



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), PUNJAB)

To,

The -1
TATA STEEL LIMITED
BOMBAY HOUSE, 24, HOMI MODY STREET, FORT, MUMBAI, -400001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/PB/IND1/430223/2023 dated 08 Jun 2023. The particulars of the environmental clearance granted to the project are as below.

1. **EC Identification No.** EC23B008PB183863
2. **File No.** SEIAA/PB/IND/2023/EC/06
3. **Project Type** New
4. **Category** B
5. **Project/Activity including Schedule No.** 3(a) Metallurgical industries (ferrous & non ferrous)
6. **Name of Project** Proposed 0.75 Million Tonnes Per Annum (MTPA) Crude Steel Production Through EAF at Industrial Plot A-1, Kadiana Khurd Village (Adjacent to Hi-Tech Cycle Valley), Ludhiana East Tehsil, Ludhiana District, Punjab-Tata Steel Limited
7. **Name of Company/Organization** TATA STEEL LIMITED
8. **Location of Project** PUNJAB
9. **TOR Date** N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/08/2023

(e-signed)
Dr. Kamal Kumar Garg, IAS
Member Secretary
SEIAA - (PUNJAB)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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and Virtuous Environmental Single-Window Hub)



This has reference to your online proposal no. SIA/PB/IND1/430223/2022 resubmitted on 08.06.2023 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, adjacent to Hi-Tech Cycle Valley at village Kadiana khurd, Tehsil Ludhiana (East), Distt. Ludhiana, Punjab on land measuring 115 acres. The project is covered under category 'B1' of activity 3 (a); 'Metallurgical Industries (Ferrous & Non-Ferrous)' as per the Schedule appended to the EIA Notification 14.09.2006 and its subsequent amendments and requires appraisal at State level.

3) State Environment Impact Assessment Authority (SEIAA), Punjab has granted Terms of Reference (TOR) vide letter no. SEIAA/MS/2023/394 dated 10.02.2023 to the project proponent. Punjab Pollution Control Board has conducted the public hearing for the project on 28.04.2023.

4) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 on the basis of mandatory documents enclosed with application viz Form-2, EIA, EMP and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

5) As per the report of Punjab Pollution Control Board sent by vide letter no. 12281 dated 26.05.2023, no construction work of the building of the project and only work regarding boundary wall has been started.

6) This is a new project. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

Sr. No.	Item	Details	
1.	Name & Location of the project	M/s Tata Steels Ltd. Industrial Plot A-1, Kadiana Khurd, Adjacent to Hi-tech Valley, Tehsil Ludhiana (East), Distt Ludhiana, Punjab	
2.	Nature of project	Fresh EC	
3.	Latitude & Longitude	Latitude	Longitude
		30°56'50.91" N	75°59'16.38" E
		30°56'49.41" N	75°58'48.88" E
		30°56'42.66" N	75°58'39.07" E
		30°56'32.18" N	75°58'33.29" E
		30°56'19.03" N	75°58'23.51" E
		30°56'16.23" N	75°58'29.69" E

		30°56'45.80" N	75°59'20.01" E
4.	Project/activity covered	(a) B-1 (b) Metallurgical Industries (Ferrous & Non-ferrous) & Schedule 3(a) as per EIA notification-2006.	
5.	Classification/Land use pattern as per Master Plan	The site falls in approved existing Industrial zone	
6.	Cost of the project	Rs. 2590 Crores	
7.	Plot Area Details	46.53 Ha (115 Acres)	
8.	Raw Material details	Raw Materials	Proposed (TPA)
		Scrap	840000
		Lime	25000
		Dolomite	11000
		Coke	8500
		CaF2	1000
		Ferro Alloy	16000
9.	Production Capacity details	Product Name	Proposed (TPA)
		Rebars	7,50,000
10.	Details of major productive machinery/ plant	Description	Capacity
		Electric Arc Furnace	1 X 75 T
		Ladle Furnace	1 X 75 T
		Continuous Casting Machine	1* Single Strand, High Speed Billet Caster
		Rebar Mill	0.75 MT Continuous Mill
		Air Separation Unit	180 TPD
		Metal Recovery & Slag Processing Plant	0.12 MTPA
11.	Details of technology proposed for control of emissions & effluents generated from project	Details of APCD/STP	Technology
		APCD with Ladle Furnace	Fabric filters
		APCD with Arc Furnace	Bag Filters with effectiveness > 95%
		APCD with Ferro Alloys	Fume Extraction System with bag filters followed by stack of 80 mtr height
		STP of capacity 250 KLD	MBBR /MBR

