

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	IA/CG/IND/276148/2020
<b>Compliance ID</b>	119500184
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/119500184/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	30-04-2025
<b>RO/SRO Name</b>	Dr Senthil Kumar Sampath
<b>RO/SRO Email</b>	agmu156@ifs.nic.in
<b>State</b>	CHHATTISGARH
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Raipur

**Note:-** SMS and E-Mail has been sent to Dr Senthil Kumar Sampath, CHHATTISGARH with Notification to Project Proponent.

**Half Yearly Compliance Report****2025****01 Jun(01 Oct - 31 Mar)****Acknowledgement****Proposal Name**

Expansion of Integrated Mini Steel Plant by M/s. Ind Synergy Ltd. for Sponge Iron Plant from 3,00,000 to 6,30,000TPA, Power Plant from 24 to 99MW, SMS from 1,40,000 to 4,40,000TPA, Coal Washery from 7,20,000 to 9,00,000TPA, Iron ore crusher-14,40,000TPA & new units: Cold Pigs-3,00,000TPA, Sinter Plant-4,40,000TPA, Blast Furnace-3,00,000TPA, Pellet Plant-6,00,000TPA, Rolling Mills- 5,00,000TPA, Ductile Pipe Plant - 2,00,000TPA, Oxygen Plant-70TPD, Ferro Alloy Plant-30,000TPA & Cement Grinding- 0.5 MTPA, located at Village Kotmar and Mahuapalli, Raigarh Tehsil, Raigarh District, Chhattisgarh-

**Name of Entity / Corporate Office**

IND SYNERGY LIMITED

**Village(s)**

N/A

**District**

RAIGARH

<b>Proposal No.</b>	IA/CG/IND/276148/2020	<b>Category</b>	Industrial Projects - 1
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	CHHATTISGARH	<b>Entity's PAN</b>	*****7072D
<b>MoEF File No.</b>	J-11011/170/2007-IA.II(I)	<b>Entity name as per PAN</b>	IND SYNERGY LIMITED

**Compliance Reporting Details**

**Reporting Year** 2025  
**Remarks (if any)**  
**Reporting Period** 01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

**Name of Entity / Corporate Office** IND SYNERGY LIMITED

	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	41.4	41.4
Revenue Land	0	0
Forest	0	0
Others	62.253	62.253
Total	103.65299999999999	103.65299999999999

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Sinter	Tons per Annum (TPA)	28/02/2024	440000	20000	440000
2	Cold Pigs	Tons per Annum (TPA)	28/02/2024	300000	15000	300000

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	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.
<p><b>PPs Submission:</b> Agreed to Comply</p> <p>Noted. We shall comply with all the environmental Protection measures and all the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.</p>		Date: 28/04/2025
2	AIR QUALITY MONITORING AND PRESERVATION	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, MoEF & CC in this regard.
<p><b>PPs Submission:</b> Complied</p> <p>To capture the emitted carbon and demonstrate that the green belt is used as a carbon sink/carbon sequestration resource, 93556 plants have been developed in an area of 34.2 hectares. The carbon sink/carbon sequestration implementation report has been submitted to the IRO, MoEF CC in this regard. Annexure-2</p>		Date: 28/04/2025
3	WATER QUALITY MONITORING AND PRESERVATION	Sapnal Nala (Kharkhari River) is located at a distance of about 710m in the north eastern side of the plant site. Mitigation measures to protect the Sapnal Nala shall be implemented as submitted by PP.
<p><b>PPs Submission:</b> Complied</p> <p>A thick green belt is provided along the boundary facing towards Kharkhari River to protect the Sapnal Nala with respect to mitigation measures. Annx. -3</p>		Date: 28/04/2025
4	WATER QUALITY MONITORING AND PRESERVATION	Total water requirement of 12,237 m <sup>3</sup> /day after expansion shall be obtained from Sapnai river. No additional GW abstraction is permitted.
<p><b>PPs Submission:</b> Complied</p> <p>Total water requirement shall not exceed to 12,237 m<sup>3</sup>/day water quantity. No ground water is being used for the industrial purpose.</p>		Date: 28/04/2025
5	WASTE MANAGEMENT	Rejects from coal washery shall only be used either in the captive power plant (or) in the Thermal Power Plants meeting emission standards.

