

**Half Yearly Compliance Report
2026
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name	Vardhman Special Steels Limited		
Name of Entity / Corporate Office	Ministry of Environment, Forest and Climate Change		
Village(s)	N/A		
District	LUDHIANA		
Proposal No.	IA/PB/IND/212720/2019	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	PUNJAB	Entity's PAN	*****4812B
MoEF File No.	IA-A-11011/74/2013-IA-II(I)	Entity name as per PAN	VARDHMAN SPECIAL STEELS LIMITED

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	Submission of Six Monthly Compliance Report (1st Oct, 25 to 31st March, 26) for industry namely Vardhman Special Steels Limited, C-58 Focal Point Phase III, Ludhiana for the period ending on Sept, 2025 for EC F.No. IA-J-11011/74/2023-IA-II(I), Dated. 23.06.2021
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	Ministry of Environment, Forest and Climate Change	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	27.74	27.74
Revenue Land	0	0
Forest	0	0
Others	N/A	N/A
Total	27.74	27.74

Others Area

Sr. no	Other Name	Area Granted	Area Actual
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Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Rolling Mill/ Rolled Product (Finished)	Tons per Annum (TPA)	30/06/2026	280000	242070	280000
2	Steel Melting/ Steel Billet	Tons per Annum (TPA)	30/06/2026	300000	219244	300000
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	MISCELLANEOUS	Overall emissions of PM, SOx and NO shall not exceed the values PM 357.5 kg/day SOx 846.7 kg/day and NOx 207.3 kg/day as committed by the proponent post expansion.				
PPs Submission: Complied Complied, The overall Emissions values are being adhered and the current emission level for PM is below 30 mg/Nm ³ . The test result of all stacks of plant are well within the permissible range. Our online data is continuously uploaded on PPCB and CPCB server. The Screenshot is given below		Date: 14/05/2026				
2	MISCELLANEOUS	Use of Furnace Oil as a fuel will be prohibited for the existing and expansion project post expansion. Project proponent shall use PNG for heating purposes in line with Regional Air Quality Management Strategy of Punjab Pollution Control Board.				
PPs Submission: Complied Complied, The Plant is using the Natural Gas as fuel through PNG supply from GAIL. The Gas is being used in RHF/CCM and SMS area as fuel as per CTO/EC condition. We have spent Rs. 24.16 Crore for PNG fuel consumption from 1st Oct, 2025 to 31st March, 2026. The copy of Agreement with GAIL is attached as Annexure-3.		Date: 14/05/2026				
3	MISCELLANEOUS	Particulate Matter emissions from all the stacks shall be less than 30 mg/Nm ³				
PPs Submission: Complied Agreed and Complied, The industry is maintaining PM levels less than 30 mg/Nm ³ . The Report are attached as Annexure-4.		Date: 14/05/2026				
4	MISCELLANEOUS	Specific water consumption after expansion shall maintained at 0.95 m ³ / T of steel as committed by the PP.				
PPs Submission: Complied Complied, All Efforts will be done to conserve water. We have obtained ground water NOC from the PWRDA and The water consumption is well within limits as specified in condition of ground water NOC. NOC copy attached as Annexure-5.		Date: 14/05/2026				
5	MISCELLANEOUS	300 KLD treated water from CETP of M/s. JBR technologies shall be used in expansion project.				

