

FORM – V (See rule – 14)
Environment Statement for the financial year ending the 31st March -2018

PART – A

1.Name and address of the owner/ occupier of the : industry/ operation or process	
Owner	Mr. Sachit Jain Vice Chairman & Managing Director Vardhman Special Steels Ltd C-58, Focal Point Ludhiana – 141010
Name of Factory Manager	Mr. M.K.Srivastav Sr. Vice President Vardhman Special Steels Ltd C-58, Focal Point Ludhiana – 141010 Tel -0161-2670707-09
2.Industry category: Primary (STC Code) Secondary (STC Code)	--
3.Production Capacity – Units	2,00,000 TPA
4.Year of Establishment	1973
5.Date of the last environmental statement submitted	18/09/2017

PART – B

Water and Raw Material Consumption

2. Water Consumption M³ / day.

	Water consumption in 2016-17	Water consumption 2017-18
Cooling	689 KL/day	696 KL/day
Domestic	15 KL/day	15 KL/day
Other		

Sl. No	Name of the products	Process water consumption per unit of product output.	
		During the previous financial year	During the current financial year 2017-18
1.	Billets/RP	1.56 M ³ / Ton	1.38 M ³ / Ton



3. **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	During the current financial year 2017-18
1.	Sponge Iron, DR, Shredded Scrap, Pig Iron End Cuttings & Ferro Alloys etc.	Billets	1.30 MT	1.26 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	22 mg/NM ³	All values are within prescribed limits
2	RHF	56 mg/NM ³	
3	Boiler	346 mg/NM ³	
4	Abrasive Dust	18 mg/NM ³	
5	SBM	20.6 mg/NM ³	
6	MHS	10 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	During the current financial year 2017-18
1	From EAF APCD 35.1	1315.400 MT	1980.47 MT
3	Used Oil 5.1	1630 Ltrs	5250 Ltrs

PART - E

Solid Waste

Sl No	Solid Wastes	Total Quantity (Kg.)	
		During the previous financial year	During the current financial year 2017-18
1.	From Process Slag	23596 MT	25790 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 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 - bag filter has been provided. Stack of adequate height have been provided & SPM monitored regularly.
- Maintaining Green cover in and around the plant area.
- The cost of green cover, recurring cost of maintenance of APCD, solid waste etc. has been Rs.486.78 lacs – APCD provided at Material Handling System at a cost of Rs. 68 lacs.
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PART – H

Additional investment proposal for environment protection including abatement of pollution in 2018-19.

- An additional investment of Rs. 800 lacs is provided for protection of environment during our expansion plans.
- Maintenance cost of APCD for control of air emissions would be around Rs. 6 crores in 2018-19.

PART – I

Other Measures for Improving the Quality of Environment & Health.

- We are providing 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.
- We are sprinkling water in 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, color 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.

Factory Manager

