

Half Yearly Compliance Report**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Iron Ore Beneficiation Plant (2x1.5 MTPA) - 3.0 MTPA, Pellet Plant (2 x 1.2 MTPA) – 2.4 MTPA, Producer Gas Plant (14 x 5000 NM3/Hr.)- 588 MNM3 per annum, DRI Kilns (8x600 TPD) – 1.68 MTPA, WHRB Power through DRI kilns – (8 x 15 MW)-120 MW ,Through BF - 18 MW , Through Coke Oven- 15 MW and CFBC based Power Plant of (2 x 15 MW)- 30 MW, SMS – IF (18 x 20 T) with LRF (6 X 20 T)- 1.26 MTPA, BOF (1 x 50 T) with LRF (1 x 50 T) and VD unit (1 x 50 T)- 0.525 MTPA and EAF (1 X 50 T)with LRF (1 x 50 T) - 0.175 MTPA, Rolling Mill through hot charging (3 x 1000 TPD) - 1.05 MTPA, Sinter Plant (1x 100 m2) – 1.092 MTPA ,Blast Furnace (1x750 m3) – 0.7875 MTPA, Coke Oven Plant (Non recovery) – 0.5 MTPA, Ferro Alloys (4 x 9 MVA)- 0.084 MTPA, Oxygen Plant (1x250 TPD) - 0.087 MTPA, Lime & Dolomite Plant (1x 450 TPD) – 0.1575 MTPA, Brick Manufacturing Unit -350 Million Bricks/Year & Slag Recycling Plant (1 x 150 TPD) – 0.0525 MTPA		
Name of Entity / Corporate Office	SHYAM STEEL WORKS (P) LIMITED		
Village(s)	Lachhmanpur		
District	PURULIA		
Proposal No.	IA/WB/IND1/408696/2022	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	J.L no. 145, survey no. 2142	Sub-District	Raghunathpur - I
State	WEST BENGAL	Entity's PAN	*****8216J
MoEF File No.	IA-J-11011/228/2021-IA-II(IND-I)	Entity name as per PAN	SHYAM STEEL WORKS PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	SHYAM STEEL WORKS (P) LIMITED	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	242.81	242.81

Total	242.81	242.81
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Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	M. S. Billet	Tons per Annum (TPA)	31/01/2029	1260000	1869.13	70000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	ENERGY PRESERVATION MEASURES	Sinter Plant a. Sinter cooler waste recovery system shall be installed to generate process steam or power. b. Equipped with MEROS technology to reduce emission of SO ₂ , NO _x and heavy metals.
PPs Submission: Agreed to Comply a. It will be complied before the commissioning of plant. b. It will be complied before the commissioning of plant.		Date: 26/11/2024
2	Statutory compliance	The company 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 Presently 1x20T Induction Furnace is in operation only, for which we have taken all steps as per recommendations made in the EIA/EMP in respect of environmental management and risk mitigation, we will also follow the said recommendations for rest of the units.		Date: 26/11/2024
3	Statutory compliance	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.
PPs Submission: Agreed to Comply Detailed de-carbonization report has been included in EIA/EMP wherein utilization of modern technologies for capturing of carbon and development of carbon sequestration resources has been mentioned. We will submit the status of implementation of the report to the IRO, MoEF&CC as the project progresses. Copy of de-carbonization report is attached as Annexure- 1		Date: 26/11/2024
4	WASTE MANAGEMENT	Tailings from Iron Ore washing plant shall be dewatered in filter press and stored dry maximum for a period of 45 days inside the plant premises.
PPs Submission: Agreed to Comply As recommended in EIA/EMP, we will ensure that tailing generation, storage and its end use at brick manufacturing unit is adhered to.		Date: 26/11/2024
5	WASTE MANAGEMENT	Solid waste utilization a. Maximum 90 days of slag storage area shall be permitted inside the plant. b. 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. c. PP shall recycle/reuse 100 % solid waste generated in the plant. d. Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed. e. Used refractories shall be recycled as far as possible.	
<p>PPs Submission: Being Complied a. Maximum 90 days of slag is being stored inside the plant premises. IF slag is being crushed and after metal recovery and consequently TCLP test, it is being/will be utilized in the Brick Manufacturing Unit. Solid waste analysis report is enclosed as Annexure-2. b. It will be complied as per the solid waste management plan. c. Presently 1x20 Ton IF is in operation. The generated solid waste is being reused inside the plant premises, after metal recovery. d. It will be complied before the commissioning of plant. e. It will be complied.</p>			Date: 26/11/2024
6	PUBLIC HEARING	PP shall undertake village adoption and formulate Village Adoption program consisting of need-based community development activities, shall be prepared to develop them into model villages. PP shall submit details of the villages to be adopted.	
<p>PPs Submission: Partially Complied It will be complied considering SIA study.</p>			Date: 26/11/2024
7	MISCELLANEOUS	The Action Plan for the Panch-tatva (5 commitments) including fossil fuel reduction road map and net-zero carbon emissions shall be strictly implemented.	
<p>PPs Submission: Being Complied It will be complied.</p>			Date: 26/11/2024
8	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. MSW waste shall be treated in digester and recovered gas shall be used in the canteen.	
<p>PPs Submission: Complied Presently 1x20 Ton IF is in operation, the waste water generated from IF is being reused in slag quenching. Although our project have been designed as Zero Liquid Discharge Plant. We shall provide ETP to treat the industrial waste water as per waste water management plan. STP has been installed and operated to mitigate discharge of domestic effluent from the plant. Canteen waste have been composted in organic waste composter installed at strategic locations. The photographs of STP and Organic Composter are attached herewith as Annexure - 9</p>			Date: 26/11/2024
9	Statutory compliance	The company shall also undertake rain water harvesting measures as per the plan submitted in the EIA/EMP report and reduce water dependence from the outside source.	
<p>PPs Submission: Agreed to Comply It will be complied.</p>			Date: 26/11/2024
10	LAND RECLAMATION	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.	
<p>PPs Submission: Agreed to Comply Impervious flooring is being provided for all stockyards, All raw material will be kept under the shed.</p>			Date: 26/11/2024

