



**Vardhmān**

Delivering Excellence. Since 1965.

**VARDHMAN SPECIAL STEELS LIMITED**

C-58, FOCAL POINT  
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VSSL/2024/PPCB/122652

Date 30/5/24

To

The Environment Engineer -I  
Punjab pollution Control Board  
Regional Office -I  
E-648-B- Phase V  
Focal Point  
Ludhiana


Subject - Submission of Environment Statement for the year 2023-24

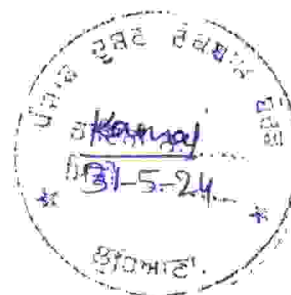
Dear Sir

Please find enclosed the environment statement ( From V ) for the year  
ending on 31 March 2024

Thanking you

Yours Faithfully  
For Vardhman Special Steels Limited

  
Amit Dhawan  
Sr Manager



YARNS | FABRICS | THREADS | GARMENTS | FIBRES | **STEELS**

REGISTERED OFFICE: CHANDIGARH ROAD, LUDHIANA - 141010 | PAN NO.: AADCV4812B CIN: L27100PB2010PLC033930  
WWW.VARDHMANSTEEL.COM

**FORM – V (See rule – 14)**  
**Environment Statement for the Financial Year ending 31<sup>st</sup> March -2024**  
**PART – A**

1.Name and address of the owner/occupier of the industry/ operation or process	<b>Mr. Sachit Jain</b> Vice Chairman & Managing Director Vardhman Special Steels Ltd. C-58, Focal Point Ludhiana – 141010
Name of the Factory Manager	<b>Mr. R. K Rewari</b> Executive Director Vardhman Special Steels Ltd. C-58, Focal Point, Ludhiana – 141010 Tel – 0161-2670707-09
Industry Category: Primary (STC Code) Secondary (STC Code)	--
Production Capacity - Units	2,80,000 TPA
Year of Establishment	1973
Date /Letter No of Last environmental statement submitted	13.5.23/ VSSL /PPCB/2023/121279

**PART – B**

**Water and Raw Material Consumption**

**1. Water Consumption M<sup>3</sup> / day.**

	Water consumption in 2022-23	Water consumption 2023-24
Cooling	722.8 KL/d	631.4 KL/D
Domestic	17.3 KL/day	17.40 KL/day
Other		

Sl. No	Name of the products	Process water consumption per unit of product output.	
		During the previous financial year 2022-23	During the current financial year 2023-24
1.	Billets/RP	1.08 M <sup>3</sup> / Ton	0.99 M <sup>3</sup> / Ton



2. **Raw Material Consumption**

Sl. No	Name of the Raw Material	Name of the product	Raw Materials consumption per unit production output.	
			During the previous financial year 2022-23	During the current financial year 2023-24
1.	Sponge Iron, DR, Shredded Scrap, Pig Iron End Cuttings & Ferro Alloys etc.	Billets	1.12 MT	1.13 MT

**PART - C**

**Pollution discharged to environment / unit of output.**

S.no	Pollutants	Quantity of Pollution generated (SPM)	Percentage of variation from prescribed standards with reasons
1	EAF	12 mg/NM <sup>3</sup>	All values are within prescribed limits
2	RHF	25 mg/NM <sup>3</sup>	
3	LRF	21 mg/NM <sup>3</sup>	
4	Abrasive Dust	36.6 mg/NM <sup>3</sup>	
5	SBM	25.5 mg/NM <sup>3</sup>	
6	MHS	32 mg/NM <sup>3</sup>	

**PART - D**

**Hazardous Wastes**

**(as specified under Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008)**

S.no	Hazardous Waste/Cat	Total Quantity	
		During the previous financial year 2022-23	During the current financial year 2023-24
1	From EAF APCD 35.1	2161	2634 MT
3	Used Oil 5.1	5780 Ltrs	8830 Ltrs



**PART – E**  
**Solid Waste**

Sl. No	Solid Wastes	Total Quantity (Kg.)	
		During the previous financial year 2022-23	During the current financial year 2023-24
1.	From Process Slag	35173 MT	40504 MT
2.	From Pollution control facility	-	-
3	Quantity recycled or re utilized	-	-

**PART – F**

**Please specify the characterization (in term of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practices adopted for both these categories of wastes.**

- EAF Process Dust (being hazardous) packed into HPE bags and transported to Nimbua Greenfield every month for disposal.
- Solid waste (Non Hazardous) – slag is disposed off to cement & paver block manufactures, land fill and road making.
- Used Oil is disposed off to registered recyclers according to applicable HW rules.

**PART – G**

**Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

- Air Pollution Control Device is already installed, and bag filter has been provided. Stack of adequate height have been provided & SPM monitored regularly.
- Maintaining Green cover in and around the plant area and various locations within few kilometers.
- The cost of green cover, recurring cost of maintenance of APCD, solid waste etc. and on Environment Concerns is Rs.2,02,23,894

**PART – H**

**Additional investment proposal for environment protection including abatement of pollution in 2024-25**

- Additional 10 Acre Green area development (Miyawaki Forest) in Amritsar , Ghazipur , Ldh PAU
- Carbon Emission Study

**PART – I**

**Other Measures for Improving the Quality of Environment & Health.**

- We are providing High Quality specified dust mask to our employees to prevent dust.



- We are celebrating "Environment day" every year for creating awareness among our employees.
- Tree Plantation is done regularly by the Employees and Customers with help of District Administration and NGO and Schools
- Sprinkling water in and around the plant to suppress the dust through Anti Smog Gun
- We are providing safe drinking water to our employees.
- Regular health check-up and other tests like spirometry, PFT, colour vision and other blood tests for employees are carried out regularly.
- Inhouse Dispensary is manned by Qualified Doctors with Ambulance facility.
- Medical Check-up camps are arranged & free medicines are distributed in schools
- Special arrangements done to fight the Covid-19 pandemic. Free PPE suits distributed/Sanitization done around all areas and all precautions were taken and Face Masks given to all departments through District Administration.
- Support provided under CSR to various projects  
Free Medical Camps being organized in slums

  
Factory Manager