

 <p>सत्यमेव जयते</p>	<p>STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB Ministry of Environment, Forest & Climate Change, Government of India O/o Directorate of Environment & Climate Change C/o PSCST, MGSIPA Complex, Sector 26, Chandigarh-160019 Tele-0172-2792325 Fax- 0172-2793143</p>
---	--

No. SEIAA/2019/717

REGISTERED

Date: 22/08/2019

To

M/s Vardhman Adarsh Ispat Pvt. Ltd.
Village Ambey Mazra, Mandi Gobindgarh,
District Fatehgarh Sahib-147301
Phone no:- 01765-257709

Subject: Environmental Clearance under EIA Notification dated 14.09.2006 for the expansion of steel manufacturing unit namely M/s Vardhman Adarsh Ispat Pvt. Ltd. located in the revenue estate of Village Ambey Mazra-Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab by Ashwani K. Garg (Proposal no SIA/ PB /IND /25699/2015)

This has reference to your online Proposal No. SIA/PB/IND/25699/2015 for expansion of steel manufacturing from existing 1,20,000 MTA of TMT Bars, Round Bars, Wire, Flats, Strip by rolling mill and reheating furnace to 2,00,000 MTA of Billets, Steel Ingots & Blooms by Induction Furnace (2 nos 12 TPH each) and Arc Furnace (1 x 15 TPH) along with 1,20,000 MTA of TMT Bars, Round Bars, Wire, Flats, Strip by rolling mill and reheating furnace located in the revenue estate of Village Ambey Mazra - Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab submitted to the SEIAA, Punjab for grant of Environmental Clearance under the EIA notification dated 14.09.2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, EIA report based on Additional Specific TORs and the additional clarifications furnished in response to the observations of the SEAC. The Salient features of the project proposed by the project proponent are as under:

Salient features of the project for which EC is considered

1.	Category / Item No. (in schedule)	3(a): Metallurgical Industries (Ferrous & Non Ferrous Alloys).
----	-----------------------------------	--

2.	Name and Location of the project	M/s Vardhman Adarsh Ispat Pvt. Ltd., Village Ambey Mazra, Mandi Gobindgarh, District Fatehgarh Sahib			
3.	Area Details				
	Details	Existing	Additional Land	After Expansion	
	Plot Area	28,471.25 sqm	-	28471.25 sqm	
	(i) DTP, Fatehgarh Sahib vide letter no. no. 56 DTP(FGS)/MC-62 dated 17.01.2019, has intimated that area of the industry @ 55 kanal 12 Marle, located the revenue estate of Village Ambey majra, Tehsil Mandi Gobindgarh, District Fatehgarh Sahib falls under the designated land use zone i.e. Industrial zone as per the proposals of Notified Master Plan of Gobindgarh (2010-2031)				
	(ii) The detail of the land use of the area is as under:-				
	S. No.	Land use details	Area (in sqft.)		
	1.	Existing covered area	1,08,230		
	2.	Proposed covered area	58,550		
	3.	Open area	48,291		
	4.	Road area	58,000		
	5.	Green area	20,000		
	6.	Parking area (loading & unloading)	13,280		
		Total Area	3,06,351 sqft. (or 28,471.25 sqm)		
	(iii) Expansion of the project is within the plant premises.				
	(iv) Lay out Plan showing green belt is attached as Annexure-A .				
4.	Co-ordinates of the project site	30°37'49.80"N and 76°19'8.54"E 30°37'52.24"N and 76°19'8.56"E 30°37'52.37"N and 76°18'59.77"E 30°37'48.60"N and 76°18'59.84"E			
5.	Project Cost	Rs. 25 Crores (approx.)			
6.	Raw Material requirement	Sr. No.	Status	Raw Material	Quantity (MT per annum)
		1.	Existing unit	Ingots/Billets	123600
		2.		Scrap & Ferro Alloys	3646
		3.	Proposed unit	Scrap	210105
		4.		Ferro Alloys	5003