<p><b>PPs Submission:</b> Complied Rejects from coal washery are being used in 10 MW AFBC power plant.</p>		<p>Date: 28/04/2025</p>
6	WASTE MANAGEMENT	<p>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 100 % solid waste generated in the plant. c. Used refractories shall be recycled as far as possible.</p>
<p><b>PPs Submission:</b> Complied a. We have already installed and operating a slag crusher unit and pics are attached as Annx4 b. A Fly ash brick plant is operational and Fly ash bricks are being used for the construction activities of the expansion pics attached as Annx5, Annx.6 respectively. Crushed slag is provided to the interested parties and or to the Barbarik Project Pvt. an infrastructure developing company, to utilize in the Road making and other projects. Copy of the executed MOU Barbrick) are attached as Annx 7 and sale register of Slag, Dlochar as Annx8. c. We propose to set up cement grinding unit (PPC PSC) of 500000 TPA capacity, wherein 100 percent generated slag from SMS and granulated slag from Blast Furnace shall be utilized in house. Used refractories is recycled and utilised as far as possible.</p>		<p>Date: 28/04/2025</p>
7	AIR QUALITY MONITORING AND PRESERVATION	<p>Secondary fume extraction system shall be installed on converters of Steel Melting Shop.</p>
<p><b>PPs Submission:</b> Complied New bag filters are being installed to improve the secondary fume extraction system on the converters of the steel melting shop, which will be completed by May 2025. as Annx. - 9</p>		<p>Date: 28/04/2025</p>
8	ENERGY PRESERVATION MEASURES	<p>Sinter Plant shall be equipped with Sinter cooler waste recovery system and suitable technology for control of dioxins and furans emissions from the plant.</p>
<p><b>PPs Submission:</b> Complied Sinter Plant shall be equipped with Sinter cooler waste recovery system Annx 10. Suitable technology for control of dioxins and furans emissions from the plant shall be followed when production of Sinter and BF restarts..</p>		<p>Date: 28/04/2025</p>
9	ENERGY PRESERVATION MEASURES	<p>Blast Furnaces shall be equipped with Top Recovery Turbine (capacity more than 450 m3), dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.</p>
<p><b>PPs Submission:</b> Complied Top Recovery Turbine is not feasible as our Mini Blast Furnace is of 260 Cubic M capacity only, Dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility have been provided. Annx 11</p>		<p>Date: 28/04/2025</p>
10	AIR QUALITY MONITORING AND PRESERVATION	<p>Submerged Arc/Electric Arc Furnace shall be closed type with 4th hole extraction system.</p>
<p><b>PPs Submission:</b> Complied Noted. While installing Submerged Arc/Electric Arc Furnace, it will be closed type with 4th hole extraction system</p>		<p>Date: 28/04/2025</p>
11	ENERGY PRESERVATION MEASURES	<p>85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or Mixed BF/CO gas/Producer gas. 100 % hot charging to ensure energy conservation.</p>