<p>PPs Submission: Complied Agreed and Accepted, Agreement with JBR Technologies has been signed for 300 KLD Water supply. The same is being used for greenbelt outside the VSSL campus area for watering of green belts and plantation. The Copy of Agreement is attached as Annexure-6.</p>		<p>Date: 14/05/2026</p>
6	MISCELLANEOUS	All roads shall be made Pucca and a vacuum cleaner shall be used to clean the roads.
<p>PPs Submission: Complied Agreed and Complied, Vacuum Mechanical Sweeping Machines has been purchased for plant and surrounding areas and put to use. The said vehicle used daily inside the plant. Make of the machine is IPC Tennant. In-house roads are pucca and cleaned through said machine on daily basis.</p>		<p>Date: 14/05/2026</p>
7	MISCELLANEOUS	Community Rain Water Harvesting (RWH) shall be taken up to recharge 230000 KLA of water which is more than the annual consumption of the plant.
<p>PPs Submission: Complied Agreed, The same shall be done as per compliance and we are working on it. We have written to PWRDA to advise on the method and technology for executing the same and once the approved method is shared to us, we shall do the needful.</p>		<p>Date: 14/05/2026</p>
8	MISCELLANEOUS	Green belt inside the plant at present is only 3.01 Acres. Additional 6.19-acre land inside the plant shall be covered under green belt to make it 35 . Two- acre land adjacent to the plant in the Focal Point has been given by authorities, which shall be planted and maintained by project proponent. Total green belt after this shall be 40 of the total project area.
<p>PPs Submission: Complied Agreed and Complied, Plantation /greenbelt development has been carried out widely within the plant and approx. 6.19-acre land developed and approx. 24.2 Acre area has green belt (11 forests) additional Greenbelt as per Miyawaki Technique in Focal Point, Ludhiana DMC Village Malakpur, Village Mansuram, PAU, R and D Centre Focal Point, Ludhiana Challikhoo Amritsar, Vardhman MCL Park Ludhiana, Patiala focal point and Sangrur. Copy attached as as Annexure 7.</p>		<p>Date: 14/05/2026</p>
9	MISCELLANEOUS	100 Percentge slag generated in the facility shall be utilized.
<p>PPs Submission: Complied Agreed and Complied, Slag is being utilized for the Cement Plant and Paver Work. Agreement is already done with Cement Manufacturing Unit and local paver units and slag is supplied to local vendor.</p>		<p>Date: 14/05/2026</p>
10	MISCELLANEOUS	All stock yards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.
<p>PPs Submission: Complied Agreed and Being Complied, Mobile Dust Suppression machine has been purchased from Cloud-Tech company for our steel plant to help suppress any sort of dust originating from any source and same is being used in VSSL and adjoining area of focal point roads Ludhiana and same is regularly used for plant purpose.</p>		<p>Date: 14/05/2026</p>

General Conditions

Sr.No.	Condition Type	Condition Details
1	Human Health Environment	Occupational health surveillance of the workers shall be done on a

		regular basis and records maintained.
<p>PPs Submission: Complied Agreed and Already Being Complied, The same is being fully complied and Medical checkup camp and other tests like spirometry, Audiometry, Routine checkup, RT-PCR, Eye Checkup, etc. are being done regularly and all report checked and verified by through Chief Medical Officer. Some test reports copy as evidence attached herewith as Annexure-14.</p>		<p>Date: 14/05/2026</p>
2	Statutory compliance	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount / construe to approvals/ consent/ permissions etc., required to be obtained or standards/ conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the Project.
<p>PPs Submission: Complied Agreed and accepted.</p>		<p>Date: 14/05/2026</p>
3	AIR QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install 24x7 continuous monitoring systems at process stacks to monitor stack emissions as well as Continuous Ambient Air Quality Stations (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules, 1986 as amended from time to time. The CEMS and CAAQS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specifications through Labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
<p>PPs Submission: Complied Agreed, Industry is already having CEMS at EAF and RHF and also maintaining CAAQMS. The said CEMS of EAF is connected to SPCB/CPCB servers and are calibrated on schedule by MoEF/NABL/SPCB approved Labs. Continuous Ambient Air Quality Monitoring Station of Horiba make has also been installed at site to measure air quality.</p>		<p>Date: 14/05/2026</p>
4	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
<p>PPs Submission: Complied Agreed and Complied, Same is being done on quarterly basis. The fugitive emission reports are enclosed as Annexure-8 and results are well within the permissible limit. VSSL is using the Anti Smog gun for Control Fugitive emission within and outside the plant. The photographs of ASG are attached herewith</p>		<p>Date: 14/05/2026</p>
5	AIR QUALITY MONITORING AND PRESERVATION	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, to comply prescribed stack emission and fugitive emission standards.
<p>PPs Submission: Complied Agreed and Complied, VSSL as responsible Industry has already installed the APCD on dust generating points. We have installed Fume Extraction system for capturing Primary and Secondary Emissions generated during the process at EAF and same system has been placed at LRF and MHS system also.</p>		<p>Date: 14/05/2026</p>
6	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.

