



Vardhman

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VARDHMAN SPECIAL STEELS LIMITED

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

VSSL/PPCB/2023/121279

Date: - 13.05.2023

To,
Environment Engineer – I,
Punjab Pollution Control Board,
Regional Office – 1
E-648-B, Phase – V
Focal Point, Ludhiana

Subject: - Submission of Environment Statement for the year 2022-23.

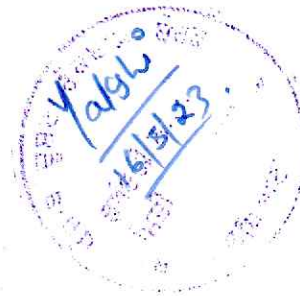
Dear Sir,

Please find enclosed the Environment Statement (From V) for the year ending 31st March 2023

Thanking You,

Yours Faithfully
For Vardhman Special Steels Ltd.

Amit Dhawan
Sr. Manager Administration



YARNS | FABRICS | THREADS | GARMENTS | FIBRES | STEELS

REGISTERED OFFICE: CHANDIGARH ROAD, LUDHIANA - 141010 | PAN NO.: AADCY4812B CIN: L27100PB2010PLC033930
WWW.VARDHMANSTEEL.COM

FORM – V (See rule – 14)
Environment Statement for the Financial Year ending 31st March -2023

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, Phase III 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	18/05/2022, wide Letter No VSSL/2022/PPCB/10824

PART – B

Water and Raw Material Consumption

1. Water Consumption M³ / day.

	Water consumption in 2021-22	Water consumption 2022-23
Cooling	686 KL/day	722.8 KL/day
Domestic	18.77 KL/day	17.3 KL/day
Other		

S. No	Name of the products	Process water consumption per unit of product output.	
		During the previous financial year 2021-22	During the current financial year 2022-23
1.	Billets/RP	1.38 M ³ / Ton	1.08 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 2021-22	During the current financial year 2022-23
1.	Sponge Iron, DR, Shredded Scrap, Pig Iron End Cuttings & Ferro Alloys etc.	Billets	1.28 MT	1.12 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	17.9 mg/NM ³	All values are within prescribed limits
2	RHF	20.6 mg/NM ³	
3	Boiler	70.5 mg/NM ³	
4	Abrasive Dust	22.9 mg/NM ³	
5	SBM	15.9 mg/NM ³	
6	MHS	19.4 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 2021-22	During the current financial year 2022-23
1	From EAF APCD 35.1	1806.1 MT	2161.04 MT
2	Used Oil 5.1	4480 Ltrs	5780 Ltrs



PART - E
Solid Waste

Sl No	Solid Wastes	Total Quantity (Kg.)	
		During the previous financial year 2021-22	During the current financial year 2022-23
1.	From Process Slag	34939 MT	35173 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 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, named Friends Oil Company and Puneet Refeneries, 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 Miyawaki forest has been developed near Plant.
- The cost of green cover, recurring cost of maintenance of APCD, solid waste etc. and on Environment Concerns is Rs. 171.14 Lacs
- Anti -smog gun/dust sprinkler system from Cloudtech has been purchased for dust suppression.
- Mechanical Sweeper from IPC Tennant has been purchased and put in use for vacuum cleaning of roads
- Use of PNG in plant to avoid/stop use of Furnace Oil.
- To reduce ground water extraction, STP has been installed.

PART - H

Additional investment proposal for environment protection including abatement of pollution in 2023-24.

- Development of more Miyawaki Forest site
- Study on Carbon Emissions
- Study on how to re-utilize or end /alternate use of Hazardous waste
- Pond water Rejuvenation project

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
- Sprinkling water in and around the plant to suppress the dust.
- 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.
- In-house Dispensary is managed by Qualified Doctors with Ambulance facility.
- Medical Check-up camps are arranged & free medicines are distributed.
- 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.
- CSR fund of Rs. 94.79 Lacs spent in the year 2022 -23 for Education, Health, Environment and Sports.

Authorized Signatory