<p><b>PPs Submission:</b> Agreed to Comply Noted. While installing SMS and Rolling Mill, it will be ensured that 85-90 percent of billets will be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or Mixed BF/CO gas/Producer gas, 100 percent hot charging to ensure the energy conservation.</p>		<p>Date: 28/04/2025</p>
12	AIR QUALITY MONITORING AND PRESERVATION	Dust emission from Steel Plant stacks shall be up to 30 mg/Nm3.
<p><b>PPs Submission:</b> Agreed to Comply Noted. Dust emission from Steel Plant stacks shall be up to 30 mg/Nm3.</p>		<p>Date: 28/04/2025</p>
13	GREENBELT	Three tier Green Belt shall be developed in a time frame of one year in atleast 33% of project area with native species all along the periphery of the project site 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. ISL shall increase the density of plantation from 1000 tree/ha to 2500 tree /ha by taking up gap plantation. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
<p><b>PPs Submission:</b> Complied Existing green belt has been developed over 34.2 Ha which is more than 33 percent of the project Area. We have already planted around 93556 Nos. of trees. Thick green belt of width of 10 m along the boundary has been developed. Species are planted in consultation with the local DFO. ISL already achieved the density of plantation to 2500 trees/ ha by taking up gap plantation and in future it will be maintained by ISL team. Plantation audit report by Nav Aasta attached as an Annx.-1</p>		<p>Date: 28/04/2025</p>
14	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
<p><b>PPs Submission:</b> Complied Greening and Paving has been implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface. Annx 13</p>		<p>Date: 29/04/2025</p>
15	MISCELLANEOUS	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
<p><b>PPs Submission:</b> Complied Noted and complied. Report of performance test of pollution control equipment has been submitted to Regional Office of the MoEF CC. Annx-14.</p>		<p>Date: 29/04/2025</p>
16	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
<p><b>PPs Submission:</b> Complied We have implemented rain water harvesting system in the plant. The water collected from the various areas is routed to rainwater harvesting pond provided in the plant. In addition to the above, rainwater harvesting pits are provided to Collect the roof top rain water from various buildings. Pics of rainwater harvesting pits are attached as Annx. -15</p>		<p>Date: 29/04/2025</p>
17	WATER QUALITY MONITORING AND PRESERVATION	The proposed project shall be designed as "Zero Liquid Discharge" Plant. No waste water will be discharged outside the plant boundary

<p><b>PPs Submission: Complied</b> Waste water generated from the plant will be treated in effluent treatment plant (ETP) and nline EQMS installed. After treatment ensuring water quality, in compliance with the CECB norms, the treated effluent will be utilized for process, cooling, dust suppression and for green belt development. Pics of ETP, PTZ camera, online EQMS and flowmeter and online EQMS Data as Annexure 16,17,18. Company follows zero discharge liquid system and will be maintained in the future too.</p>		Date: 29/04/2025
18	PUBLIC HEARING	As committed the project proponent shall adopt 4 Nos of villages namely Mohuapali, Kotmar, Siarpali and Karichchapar and implement a robust action plan to develop the villages in model villages.
<p><b>PPs Submission: Being Complied</b> The company has adopted 4 Nos. of villages namely Mahuapali, Kotmar, Siarpali and Karichchapar villages located within the 5 km radius of the plant and will develop these villages into model villages with a budget of 25 lakhs/annum for each village for the next five years.</p>		Date: 29/04/2025
19	Human Health Environment	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
<p><b>PPs Submission: Agreed to Comply</b> Noted and agreed. At present the blast furnace and sinter plant are not operational. BF and Sinter production activities started on 08th January 2024 for a brief period. Management decided to temporarily shut down the both units due to financial non-viability of Pig Iron costing. As soon as BF and Sinter production activities re- starts and production stablises, we will carry put Dioxine and Furan monitoring as per noms. Currently, we do not have cement kiln stacks at our plant either.</p>		Date: 29/04/2025
20	AIR QUALITY MONITORING AND PRESERVATION	De SOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.
<p><b>PPs Submission: Agreed to Comply</b> Noted and agreed.</p>		Date: 29/04/2025
21	AIR QUALITY MONITORING AND PRESERVATION	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.
<p><b>PPs Submission: Agreed to Comply</b> Noted and agreed.</p>		Date: 29/04/2025
22	WATER QUALITY MONITORING AND PRESERVATION	Air cooled condensers shall be used in the power plant.
<p><b>PPs Submission: Complied</b> Air-cooled condenser shall be used in the power plant. construction work of the power plant is in progress. Copy of purchase order, WO is enclosed. Annexure -19, 19.1.</p>		Date: 29/04/2025
23	WASTE MANAGEMENT	A proper action plan must be implemented to dispose of the electronic waste generated.
<p><b>PPs Submission: Complied</b> Generated electronic waste shall be provided / sold to the only authorized dealers/recyclers for disposal. Annx. 20 E waste</p>		Date: 29/04/2025
24	Human Health Environment	The Unit is existing and using quartzite, coal and coke. Therefore,