7.	Production Capacity	2,00,000 MTA of Billets, Steel Ingots & Blooms and 1,20,000 MTA of TMT Bars, Round Bars, Wire, Flats, Strip..																		
8	Details of Machinery (i) Induction furnace (ii) Arc Furnace (iii) AOD (iv) Continuous Casting Machine (CCM) (v) Ladle Refining furnace (vi) Overhead Cranes (vii) Rolling Mill (Complete TMT Plant) (viii) Processing & Metal Recovering Plant (ix) Weighbridge 100 MT (x) Magnetic Transfer System	(i) 2 x 12 TPH each (ii) 1 x 15 TPH no. (iii) 1 no. (iv) 1 no. (v) 1 no. (vi) 7 nos. (vii) 1 no. (viii) 1 no. (ix) 2 nos. (x) 2 nos.																		
9.	Manpower	150 persons																		
10.	Water Requirements & its source	41 KLD is the total water demand which will be met through existing tubewell. The break up of the water requirement is as under:-																		
		<table border="1"> <thead> <tr> <th>Purpose</th> <th>Existing (KLD)</th> <th>Additional Proposed (KLD)</th> <th>Total (KLD)</th> </tr> </thead> <tbody> <tr> <td>Cooling Water Demand</td> <td>12</td> <td>20</td> <td>32</td> </tr> <tr> <td>Domestic Water Demand</td> <td>6.5</td> <td>2.5</td> <td>9</td> </tr> <tr> <td>Total</td> <td>18.5</td> <td>22.5</td> <td>41</td> </tr> </tbody> </table>			Purpose	Existing (KLD)	Additional Proposed (KLD)	Total (KLD)	Cooling Water Demand	12	20	32	Domestic Water Demand	6.5	2.5	9	Total	18.5	22.5	41
Purpose	Existing (KLD)	Additional Proposed (KLD)	Total (KLD)																	
Cooling Water Demand	12	20	32																	
Domestic Water Demand	6.5	2.5	9																	
Total	18.5	22.5	41																	
11.	Details of Effluent																			
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Details</th> <th>Quantity (After Expansion)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Industrial Effluent</td> <td>Nil</td> <td>No industrial effluent generated</td> </tr> <tr> <td>ii)</td> <td>Domestic Effluent</td> <td>7 KLD</td> <td>Wastewater generated from the project will be treated in the STP of capacity 10 KLD and same shall be utilized onto land for plantation.</td> </tr> </tbody> </table>				Sr. No.	Details	Quantity (After Expansion)	Remarks	i)	Industrial Effluent	Nil	No industrial effluent generated	ii)	Domestic Effluent	7 KLD	Wastewater generated from the project will be treated in the STP of capacity 10 KLD and same shall be utilized onto land for plantation.				
Sr. No.	Details	Quantity (After Expansion)	Remarks																	
i)	Industrial Effluent	Nil	No industrial effluent generated																	
ii)	Domestic Effluent	7 KLD	Wastewater generated from the project will be treated in the STP of capacity 10 KLD and same shall be utilized onto land for plantation.																	
12.	Details of Emissions																			

	Sr. No.	Source	Capacity	Chimney Height (m)	Air Pollution Control Device
	i)	Induction Furnace & Arc Furnace	2 x 12 TPH & 1x 15 TPH	30 m each	Side suction Hood and cyclone followed by Bag Filter to achieve the prescribed SPM Level.
	ii)	Rolling Mill & Reheating Furnace	340 TPH	30 m	Wet Scrubber
	iii)	DG sets	-	-	Equipped with adequate stack height & canopy
13.	Details of Hazardous waste and its disposal				
	Sr. No.	Hazardous Waste Category	Quantity (After expansion)	Disposal	
	i)	Cat.35.1 – Exhaust air or Gas cleaning Residue	As per the authorization granted under H.W Rules.	Sold to authorized recycler	
	ii)	Cat.5.1 – Used Oil	As per the authorization granted under H.W Rules.	Sold to authorized recycler	
14.	Solid waste generation and its disposal				
	Sr. No.	Solid Waste	Quantity (After Expansion)	Disposal	
	(i)	Slag	5574 kg/annurm	Utilized in road making/ landfill in low lying area or Sold to cement tile/pipes manufacturing unit.	
15.	Energy Requirements				
	i) Existing Power Demand: 3,240 KW				
	ii) Proposed Demand: 20,000 KW for which permission has already been obtained.				
	iii) 23,240 KW is total power requirement, which will be met through Punjab				

State Power Corporation Limited (PSPCL).			
16.	Environment Management Plan		
Environment Management Cell (EMC) shall be responsible for implementation of EMP which consists of Director of the company, representative of management, process-in-charge, in-charge maintenance and a representative of environmental consultant. The budgetary requirement for implementation of EMP is as under:-			
S. No.	Environmental Protection Measures	Capital Cost (Rs. in lakhs)	Recurring Cost (Rs. In lakhs/year)
1.	Pollution Control during construction stage	1.5	-
2.	Air Pollution Control (Installation of APCD)	63.5	5.0
3.	Water Pollution Control & STP	8.0	1.0
4.	Noise Pollution Control (Including cost of landscaping & green belt)	3.0	0.5
5.	Solid Waste Management	1.5	0.5
6.	Environment Monitoring & Management	3.0	1.5
7.	Health, Safety & Risk Assessment	2.0	0.5
8.	Rain Water Harvesting	1.5	0.5
9.	Miscellaneous	1.0	0.5
	Total	85.0	10.0

The case was lastly considered by the SEAC in its 177th meeting held on 13.03.2019, wherein, the Committee observed that the project proponent has provided adequate and satisfactory clarifications of the observations raised by it, therefore, the Committee awarded '**Silver Grading**' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent under EIA notification dated 14.09.2006 subject to certain conditions in addition to the proposed measures.

