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Allied Recycling Limited

Manufacturers of :
ALLOY & NON ALLOY STEEL BILLETS,
WIRE ROD & ROUND
CIN : U27100PB2003PLC026583



O/C

June 25, 2024

To

Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-1, Ludhiana.

Sub: Submission of Annual Environmental Statement in FORM-V for the FY 2023-24.

Dear Sir,

Please find enclosed herewith Annual Environmental Statement in FORM-V for the Financial Year ended on 31st March, 2024.

Please acknowledge receipt.

Thanking you,
For Allied Recycling Limited

(Hitesh Abrol)
Managing Director



Recd @ 28/6/2024

FORM-V

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

Environmental Statement for the financial year ending with 31st March 2024

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. : - 22/06/2023

PART - B

Water and Raw Material Consumption:

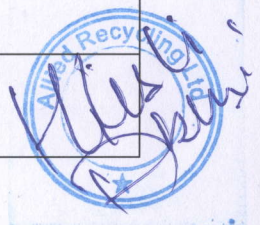
i. Water consumption in m³ /d (@ 365 days / year)

Process: 0 m³/day
Cooling: 6 m³/day
Domestic: 12 m³/day

Name of Products	Specific Water consumption per unit of products	
	During the financial year (2022-23)	During the financial year (2023-24)
Steel Billet (m ³ /MT)	0.17	0.18
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 (2022-23)	During the current financial year (2023-24)
Iron Scrap/ Sponge Iron (MT)	Steel Billet	1.028	1.030
Ferro Alloys (MT)		0.009	0.008
Steel Billet (MT)	Wire Rod	1.023	1.031



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 2023-24 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 Standardswith
SPM	150 mg/ Nm ³	54.43	55 & 108*	Zero % variation

(As per Air Analysis Report provided by PPCB. Samples of two stakes were collected taken on 24.01.2024)

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 (KL)	
		During the current financial year (2022-23)	During the current financial year (2023-24)
5.1 - Used / Spent oil	3.6	3.20	3.10

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 (2022-23)	During the current financial year (2023-24)
Schedule I 35.1-Exhaust Air or Gas cleaning residue	10.50	8.874	19.867

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 (2022-23)	During the current financial year (2023-24)
a. From Pollution Control Devices:		
Schedule I 35.1-Exhaust Air or Gas cleaning residue	8.874	19.867

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	17.770	Sent to PPCB authorized Recycler
2	Used / Spent oil (KL / Year)	Hazardous	3.10	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.10.00 Lakh for upkeep of APCD's to be spent during the year 2024-25.
- Green belt to be further developed with about 800 saplings.



PART - I

MISCELLANEOUS

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

Allied Recycling Limited has developed 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, Child Welfare, Sports, 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. 14,95,000.00 under CSR & Rs. 28,000.00 donation to NGO's during the FY 2023-24. The Company has earmarked Rs. 19,00,000.00 to be spent under CSR and allied activities during the FY 2024-25.

For Allied Recycling Limited

Director