

**Half Yearly Compliance Report
2024
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name		Proposed expansion & modernization of the Blast Furnace & Ductile Iron Pipe Plant for the ultimate production of 4.25 LTPA Liquid Metal/Pig, 3.6 LTPA Sinter, 4.0 LTPA DI Pipes, 0.288 LTPA DI Accessories, 0.9 LTPA liquid hot metal along with 5.0 MW capacity Power based on Blast Furnace Gas (Boiler), 4000 Sm³/hr Oxygen, 2200 Sm³/hr Nitrogen within the existing premises.	
Name of Entity / Corporate Office		ELECTROSTEEL CASTINGS LIMITED	
Village(s)		Bhatpara	
District		24 PARAGANAS NORTH	
Proposal No.	IA/WB/IND1/455734/2023	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	Barrackpur - II
State	WEST BENGAL	Entity's PAN	*****4975B
MoEF File No.	IA-J-11011/416/2019-IA-II(IND-I)	Entity name as per PAN	ELECTROSTEEL CASTINGS LIMITED

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office ELECTROSTEEL CASTINGS LIMITED

	Project Area as per EC Granted	Actual Project Area in Possession
Private	15.5	15.5
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	15.5	15.5

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Liquid Metal/Pig Iron	Tons per Annum (TPA)	31/12/2026	425000	282694	288000
2	Sinter Plant	Tons per Annum (TPA)	31/12/2026	360000	298749	360000
3	DI Pipes	Tons per Annum (TPA)	31/10/2028	400000	272400	273000
4	DI Accessories	Tons per Annum (TPA)	31/10/2028	28800	8932	23760
5	Captive Power Plant	MW	31/12/2026	5.0	3.25	3.25
6	Oxygen Plant	Standard Cubic meter per hour (SCMH)	N/A	4000	0	
7	Nitrogen Plant	Standard Cubic meter per hour (SCMH)	N/A	2200	0	
8	Iron Melting	Tons per Annum (TPA)	31/07/2029	90000	29750	36000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	Pellets shall be procured for using in the Blast furnace for proposed expansion. There shall be no expansion of sinter plant considering the pollution potential and space constraints for green belt development
PPs Submission: Agreed to Comply Pellets will be procured and will be used in blast furnace		Date: 03/03/2025
2	Statutory compliance	This Environmental clearance is granted subject to final outcome of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, if any, as may be applicable to this project
PPs Submission: Agreed to Comply Noted.		Date: 03/03/2025
3	Statutory compliance	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents

		submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
PPs Submission: Agreed to Comply Will be complied as per EIA/EMP report.		Date: 03/03/2025
4	MISCELLANEOUS	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEFCC in this regard.
PPs Submission: Agreed to Comply Implementation report will be submitted to IRO, MoEFCC as an when implemented		Date: 03/03/2025
5	GREENBELT	There is a dense habitation within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimize the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
PPs Submission: Agreed to Comply Environment safeguard measures will be taken. Greenbelt will be strengthened.		Date: 03/03/2025
6	MISCELLANEOUS	River Hooghly is at distance of about 1.2 km from the project site in West direction. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters along with soil conservation scheme and multiple erosion control measures shall be implemented
PPs Submission: Agreed to Comply To be followed		Date: 03/03/2025
7	Statutory compliance	Total water requirement of 3100 cum/day shall be met from Ground water after obtaining necessary permission from the Competent Authority. As committed, PP shall shift to industrial water supply from local municipality once the same is available.
PPs Submission: Complied Ground water withdrawal permissions from competent authorities received.		Date: 03/03/2025
8	AIR QUALITY MONITORING AND PRESERVATION	PP shall implement stringent action plan to minimize the level of particulate matter.
PPs Submission: Agreed to Comply Will be complied.		Date: 03/03/2025
9	GREENBELT	Three tier Green Belt shall be developed in 40 percent of the project area including 5.0 acres of land outside the main plant, as committed, all along the project site in a period of one year of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising

		of total of 6 rows of 2x2 m plantation with tall trees and broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution and noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEFCC
PPs Submission: Being Complied Greenbelt development will be complied. 5 acres had been acquired and plantation started.		Date: 03/03/2025
10	Corporate Environmental Responsibility	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 5.02 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEFCC
PPs Submission: Being Complied Socio-economic development already started. Will be complied as per EMP		Date: 03/03/2025
11	Corporate Environmental Responsibility	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.
PPs Submission: Agreed to Comply Village adoption programme to be complied.		Date: 03/03/2025
12	MISCELLANEOUS	Project proponent shall comply with the following requirements in respect to the operation of the existing unit: a. Mechanize the sludge handling in the ETP by installing filter press. b. Install tertiary treatment in ETP to achieve Zero Liquid discharge. c. Install compact STP and recycle the treated domestic wastewater for process/green belt. d. Install digital pressure drop indicator in the zinc dust filter area with alarm system in event of sudden pressures drop across the bag house. e. Provision for run off control and water spraying system in raw material storage yard shall be provided. f. Green belt developed in the existing unit needs further improvement by planting suitable local species with 15-20 m width and density of 1000 trees per acres all along periphery of the plant and inside the railway siding. g. Project proponent shall install Continuous Emission Monitoring System (CEMS) for the existing process stacks and Continuous Ambient Air Quality Monitoring Station (CAAQMS) to monitor the stack emission and AAQ level.
PPs Submission: Agreed to Comply a) Mechanized sludge handling by filter press will be complied. b) To be done c) Compact STP to be installed d) Install digital pressure drop indicator in the zinc dust filter area with alarm system will be complied e) Will be complied f) Improvement in Greenbelt development to be complied g) Will be adhered to		Date: 03/03/2025
13	WATER QUALITY MONITORING AND PRESERVATION	PP shall augment the capacity of existing ETP to meet the requirement of treatment of additional process wastewater
PPs Submission: Agreed to Comply Existing ETP capacity augmentation will be complied		Date: 03/03/2025
General Conditions		

Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
2	AIR QUALITY MONITORING AND PRESERVATION	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.
PPs Submission: Agreed to Comply Sampling facility at process stacks will be provided as per CPCB guidelines		Date: 03/03/2025
3	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas.
PPs Submission: Agreed to Comply Providing LED lights in their offices and residential areas will be complied		Date: 03/03/2025
4	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.
PPs Submission: Agreed to Comply We will adhere to compost and convert kitchen waste in bio gas plant		Date: 03/03/2025
5	Statutory compliance	This Environmental clearance is granted subject to final outcome of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, if any, as may be applicable to this project.
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
6	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.
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
7	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 02 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be 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.

PPs Submission: Agreed to Comply We will abide by installation 24x7 continuous emission monitoring system at process stacks and Continuous Ambient Air Quality Station (CAAQMS)		Date: 03/03/2025
8	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area covering upwind and downwind directions.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
9	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
10	AIR QUALITY MONITORING AND PRESERVATION	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
PPs Submission: Agreed to Comply Mobile or stationery vacuum cleaners shall be provided		Date: 03/03/2025
11	AIR QUALITY MONITORING AND PRESERVATION	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
12	AIR QUALITY MONITORING AND PRESERVATION	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
13	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
PPs Submission: Agreed to Comply To be complied as per CREP guidelines of CPCB		Date: 03/03/2025
14	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.