		the industry is recommended to measure silica and coal dust exposures using personal and area air samplers in process plants and to be compared with Permissible exposure limits as per Indian Factories Act, 1948. Report to be submitted to the IRO, MoEFCC.
<p><b>PPs Submission:</b> Complied</p> <p>As per Indian Factories Act, 1948, silica and coal dust exposures using personal and area air samplers in process plants has been measured at regular intervals and found to be within the prescribed limits.</p>		<p>Date: 29/04/2025</p>
25	PUBLIC HEARING	All the commitments made to the public during the Public Hearing/Public Consultation 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 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
<p><b>PPs Submission:</b> Being Complied</p> <p>Implemented and action Plan is under progress.</p>		<p>Date: 29/04/2025</p>
26	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 <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . 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.
<p><b>PPs Submission:</b> Complied</p> <p>Gazette notification, The Plastic Management Rules will be followed and observed. Awareness shall be created among people working within the Project area by workshops and posters as well as in the surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12.08.2021. Measures taken and We collected solid wastes and plastic waste from colony in 2 different garbage dustbin box (One for biodegradable waste and the other for non biodegradable waste) regularly. We compost bio-degradable waste in a pit then after composting we use as organic fertilizer for green belt, plantation. For non-degradable waste and plastic waste we disposed them with the help of local housekeeping vendors in regular interval of time period. We also conducted awareness programs and displayed posters to stop plastic use. Posters for awareness program to stop use of Plastics is attached in Annx. 21.</p>		<p>Date: 29/04/2025</p>
27	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, adsorbers, 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: Complied**

installed and the real time data is available at CECB and CPCB Portal directly. For DRI 1, 2, and 3 unit total 3 no. of ESP, total 5 no. of Bag filter unit PSB 1, 2, and for kiln 1, 2, 3 for each, For Blast furnace 2 no. of Bag filter unit, 1 set of gas cleaning plant, For Sinter plant 1 no. of ESP, 1 no. of Bag filter unit, 1 no. of Fume dedusting unit are installed, For the existing induction furnaces (SMS) 4 no.s of suction hood already provided as per CPCB norms. For the control of Fugitive dust emission, raw material handling plant Conveyor, transfer point, junction point etc. are totally covered with GI sheets. We operate crusher, ash silo, crusher as per norms and follow SOP, to control or minimized the fugitive emission. For further suppression of dust, Sprinklers, fog system with bagfilter unit installed and also for road transportation tarpaulin covered vehicles/trucks are used, also we have our own railway siding where we use mechanically covered wagons for transportation. Pics of bagfilters, ESPS and Suction hoods are attached in Annx. 22. PUC certificate of vehicles attached as Annx. 23 and Railway siding pics as Annx. 24.