		CETP of capacity 720 KLD	Primary treatment followed by Reverse Osmosis	
		2 DG sets each of capacity 1000 KVA	Equipped with canopy and adequate stack height (h+6.5) whereas 'h' is height of room	
12.	Manpower Req. (during operation phase)	450 persons		
13.	Breakup of Water Requirements & its source in Operation Phase	Process	Quantity	
			m3/Hr KLD	
		Make up Water		
		ICW -1 Cold Clear Water Tank	153	3672
		Softening Plant	12	288
		Air Separation Unit	16	384
		HVAC Makeup	5	120
		Slag Processing Unit	10	240
		DCW Cold Cont. Water Tank	34	816
		Sub-Total	230	5520
		Domestic	10	240
		Green Belt	5	120
		Fire Hydrant Clear Water storage	2	48
		Backwash Water Sump from Raw water Filtration	2.5	60
		Sub-Total	19.5	468
		Evaporation Loss from Raw Water Reservoir	0.5	12
		Sub-Total	0.5	12
Grand Total	250	6000		
Source: Punjab Small Industries & Export Corporation Limited (MOU signed between PSIECL & Tata Steel vide no. PSIEC/EE-1/860-65 dated 24.08.2022.				
14.	Waste water generation & its disposal Arrangement in Operation Phase	Description	Proposed	
		Industrial Effluent	588 KLD	
		Domestic	216 KLD	
		Mitigation Measures/Remarks		
		Will be treated in CETP of 720 KLD and same will be sent for cooling water makeup and slag cooling. Industry will follow the ZLD concept		
		Will be treated in STP of Capacity 250 KLD & same will be used in Horticulture		

15.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal.	Waste Type		Disposal	
		ETP sludge		TSDF, Nimbua	
		Used oil/ Spent oil		Authorized recyclers	
		Oily Cotton Waste		TSDF, Nimbua	
		Refractory		Authorized recyclers	
		EAF dust		Authorized recyclers	
		Mill Scale		Authorized recyclers	
16.	Solid Waste generation and its mode of disposal	Description	UOM	Total Qty.	Disposal
		EAF Slag Produced	TPA	81650	It will be supplied to manufacture of cement/concrete block, pavers, tiles, construction of roads, under proper agreement
		LF Slag Produced	TPA	19700	
		Total Slag	TPA	101350	
		EAF & LF Dust	TPA	12100	Sent to authorized TSDF
		Mill Scale from CCM & RM	TPA	2653	It will be supplied to suitable industries for re-use
		Sludge Generation from filter presses	TPA	1975	Sent to authorized TSDF
		Sludge from STP	TPA	4800	Used as manure
		Broken Refractories	TPA	4000	It will be supplied to suitable industry
		Steel Scrap from CCM and Rolling Mill	TPA	3790	In house reuse
		Total		130668	
		17.	Energy requirements & savings	a. The details of the energy are given below:	
Sr. No.	Description			Unit	Total
1.	Power load			MW	90.1
2.	D.G set			KVA	2* 1000
b. <u>Energy Saving measures:</u>					
a) LEDs will be used in place of CFL.					
b) 5 star rating/ efficient motors shall be used.					

7) As per the undertaking submitted by Project Proponent, the proposal neither requires approval/clearance under the Forest (Conservation) Act,1980 nor under the Wildlife (Protection) Act,1972. Also, no litigation is pending in respect of the land on which the project is to be developed.

8) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 249th meeting held on 12.06.2023 and 251st meeting held on 10.07.2023. The SEAC noted that the project proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

9) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for the establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, adjacent to Hi-Tech Cycle Valley at village Kadiana khurd, Tehsil Ludhiana (East), Distt. Ludhiana, Punjab on land measuring 115 acres as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant

10) The case was lastly considered by the SEIAA in its 255th meeting held on 20.07.2023 wherein SEIAA observed that the case stands recommended by SEAC. 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 the Environmental Clearance for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, adjacent to Hi-Tech Cycle Valley at village Kadiana khurd, Tehsil Ludhiana (East), Distt. Ludhiana, Punjab on land measuring 115 acres by M/s Tata Steels Limited as per the details mentioned in Form 2, EIA report and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures, conditions as proposed by SEAC and additional conditions & amended conditions as proposed by SEIAA.

11) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and 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 Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. 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.
- viii. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration 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 systems from time to time according to equipment supplier specification through labs recognized 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for 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.
- 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 the 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 mechanized 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, etc. regularly.
- viii. Recycle and reuse of 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 should be ensured.
- 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 and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. 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.

- ii. 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.
- iii. The project proponent shall practice rainwater harvesting to the maximum possible extent. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
- iv. The project proponent shall make efforts to minimize 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 the report in this regard shall be submitted to the 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 practice hot charging of slabs and billets/blooms as far as possible.
- ii. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iii. The project proponent shall provide LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. 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.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. Green belt shall be developed in an area of 15.36 ha (equal to 33% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 24000 tall saplings (minimum 6 feet height) of indigenous species such as Tun, Amaltas, Mulberry, Arjun, Jamun, Uttranjeeva, Kachnar etc. will be planted by September, 2025.

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.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

IX. Environment Management Plan

- i. The company shall have a well laid down environmental policy duly approved 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 to all / 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.
- ii. 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, who will directly report to the head of the organization.
- iii. 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 will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 138.56 Crore towards the capital cost and Rs 5.48 Crores/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in application proposal.

- iv. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report 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. Validity

- i) This environmental clearance will be valid for a period of ten years from the date of its issue or till the completion of the project, whichever is earlier.

XI. 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 of the Ministry and PPCB, 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.

- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) 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 SEAC and SEIAA.
- x) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xi) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.

XII. Additional Conditions:

- i) The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.
- ii) The Project Proponent shall install online monitoring system at inlet as well as at the outlet of each APCD for monitoring SPM.
- iii) The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh portal.
- iv) The project proponent will submit the revised EIA report incorporating the aforementioned observations of SEIAA within 60 days of grant of EC.
- v) The project proponent will plant 24000 tall plants of indigenous tree species with minimum 8 feet height and at least 2 inches girth at collar height in 15.36 ha area (33% of total project area). Plantation should be completed by September, 2025.
- vi) The project proponent will submit the detailed plan for implementing AEA activities at a cost of Rs 25.9 crores within 60 days of grant of EC. The details of the activities selected, expenditure to be incurred thereon and timelines of implementation (maximum 5 years) should be clearly specified in the plan.
- vii) The EC granted is liable to be suspended in case of failure to comply with decisions at S. No.'s iv to vi above.

12) The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.

13) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

14) Any appeal against this environmental clearance 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.

15) The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein 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.

16) This issues with the approval of the Competent Authority.

(Dr. Kamal Garg, IAS)
Member Secretary, SEIAA

Through Parivesh

Copy to: -

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh. Amit Ranjan Chakraborty, Chief Environment Manager
 - b) Mobile No. : 89294-65120
 - c) Email Id : ravi.prasoon@tatasteel.com
 - d) Email ID of Env. Consultant : janardhan@vimta.com
4. The Deputy Commissioner, Ludhiana

5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File.

(Dr. Kamal Garg, IAS)
Member Secretary, SEIAA
E-mail: seiaapb2017@gmail.com