<p>PPs Submission: Complied Agreed and Complied, Appropriate System has been installed with glass fibre filter for Vacuum Degassing unit of our plant. Bag cleaning facility is already provided for EAF,LRF,MHS and Shot Blasting in compliance to the norms.</p>		<p>Date: 14/05/2026</p>
7	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall ensure covered transportation and conveying of ore, coat and other raw material to prevent spillage and dust generation.</p>
<p>PPs Submission: Complied Agreed and Complied, All raw material is kept in stores within enclosed covered shed area due to which no spillage and dust generation is there.</p>		<p>Date: 14/05/2026</p>
8	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.</p>
<p>PPs Submission: Complied Complied, Primary and Secondary FES is well in place for EAF and LRF, For MHS we have a dedicated separate FES.</p>		<p>Date: 14/05/2026</p>
9	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>Wind shelter fence and chemical spraying shall be provided on the raw material stock piles</p>
<p>PPs Submission: Complied Agreed and Complied, The wind shelter wall is already made in the plant and scrap storage area. (Photo attached)</p>		<p>Date: 14/05/2026</p>
10	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, oil cellars</p>
<p>PPs Submission: Complied Agreed, The same is already existing and proper ventilation design is in place.</p>		<p>Date: 14/05/2026</p>
11	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.</p>
<p>PPs Submission: Complied Agreed and Complied, Two Piezometers have been installed at our plant premises (GWR01578 and Piezometer1). Ground Water Sampling is conducted twice a year in March and September as a part of Compliance to monitor water quality. Ground Water reports are submitted to MoEF and CC/PCB and water level data submitted to PWRDA on monthly basis. Same are enclosed as Annexure-9.</p>		<p>Date: 14/05/2026</p>
12	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run.</p>
<p>PPs Submission: Complied Agreed, Arrangements are in place to meet any such run off.</p>		<p>Date: 14/05/2026</p>
13	<p>WATER QUALITY MONITORING AND</p>	<p>Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</p>

	PRESERVATION	
<p>PPs Submission: Complied Agreed and Being Complied, Thermax make STP of 100 KLD capacity is installed in Plant and fully operational. (Photo attached)</p>		<p>Date: 14/05/2026</p>
14	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
<p>PPs Submission: Complied Agreed, the ETP is under installation. Photographs are attached herewith. The ETP will be in operational phase by 31.05.2026.</p>		<p>Date: 14/05/2026</p>
15	Noise Monitoring & Prevention	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six- monthly compliance report.
<p>PPs Submission: Complied Agreed and Being Complied, Noise levels are maintained by providing Canopy and acoustic chamber and results are within prescribed limits. Test reports are submitted to RO MoEF and CC in every Half yearly report. Reports on 18.03.2026 to 19.03.2026 are enclosed as Annexure-10.</p>		<p>Date: 14/05/2026</p>
16	ENERGY PRESERVATION MEASURES	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.
<p>PPs Submission: Complied Agreed, LED lights are placed in all Plant premises.</p>		<p>Date: 14/05/2026</p>
17	WASTE MANAGEMENT	Used refectories shall be recycled as far as possible
<p>PPs Submission: Complied Complied, The used refectories are being sent to Chardikala recycler for re-utilization as per norms.</p>		<p>Date: 14/05/2026</p>
18	WASTE MANAGEMENT	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried and briquetted and reused in melting Furnaces
<p>PPs Submission: Complied Agreed, the ETP is under installation. Photographs are attached herewith. The ETP will be in operational phase by 31.05.2026.</p>		<p>Date: 14/05/2026</p>
19	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use
<p>PPs Submission: Complied Complied, we have installed bio compost machine capacity of 50 kg/day of Biofics Pvt. Ltd. The kitchen bio degradable waste segregated at generation point and sending to compost machine and convert into manure through the compost process and which is used for green plant. Photographs Attached</p>		<p>Date: 14/05/2026</p>
20	GREENBELT	The Project proponent shall prepare GHG emissions inventory for the plant shall submit the program for reduction of the same including carbon sequestration including plants
<p>PPs Submission: Complied Agreed and Being Complied, Study for GHG / Carbon Emissions is being done through CII and</p>		<p>Date:</p>