Date:  
29/04/2025

**General Conditions**

Sr.No.	Condition Type	Condition Details
1	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.
<b>PPs Submission: Agreed to Comply</b> Noted and Agreed		Date: 29/04/2025
2	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
<b>PPs Submission: Complied</b> We have already installed five Nos. of continuous emission monitoring system and one No. of ambient air quality monitoring station for measuring the air quality. The CEMS and AAQMS are already integrated with the SPCB and CECB server. It is pertinent to mention that BF and Sinter are temporarily shut down. Annx. 25.1,25.2, 25.3, 25.4 25.5 Pics of CEMS station, real time data and id, password Commissioning of BF and Sinter Plant.		Date: 29/04/2025
3	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.
<b>PPs Submission: Complied</b> Fugitive emission and Ambient Air quality monitoring reports from NABL accredited laboratories are attached as Annx.-26 and 27 respectively		Date: 29/04/2025
4	AIR QUALITY MONITORING AND PRESERVATION	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions

<p><b>PPs Submission:</b> Complied As per CPCB guidelines, port holes are provided for sampling at stacks for manual monitoring of emission. Photos of port hole and Manual monitoring reports attached as Annx. 28 and 29.</p>		<p>Date: 29/04/2025</p>
5	AIR QUALITY MONITORING AND PRESERVATION	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
<p><b>PPs Submission:</b> Complied Conveyor, transfer point, junction point are totally covered with GI sheets. Annx. 30 pics of Covered storage area with GI sheet. Dust suppression system and extraction system with bag filters have already installed. Annx. 31 as pics of all Air Pollution Control (APC) system, bag filters. For the existing induction furnaces, suction hood are already provided. Annx 32.</p>		<p>Date: 29/04/2025</p>
6	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
<p><b>PPs Submission:</b> Complied Noted.</p>		<p>Date: 29/04/2025</p>
7	AIR QUALITY MONITORING AND PRESERVATION	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly
<p><b>PPs Submission:</b> Complied Housekeeping work for plant roads, shop floors and roofs are being done regularly and will be done on regular basis. Road Sweeping machine is also deployed for Housekeeping. Annx. 33 Pics of road sweeping machine</p>		<p>Date: 29/04/2025</p>
8	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.
<p><b>PPs Submission:</b> Complied Iron ore fines, coal and other fines, lime fines are collected from the pollution control devices and vacuum cleaning devices and utilized in the process.</p>		<p>Date: 29/04/2025</p>
9	AIR QUALITY MONITORING AND PRESERVATION	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
<p><b>PPs Submission:</b> Complied We use leak proof trucks, dumpers while transporting coal and other raw materials use tarpaulin to cover. Annx. 34 (Pics of tarpaulin covered vehicles transporting raw material)</p>		<p>Date: 29/04/2025</p>
10	AIR QUALITY MONITORING AND PRESERVATION	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
<p><b>PPs Submission:</b> Complied Noted. Wind shelter fence already installed around stock yard to reduce fugitive emission. Annx. 35 ( Pics of Wind shelter Fence)</p>		<p>Date: 29/04/2025</p>
11	AIR QUALITY MONITORING AND PRESERVATION	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

<p><b>PPs Submission:</b> Agreed to Comply Noted and agreed.</p>		<p>Date: 29/04/2025</p>
12	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>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 (Integrated iron &amp; Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>
<p><b>PPs Submission:</b> Complied Continuous 24x7 effluent monitoring system, connected to the real time online server of CECBhad been installed. Online effluent monitoring systems (EQMS) pics, PTZ Camera, flowmeter, Comisioning certificate of EQMS as Annx. 36</p>		<p>Date: 29/04/2025</p>
13	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.</p>
<p><b>PPs Submission:</b> Complied We have already installed Piezometer. Report of Ground water quality monitoring report from Govt.agency NABL accredited laboratories attached as Annx. 37.</p>		<p>Date: 29/04/2025</p>
14	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</p>
<p><b>PPs Submission:</b> Complied Sewage Treatment Plant has already been commissioned to treat the domestic waste water and treated waste water is being used for green belt development. Annx. 38 (Commissioning certificate of STP) Annx. 39 (Pics STP)</p>		<p>Date: 29/04/2025</p>
15	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.</p>
<p><b>PPs Submission:</b> Complied Garland drains and collection pits has been provided to arrest the run-off water. Annx.40</p>		<p>Date: 29/04/2025</p>
16	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Tyre washing facilities shall be provided at the entrance of the plant gates.</p>
<p><b>PPs Submission:</b> Complied Wheel Washing System is already installed at the entrance of the plant. Annx. 41 Pics of Wheel washing system</p>		<p>Date: 29/04/2025</p>
17	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Water meters shall be provided at the inlet to all unit processes in the steel plants.</p>

