



Vardhman

Delivering Excellence. Since 1965.

VARDHMAN SPECIAL STEELS LIMITED

C-58, FOCAL POINT
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E: steel@vardhman.com

VSSL/2025/PPCB/ 734

Date 12.9.25

To

The Environment Engineer-1,
Punjab Pollution Control Board,
Regional Office-1,
E-648-B, Phase-V, Focal Point,
Ludhiana.

Subject:- **Submission of Environment Statement (Form-V) for the year 2024-25**

Dear Sir,

Please find enclosed the Environment Statement (Form-V) for the year ending as on 31st March 2025.

Thanking you,

Yours faithfully
For Vardhman Special Steels Limited

Amit Dhawan
Chief Manager- HR & Admin.



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 31st March 2025

PART – A

1.Name and address of the owner/occupier of the industry/ operation or process	Mr. Sachit Jain Vice Chairman & Managing Director Vardhman Special Steels Ltd. C-58, Focal Point Ludhiana – 141010
Name of the Factory Manager	Mr. Manuj Mehta Factory Manager 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	31/05/2024, vide Letter No. VSSL/2024/PPCB/122652

PART – B

Water and Raw Material Consumption

1. Water Consumption M³ / day.

	Water consumption in 2023-24	Water consumption 2024-25
Cooling	631.4 KL/day	637.4 KL/day
Domestic	17.4 KL/day	18.52 KL/day
Other		

Sl. No	Name of the products	Process water consumption per unit of product output.	
		During the previous financial year 2023-24	During the current financial year 2024-25
1.	Billets/RP	0.99 M ³ / Ton	0.94 M ³ / 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 2023-24	During the current financial year 2024-25
1.	Sponge Iron, DR, Shredded Scrap, Pig Iron End Cuttings & Ferro Alloys etc.	Billets	1.13 MT	1.10 MT

PART – C

Pollution discharged to environment / unit of output.

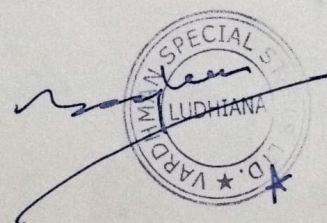
S.no	Pollutants	Quantity of Pollution generated (SPM)	Percentage of variation from prescribed standards with reasons
1	EAF	16.2 mg/NM ³	All values are within prescribed limits
2	RHF	10.8 mg/NM ³	
3	LRF	14.8 mg/NM ³	
4	SBM	13.8 mg/NM ³	
5	MHS	18.6 mg/NM ³	

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 2023-24	During the current financial year 2024-25
1	From EAF APCD 35.1	2634 MT	3636.69 MT
3	Used Oil 5.1	8830 Ltrs	3270 Ltrs



PART – E
Solid Waste

Sl No	Solid Wastes	Total Quantity (Kg.)	
		During the previous financial year 2023-24	During the current financial year 2024-25
1.	From Process Slag	40504 MT	34758 MT
2.	From Pollution control facility	-	
3	Quantity recycled or reutilized	-	

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 Re Sustainability Limited and Nimbua Greenfield every month for disposal as per norms.
- Solid waste (Non Hazardous) – slag is disposed off to cement & p aver block manufactures, land fill and road making as per compliance
- Used Oil is disposed off to registered PPCB approved 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 kilometres.
- VSSL has developed extensive green forest opposite its Steel Plant at Focal Point Ludhiana with 10000 plants and total 134900 plants have been planted at various Miyawaki forest for better environment

PART – H

Additional investment proposal for environment protection including abatement of pollution in 2025-26.

- Additional 10 Acre Green area development (Miyawaki forest) in Amrtisar and Sangrur is being done along with maintenance of existing 7 forests.
- Carbon emission study has been initiated
- Fund of 2 Crore is dedicated for green forest development/ Medical care.
- As a responsible Corporate, trainings on environment are being done regularly in coordination with experts on varoius fields and also ISO 14001 Audits are being done.
- Special drives are being done to involve the students of various schools and colleges also.



PART - I

Other Measures for Improving the Quality of Environment & Health.

- We are providing High Quality specified dust mask and other PPEs to our employees to prevent dust .
- We are celebrating "Environment day" every year for creating awareness among our employees. 1200 plants were planted on World Environment Day.
- Tree plantation is done regularly by the employees and customers with the help of District Administration, NGO and schools (Letter attached)
- Sprinkling water in and around the Plant and in outer focal point Roads to suppress the dust through Anti Smog Gun
- Health check-up and other tests like spirometry, PFT, colour vision and other blood tests for employees are carried out regularly
- Free Cataract surgery for Eye Care, Hypertension test camps and BP monitoring are done Regularly
- Spirometry and Audiometry tests for employees health and general public in slum
- In-house Dispensary is manned by qualified Doctors with Ambulance facility
- Medical check-up camps are arranged & free medicines are distributed in schools
- Support provided under CSR to various projects


Authorized Signatory