PPs Submission: Agreed to Comply To be followed		Date: 03/03/2025
15	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, so as to comply prescribed stack emission and fugitive emission standards.
PPs Submission: Agreed to Comply We will abide by installation of Appropriate Air Pollution Control (APC) system to mitigate stack and fugitive emissions		Date: 03/03/2025
16	AIR QUALITY MONITORING AND PRESERVATION	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
PPs Submission: Complied Presently done in our plant		Date: 03/03/2025
17	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
18	AIR QUALITY MONITORING AND PRESERVATION	Ductile Iron (DI) plant shall have the following provisions: a. Bag filter for Zn coating and Mg converter area. b. Wet scrubbers in paint and bitumen coating area. c. Bag Filter in Cement lining area. d. PTFE dipped bags shall be used in the plant. e. PM emissions from BF in Zinc coating area shall be 5 mg/Nm ³ . f. ETP with recycling facility shall be included.
PPs Submission: Agreed to Comply a) Bag filters to be provided for Zn coating and Mg converted area b) NA c) To be complied d) To be complied e) To be done f) ETP recycling facility already present		Date: 03/03/2025
19	AIR QUALITY MONITORING AND PRESERVATION	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5 percent quartz as per Indian Factories Act, 1948.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
20	AIR QUALITY MONITORING AND PRESERVATION	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
PPs Submission: Agreed to Comply Providing of Wind shelter fence and chemical spraying will be complied		Date: 03/03/2025
21	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, absorbers, and biological degradation. Controlling emissions related to transportation shall include emission

		controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
22	AIR QUALITY MONITORING AND PRESERVATION	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
PPs Submission: Agreed to Comply We will conform to Bag filter cleaning on regular interval and monitoring efficiency at regular interval		Date: 03/03/2025
23	AIR QUALITY MONITORING AND PRESERVATION	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
PPs Submission: Agreed to Comply We will comply to installation of Water Sprinklers/Water mist system near raw material yards, operational units and other strategic locations		Date: 03/03/2025
24	AIR QUALITY MONITORING AND PRESERVATION	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
25	AIR QUALITY MONITORING AND PRESERVATION	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
26	Noise Monitoring & Prevention	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
PPs Submission: Agreed to Comply We will adhere to ambient noise level standards prescribed under E(P)A Rules, 1986		Date: 03/03/2025
27	Noise Monitoring & Prevention	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025

28	ENERGY PRESERVATION MEASURES	Practice hot charging of slabs and billets/blooms as far as possible
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
29	ENERGY PRESERVATION MEASURES	Ensure installation of regenerative type burners on all reheating furnaces.
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
30	AIR QUALITY MONITORING AND PRESERVATION	Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEFCC along with the six monthly compliance report.
PPs Submission: Agreed to Comply We will comply for installation of online stack monitoring system		Date: 03/03/2025
31	AIR QUALITY MONITORING AND PRESERVATION	Low NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
32	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
PPs Submission: Agreed to Comply We are setting up ZLD		Date: 03/03/2025
33	WATER QUALITY MONITORING AND PRESERVATION	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
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
34	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply We will provide Garland drains and collection pits arrest the run-off in the event of heavy rains check the water pollution due to surface run off.		Date: 03/03/2025
35	WATER QUALITY MONITORING AND PRESERVATION	Water meters shall be provided at the inlet to all unit processes in the plants

PPs Submission: Agreed to Comply We will comply to install Water meters at the inlet to all unit processes		Date: 03/03/2025
36	WATER QUALITY MONITORING AND PRESERVATION	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
37	WATER QUALITY MONITORING AND PRESERVATION	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
PPs Submission: Agreed to Comply We will comply to implement Rain water harvesting		Date: 03/03/2025
38	WATER QUALITY MONITORING AND PRESERVATION	Air Cooled condensers shall be used in the captive power plant
PPs Submission: Agreed to Comply Air Cooled condensers in CPP will be complied		Date: 03/03/2025
39	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
40	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained
PPs Submission: Agreed to Comply Occupational health surveillance of the workers will be complied		Date: 03/03/2025
41	AIR QUALITY MONITORING AND PRESERVATION	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
42	ENERGY PRESERVATION MEASURES	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025

43	ENERGY PRESERVATION MEASURES	Blast Furnaces shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
44	GREENBELT	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
45	GREENBELT	Project proponent shall submit a study report on De-carbonization program, which would essentially consist of companys carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
46	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
47	PUBLIC HEARING	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented
PPs Submission: Agreed to Comply We will comply to implement emergency preparedness plan based on the hazard identification and Risk Assessment (HIRA) and Disaster Management Plan		Date: 03/03/2025
48	Human Health Environment	Provision shall be made for the housing of construction labor 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.
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
49	MISCELLANEOUS	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
PPs Submission: Agreed to Comply Will be complied		Date:

		03/03/2025
50	AIR QUALITY MONITORING AND PRESERVATION	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEFCC.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
51	MISCELLANEOUS	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 proponents website permanently
PPs Submission: Complied Granted environmental clearance is advertised in 2 local newspaper- Ei Somoy (Bengali) and The telegraph (English) on 14.05.2024. It is also displayed on company website.		Date: 03/03/2025
52	MISCELLANEOUS	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
PPs Submission: Complied Copy of clearance letter had already been submitted to concern authority and it is also put on the web site of the company.		Date: 03/03/2025
53	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: Agreed to Comply We will comply		Date: 03/03/2025
54	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: Agreed to Comply To be complied		Date: 03/03/2025
55	MISCELLANEOUS	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
PPs Submission: Agreed to Comply Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines will be complied		Date: 03/03/2025
56	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: Agreed to Comply Will be complied		Date: 03/03/2025
57	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: Agreed to Comply To be submitted		Date: 03/03/2025
58	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
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
59	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall make efforts to minimize water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
60	WATER QUALITY MONITORING AND PRESERVATION	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
PPs Submission: Agreed to Comply Zero Liquid Discharge and Sewage Treatment Plant to be complied		Date: 03/03/2025
61	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 02 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be 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.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
62	ENERGY PRESERVATION MEASURES	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles

PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
63	ENERGY PRESERVATION MEASURES	Restrict Gas flaring to less than 1 percent
PPs Submission: Agreed to Comply Restrict Gas flaring to less than 1 percentage will be complied		Date: 03/03/2025
64	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
PPs Submission: Being Complied Being complied		Date: 03/03/2025
65	WASTE MANAGEMENT	100 percent 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 Ministrys Regional Office
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
66	WASTE MANAGEMENT	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents
PPs Submission: Agreed to Comply Will be followed		Date: 03/03/2025
67	WASTE MANAGEMENT	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
PPs Submission: Agreed to Comply Dispose of the electronic waste generated in the plant will be complied as per E-waste (Management) Rule,2022 as amended		Date: 03/03/2025
68	WASTE MANAGEMENT	Solid waste utilization a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

PPs Submission: Agreed to Comply a) NA b) Will be complied c) Used refractories to be recycled		Date: 03/03/2025
69	WASTE MANAGEMENT	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100 percent reuse of rejects from Waste Recycling Plant.
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
70	WASTE MANAGEMENT	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
71	WASTE MANAGEMENT	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS
PPs Submission: Agreed to Comply Waste recycling Plant to recover scrap, metallic and flux for recycling to sinter plant will be complied		Date: 03/03/2025
72	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
PPs Submission: Agreed to Comply To be complied		Date: 03/03/2025
73	Corporate Environmental Responsibility	The project proponent shall comply with the provisions contained in this Ministrys OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
PPs Submission: Agreed to Comply A budget of Rs. 502 lakh has already been allotted to carry out CER related jobs over 3 years period. Jobs are under progress.		Date: 03/03/2025
74	MISCELLANEOUS	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 and / or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEFCC as a part of six-monthly report.

PPs Submission: Agreed to Comply Will be complied		Date: 03/03/2025
75	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
PPs Submission: Agreed to Comply Testing of heat stress at high temperature work zone and providing PPEs to all workmen to be complied		Date: 03/03/2025
76	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 (MoEFCC)
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
77	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
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
78	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
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
79	MISCELLANEOUS	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEFCC
PPs Submission: Agreed to Comply Not Applicable		Date: 03/03/2025
80	MISCELLANEOUS	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain
PPs Submission: Agreed to Comply To be followed as per EIA/EMP report		Date: 03/03/2025
81	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
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
82	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
83	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions
PPs Submission: Agreed to Comply Noted		Date: 03/03/2025
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p>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.</p>		