validate by DNV and Company is very serious about carrying proper GHG Study. After the calculation/data study GHG certificate issued by DNV and same is attached as Annexure-11.		14/05/2026
21	PUBLIC HEARING	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Agreed and Complied, The Company has a proper Disaster Management Plan/ Emergency Plan for plant operations submitted with District Administration and The same is attached as Annexure-12.		Date: 14/05/2026
22	Human Health Environment	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
PPs Submission: Complied Complied, Heat Stress Analysis/GTT test is being done twice a year and PPE's are provided as per norms in respective work place. The reports enclosed as Annexure-13.		Date: 14/05/2026
23	Corporate Environmental Responsibility	The project proponent shall comply with the provisions contained in this Ministry OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
PPs Submission: Complied Agreed and Being Complied and an amount of Rs. 1.98 crore spent on CSR during 1st Oct, 2025 to 31st March, 2026. The details along with Photographs attached as Annexure-15.		Date: 14/05/2026
24	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / Wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF and CC as a part of six-monthly report.
PPs Submission: Complied Agreed and Complied. We have a well laid Environment Policy duly approved by the Board of directors. Same is enclosed as Annexure-16.		Date: 14/05/2026
25	Corporate Environmental Responsibility	A separate Environment Cell both at the Project and the Company Head quarter level, with qualified personals shall be setup under the Control of Senior Executive, who will directly to the head of the Organization
PPs Submission: Complied Agreed and complied, The company has a well developed Environment Cell/ team to cater to all requirements. The team comprises of Environment Engineer and Compliance team and EHS Head. Copy of same enclosed as Annexure-17.		Date: 14/05/2026
26	MISCELLANEOUS	The Project proponent shall make public the Environmental Clearance granted for their project along with the Environmental Clearance conditions and safe guards at their cost by prominently advertising it at least in 2 local news paper of the district or State, of which one shall be in the vernacular language within 7 days and in addition this shall be displayed in the Project proponents website permanently

PPs Submission: Complied Agreed and same is Complied		Date: 14/05/2026
27	MISCELLANEOUS	The copies of the Environmental Clearance shall be submitted by the Project proponent to the Heads of the local bodies, panchayat and municipal bodies in addition to the relevant offices of the government who in turn has to display the saying for 30 days from the date of receipt.
PPs Submission: Complied Agreed and Complied, The EC has been submitted in all government offices as specified.		Date: 14/05/2026
28	MISCELLANEOUS	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
PPs Submission: Complied Agreed and Complied, The status of the compliance is regularly uploaded on the website on half yearly basis. Last report has been submitted 04.11.2025. Online Submission of receipt enclosed as Annexure-18.		Date: 14/05/2026
29	MISCELLANEOUS	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters. Indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
PPs Submission: Complied Agreed and Complied, The PM10, SO2, NO2, Ambient results are checked on monthly and half yearly basis and result on same are put on website along with Compliance report. Test report attached as Annexure-19.		Date: 14/05/2026
30	MISCELLANEOUS	The project proponent shall submit six- monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
PPs Submission: Complied Complied, Six monthly compliance reports are being regularly submitted to R.O (MoEF and CC), Chandigarh and PPCB. Last report has been submitted 04.11.2025. Online Submission of receipt enclosed as Annexure-18.		Date: 14/05/2026
31	MISCELLANEOUS	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
PPs Submission: Complied Complied, The Form V for period of 2024-25 submitted to PPCB dated 12.09.2025 vide Letter No - VSSL/2025/PPCB/7321. Copy of same attached as Annexure - 20.		Date: 14/05/2026
32	MISCELLANEOUS	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

<p>PPs Submission: Complied Agreed, Expansion shall be completed by December 2022.</p>		<p>Date: 14/05/2026</p>
33	MISCELLANEOUS	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
<p>PPs Submission: Complied Agreed, The Company is committed for abiding by all the conditions / commitments made by it in EIA/EMP. Same are being done on regular basis.</p>		<p>Date: 14/05/2026</p>
34	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF and CC).
<p>PPs Submission: Complied Agreed, We agree and accept that, in case of any further expansion or modification a prior approval from MoEF and CC will be taken.</p>		<p>Date: 14/05/2026</p>
35	MISCELLANEOUS	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
<p>PPs Submission: Complied Agreed , We agree to the said condition</p>		<p>Date: 14/05/2026</p>
36	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
<p>PPs Submission: Complied Agreed and accepted.</p>		<p>Date: 14/05/2026</p>
37	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
<p>PPs Submission: Complied Agreed</p>		<p>Date: 14/05/2026</p>
38	MISCELLANEOUS	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.
<p>PPs Submission: Complied Agreed</p>		<p>Date: 14/05/2026</p>
39	MISCELLANEOUS	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
<p>PPs Submission: Complied Agreed</p>		<p>Date: 14/05/2026</p>

Visit Remarks

**Last Site Visit
Report Date:**

19/03/2026

**Additional
Remarks:**

Respected Sir. We are hereby submitting Six monthly EC compliance report for the period 1st Oct, 25 to 31st March, 26, along with status of compliance of the stipulated environmental conditions. All relevant details/documents are attached for your kind consideration. The test Reports on Ambient Air, Water, Soil, stacks and noise levels are also submitted along.

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.