/2023

PART - B

Water and Raw Material Consumption:

i. Water consumption in m^3 /d (@ 365 days / year)

Process: 0 m^3/day

Cooling: 6 m^3/day

Domestic: 12 m^3/day

Name of Products	Specific Water consumption per unit of products	
	During the financial year (2021-22)	During the financial year (2022-23)
Steel Billet (m^3 /MT)	0.18	0.17
Wire Rod (m^3 /MT)	0.004	0.004

ii. Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
Iron Scrap/ Sponge Iron (MT)	Steel Billet	1.073	1.028
Ferro Alloys (MT)		0.011	0.009
Steel Billet (MT)	Wire Rod	1.028	1.023

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

a. Water Environment:

There is no Trade effluent generated from the process. Water is required for human consumption as well as for cooling of copper coils of the furnace crucible. Water requirements are met from own existing tube well. To meet with any contingency, overhead water tanks are constructed. Entire water from cooling process is re-circulated for which Water Recirculation Tanks are made and Cooling Towers are installed to arrest evaporation. There is no effluent discharge to outside the premises and hence no effluent samples were collected by PPCB during the period.

Sewage effluent generated is treated through septic tank and followed by irrigation to green belt.

b. Air Environment

i) Details of the Stack Emission from the Plant

The details of the average Stack Emission for the year 2022-23 are given under.

Pollutants prescribed	Prescribed the Limits	Quantity of pollution Discharged (kg/day)	Con. of pollution in Discharged (mg/Nm^3)	% of variation from Prescribed Standards with
SPM	**150 mg/ Nm^3**	30.81	105	Zero % variation

PART-D HAZARDOUS WASTES
As specified under Hazardous and other Wastes (Management & Transboundary Movement) rules 2016

a. From Process

Hazardous Wastes	Authorization Qty as per HWMR (KL/Annum)	Total Quantity (MT)	
		During the current financial year (2021-22)	During the current financial year (2022-23)
5.1 - Used / Spent oil	3.6	3.00	3.20

Used/spent oil is consumed in-house for lubrication of machines.

b. From Air Pollution Control Devices

Hazardous Wastes	Authorization Qty as per HWMR (MT/Annum)	Total Quantity (MT)	
		During the current financial year (2021-22)	During the current financial year (2022-23)
Schedule I 35.1-Exhaust Air or Gas cleaning residue	10.50	5.545	8.874

Exhaust Air/Gas cleaning residue from Air pollution control Devices is collected and stored in Bags. The collected residue is disposed to PPCB's authorised recycler.

PART - E

SOLID WASTES: (Generation)

Solid Wastes	Total Quantity (MT) Generation	
	During the previous financial year (2021-22)	During the current financial year (2022-23)
a. From Pollution Control Devices:		
Schedule I 35.1-Exhaust Air or Gas cleaning residue	5.545	8.874

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.

Sl. No.	Description of the Waste	Characteristics	Disposal Quantity (TPA)	Method of Disposal
Hazardous Waste				
1	Schedule I 35.1-Exhaust Air or Gas cleaning residue.	Hazardous	10.880	Sent to PPCB authorized Recycler
2	Used / Spent oil (KL / Year)	Hazardous	3.2	**Used/spent oil is consumed in-house for lubrication of machines.**

PART-G

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

Most of the pollutants generated are controlled at source by Air pollution control Devices like Bag filters, Electro Static Precipitator and Water Sprinklers. Operation and Maintenance of pollution control equipment increases the manufacturing cost of Steel Billet. The solid waste (other than hazardous waste) is used for landfill and people in the vicinity of factory are allowed to lift solid waste for landfill.

PART - H

Additional measures / investment proposal for environmental protection including abatement of pollution.

- The Company has earmarked Rs.12.00 Lakh for upkeep of APCD's to be spent during the year 2023-24.
- Green belt to be developed with about 400 saplings.

PART - I

MISCELLANEOUS

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

Allied Recycling Limited has planned to develop green belt to control the noise level and dust emission out of the boundary. Allied Recycling Limited is committed to improving the quality of life of the community. Our focus on all round improvement of the Community through our Corporate Social Responsibility (CSR) and CER. The company has a robust CSR policy with emphasis on areas like, Animal Welfare, Livelihood Initiatives, Education, Eradication of Hunger, Health Care, Infrastructure and Environment. Our strong association with Stakeholders i.e. local leaders and partnership with NGO's helps us to understand the community needs and widen our reach. The Company has spent Rs. 11,75,000.00 under CSR & Rs. 2,25,000.00 donation to NGO's during the FY 2022-23. The Company has earmarked Rs. 16,00,000.00 to be spent under CSR and allied activities during the FY 2023-24.