Thereafter, the case was lastly considered by the SEIAA in its 149th meeting held on 05.07.2019. The SEIAA observed that the case stands recommended by SEAC and the Committee awarded '**Silver Grading**' to the project proposal. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same.

Therefore, the Authority decided to grant environmental clearance under category-B with project/ activity 3(a)- Metallurgical Industries (ferrous & nonferrous) for expansion of steel manufacturing unit namely " Vardhman Adarsh Ispat Pvt. Ltd." to manufacture 2,00,000 MTA of Billets, Steel Ingots & Blooms by Induction Furnace and Arc Furnace along with 1,20,000 MTA of TMT Bars, Round Bars, Wire, Flats, Strip by rolling mill & reheating furnace in the existing premises located in the revenue estate of Village Ambey Mazra - Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab as per the details as per the details mentioned in the EIA study & subsequent presentation / clarifications made by the project proponent and his consultant with aforesaid salient features, proposed measures, conditions, subject to the conditions as proposed by the SEAC, in addition to the proposed measures. Accordingly, SEIAA, Punjab, hereby, accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to proposed measures & strict compliance of terms and conditions as follows: -

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.

- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 3151 March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.

- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. 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 recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. 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.
- vii. 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 off
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.

- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets/blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.
- iv. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- v. Provide the project proponent for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- v. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)

VII. Green Belt

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant

- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. 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.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, regarding Corporate Environment Responsibility as committed during the meeting i.e. Rs. 25 lacs shall be spent on the following activities.

S. No.	Activities	Timelines	Total Expenditure (in lakhs)
1.	Health Equipment for check up including vision, audiometry, spirometry, respiratory disorders such as manual lensmeter, audiometer, sphygmomanometer, stethoscope, spirometer etc. Free medical treatment to very poor patients as recommended by Civil Hospital , Mandi Gobindgarh	One year	4.0
2.	Skill Development Provide sewing machine to needed women through NGO's working in Mandi Gobindgarh	One year	5.0
3.	Rain water harvesting Maintenance of pond adopted in Village Mullanpur Khurd	One year	5.0

4.	Plantation Plantation & its maintenance in Health Center & Govt. Elementary School located in Village AmbeyMajra	One year	5.0
5.	Water supply & sanitation Install purifier & provide separate toilets for girls in Govt. Elementary School, AmbeyMajra and their up-keeping	One year	5.0
6.	Education Books in library of Govt. Elementary School in Village AmbeyMajra	One year	1.0
Total			25
Timeline of one year is from date of issue of EC letter.			

- ii. 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&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive/Director, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at

- their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - iii. 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.
 - iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (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.
 - v. 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.
 - vi. 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.
 - vii. 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.
 - i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - ii. 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.
 - viii. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - ix. 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.

- x. The SEIAA / Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xi. The SEIAA / Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xii. 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.
- xiii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xiv. 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.

ADDITIONAL SPECIFIC CONDITIONS DECIDED DURING MEETING OF SEAC

- i. The project proponent shall submit a certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located.
- ii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- iii. The project proponent shall obtain necessary permissions from the Central Ground Water Authority (CGWA)/ State Ground Water Authority (SGWA)/concerned authority for the abstraction of ground water for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional ground water for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that:-

- a) In the projects where ground water is proposed as water source, the project proponent shall apply to the Central Ground Water Authority (CGWA)/ State Ground Water Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
 - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities.
- iv. The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
 - v. The project proponent shall provide STP for treatment of waste water & reutilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.
 - vi. The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
 - vii. In case of any acid pickling activity, the spent acid / effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO₄ etc. An agreement to this effect shall be made with the authorized agencies.
 - viii. The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking incorporating the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
 - ix. The project proponent shall comply with the standard operating procedures and upgradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
 - x. Whole of the vehicle movement area as well as approach road to the gate /weighing bridge shall be paved with pucca / metalled / cement concrete road to control the dust emissions expected from the vehicle movement.

- xi. The vehicles to be used for loading / unloading purpose shall not be parked along roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- xii. The project proponent shall adopt green technologies to conserve the water and energy including shearing / cutting / bundling machines. Also to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xiii. The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for expansion project.
- xiv. The project proponent shall take necessary action w.r.t. following: -
 - xv. Recovery of iron from slag before disposing it off.
 - xvi. Identify the areas for utilization of slag in scientific manner and its usage in cement / construction industry / road laying etc.
 - xvii. Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
 - xviii. The project proponent shall obtain mandatory clearances under Pollution Control laws.

**Sd-
Member Secretary**

Endst. No.718-725

Through E-mail

Date: 22/08/2019

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
4. The Deputy Commissioner, Fatehgarh Sahib.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Advisor (Environment), Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh.Adarsh Kumar Garg, Managing Director
 - b) Phone Number : 01765-257709

c) Email ID : info@vardhmanadarshispat.com

7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali
8. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi - 110003.

**Sd-
Member Secretary**