<b>PPs Submission:</b> Complied Water meters are provided for various units. Annx. 42		Date: 29/04/2025
18	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
<b>PPs Submission:</b> Complied Noise monitoring will be done as prescribed schedule and it will be submitted to the Regional Officer of the ministry. Copy of attached Noise Report is in Annx. 43.		Date: 29/04/2025
19	ENERGY PRESERVATION MEASURES	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
<b>PPs Submission:</b> Agreed to Comply During project expansion when torpedo ladle will be used for the hot metal transfer, If ladles not used, covers for open top ladles will be used.		Date: 30/04/2025
20	ENERGY PRESERVATION MEASURES	Restrict Gas flaring to < 1%.
<b>PPs Submission:</b> Agreed to Comply Noted and norms shall be followed.		Date: 30/04/2025
21	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
<b>PPs Submission:</b> Agreed to Comply Noted and we plan to install solar panels on roof top of the administrative Block and other buildings.		Date: 30/04/2025
22	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas.
<b>PPs Submission:</b> Complied LED lightings have been provided in the offices and residential areas pics are attached as Annx. 44.		Date: 30/04/2025
23	ENERGY PRESERVATION MEASURES	Ensure installation of regenerative/recuperative type burners on all reheating furnaces
<b>PPs Submission:</b> Agreed to Comply Noted. While installing reheating furnaces in the course of Expansion, regenerative or recuperative type burners will be installed.		Date: 30/04/2025
24	WASTE MANAGEMENT	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
<b>PPs Submission:</b> Agreed to Comply Noted . Agreed to comply.		Date: 30/04/2025
25	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.

<p><b>PPs Submission:</b> Complied Kitchen Waste is being composed, utilized for the gardening and green belt as fertilizer. Pic. of the pit for composed is attached as Annx. 45.</p>		<p>Date: 30/04/2025</p>
26	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.
<p><b>PPs Submission:</b> Complied GHG emissions inventory for the plant and the program for reduction of the same including carbon sequestration has been prepared and the study and programe has been submitted to IRO, MoEF CC. Annx. 2.</p>		<p>Date: 30/04/2025</p>
27	GREENBELT	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's 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.
<p><b>PPs Submission:</b> Complied GHG emission inventory and abatement programme including carbon sequestration by trees have been prepared for the plant and the same has been submitted to IRO, MoEF CC.. Annx. 2</p>		<p>Date: 30/04/2025</p>
28	Human Health Environment	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
<p><b>PPs Submission:</b> Complied Emergency preparedness plan and Disaster Management Plan has been prepared and approved by Chief Factory Inspector. The Plan is implemented accordingly.</p>		<p>Date: 30/04/2025</p>
29	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.
<p><b>PPs Submission:</b> Complied Personal Protective Equipment (PPEs) have been provided to the workmen working in heat area and high temperature work zone. Annx. 46.</p>		<p>Date: 30/04/2025</p>
30	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
<p><b>PPs Submission:</b> Complied Regular health checkup of the workers are being carried out and record is being maintained as per the Factories Act. and CG Govt. Guidelines. Report attached as Annx. 47</p>		<p>Date: 30/04/2025</p>
31	Corporate Environmental Responsibility	The project proponent shall comply with the provisions contained in this Ministry's 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.

<p><b>PPs Submission:</b> Being Complied Noted and being complied.</p>		<p>Date: 30/04/2025</p>
32	Corporate Environmental Responsibility	<p>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&amp;CC as a part of six-monthly report.</p>
<p><b>PPs Submission:</b> Complied The environmental policy approved by Board of Directors is attached as Annx. 48. For the protection of wild animals, Wild Life Conservation Action Plan has been prepared and was approved by the Chief Wild Life Warden. Annx. 49 (Copy of the Approval letter) Rs. 36.20 Lakhs has been deposited to DFO Raigarh office on dated 16/02/2023 towards the implementation of the approved Wild life Conservation plan. Annx. 50 (Copy of the Rs 36.20 Lakhs deposition letter) Regarding progress report of the wildlife conservation plan implementation, DFO Raigarh office has been contacted several times personally as well as through correspondence but no progress report of the wildlife conservation plan could be obtained. Anne 51.</p>		<p>Date: 30/04/2025</p>
33	Corporate Environmental Responsibility	<p>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.</p>
<p><b>PPs Submission:</b> Complied The company has formed a separate Environmental Management Cell with qualified personnel Annx. 53 copy of the MOM of the Environmental Management Cell.</p>		<p>Date: 30/04/2025</p>
34	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied Please find attached copy of the news Paper cuttings regarding the advertisement of the Environmental Clearance granted for the Expansion. Annx. 54.</p>		<p>Date: 30/04/2025</p>
35	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied Attached Acknowledged copies to the Sarpanch, Panchayat etc. Annx. 55.</p>		<p>Date: 30/04/2025</p>
36	MISCELLANEOUS	<p>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.</p>

<p><b>PPs Submission:</b> Complied Noted and complied.</p>		<p>Date: 30/04/2025</p>
37	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied Display of ambient parameters (PM10, SO2, NOX) at main gate entrance and display at Website has also been done. Annx. 56.</p>		<p>Date: 30/04/2025</p>
38	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied Uploaded 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. Annexed 57 Six Monthly compliance Report.</p>		<p>Date: 30/04/2025</p>
39	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied We submitted environmental statement for each financial year in Form-V to the concerned State Pollution Control Board and put on the website of the company. Uploaded on the Company Website and attached as Annx. 58.</p>		<p>Date: 30/04/2025</p>
40	MISCELLANEOUS	<p>The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project</p>
<p><b>PPs Submission:</b> Complied Blast Furnace and Sinter Plant production activities started on 08th January 2024, after After complying various stipulated conditions like Commissioning of ETP, installation of Online Continuously Emission Monitoring System (CEMS) at BF and Sinter Stacks. Commencement of BF and Sinter activities was informed to the the Regional Office as well as the Ministry. Copy of the intimation letter attached as Annx. 59</p>		<p>Date: 30/04/2025</p>
41	MISCELLANEOUS	<p>The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.</p>
<p><b>PPs Submission:</b> Being Complied Agreed and being complied.</p>		<p>Date: 30/04/2025</p>
42	MISCELLANEOUS	<p>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&amp;CC).</p>

<b>PPs Submission:</b> Agreed to Comply Agreed to comply.		Date: 30/04/2025
43	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.
<b>PPs Submission:</b> Being Complied Noted and being complied.		Date: 30/04/2025
44	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.
<b>PPs Submission:</b> Agreed to Comply Agreed to comply.		Date: 30/04/2025
45	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
<b>PPs Submission:</b> Agreed to Comply Agreed and Noted.		Date: 30/04/2025
46	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
<b>PPs Submission:</b> Agreed to Comply Agreed and Noted.		Date: 30/04/2025
47	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.
<b>PPs Submission:</b> Agreed to Comply Agreed and Noted.		Date: 30/04/2025
48	MISCELLANEOUS	The Regional Office of this Ministry shall monitor compliance of the stipulated condition nos. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
<b>PPs Submission:</b> Agreed to Comply Agreed and Noted.		Date: 30/04/2025
<b>Visit Remarks</b>		
<b>Last Site Visit Report Date:</b>		N/A

**Additional Remarks:**

**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.