11	MISCELLANEOUS	All internal and connecting road to the Highway shall be black topped/ concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guidelines.
PPs Submission: Being Complied SH-5 is adjacent to project site and is as per the IRC guidelines whereas internal roads will be made pucca to minimize the pollution caused due to vehicular movement.		Date: 26/11/2024
12	GREENBELT	Three tier Green Belt shall be developed covering at least 33% of the total project area maximum in the 1st year 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. PP shall develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy to act as green barrier for air pollution & noise levels towards the villages namely Maharajnagar (0.02 Kms), Lachhmanpur (0.03 kms), Shikratyar (0.06 Kms) and Digardhi (0.05 kms) inside the plant premises. Compliance status in this regard, shall be submitted to concern Regional Office of the MoEF&CC.
PPs Submission: Being Complied The greenbelt has been developed simultaneously with the plant construction which will further mitigate the pollution impact. Greenbelt have been developed in a set of rows of trees planted in such a way that they form an effective barrier between the plant and the surroundings. The main purpose of greenbelt development is to contribute to the following factors: To maintain the ecological homeostatus. To attenuate the air emissions from the kiln and the fugitive dust emissions. To prevent the soil erosion. To attenuate the noise levels. Till date 6382 nos of plantation have been done. The green belt development report is attached as Annexure - 4		Date: 26/11/2024
13	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
PPs Submission: Being Complied Plantation of grass, flowers, bushes and trees are being considered with the plant construction to reduce the generation of dust from the bare earth and to enhance the aesthetic value.		Date: 26/11/2024
14	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.
PPs Submission: Agreed to Comply Performance test will be conducted on pollution control devices once we start production for rest units and reports will be furnished to IRO, MOEFCC at regular interval with Six Monthly EC compliance report.		Date: 26/11/2024
15	MISCELLANEOUS	Parking area for trucks/dumpers shall be provided within the steel plant. No truck/dumper shall be parked outside the steel plant premises.
PPs Submission: Being Complied Parking area for trucks / dumpers have been made inside plant premises. We ensure that no trucks/ dumpers are parked outside plant premises.		Date: 26/11/2024
16	WATER QUALITY MONITORING AND PRESERVATION	Air Cooled condensers shall be used in the captive power plant.

<p>PPs Submission: Agreed to Comply It will be complied before the commissioning of the said plant.</p>		<p>Date: 26/11/2024</p>
17	WASTE MANAGEMENT	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
<p>PPs Submission: Agreed to Comply E- Waste (Management) Rules, 2022 will be followed.</p>		<p>Date: 26/11/2024</p>
18	Statutory compliance	The environmental issues arising out from the route for producing of billets shall be controlled and mitigation measures be implemented.
<p>PPs Submission: Complied We have installed Fume Extraction system along with dust extraction system at SMS unit to mitigate the environmental issues irrespective of route for producing billets.</p>		<p>Date: 26/11/2024</p>
19	Risk Mitigation and Disaster Management	All the recommendations made in the risk assessment report shall be implemented and compliance status in this regard shall be furnished to the Regional Office of the MoEF&CC along with the six monthly compliance report.
<p>PPs Submission: Agreed to Comply It will be complied as recommended in EIAEMP report.</p>		<p>Date: 26/11/2024</p>
20	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>PPs Submission: Being Complied We will abide by all the commitments/ recommendations made in the public during the Public Hearing/Public Consultation and Social Impact Assessment Study of the project as per the EMP in accordance to the Ministry OM dated 30.09.2020. The progress report will be submitted to IRO, MOEFCC at regular interval after commencement of production. Copy of action plan of SIA and Public hearing commitment report is attached as Annexure- 10</p>		<p>Date: 26/11/2024</p>
21	Statutory compliance	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.
<p>PPs Submission: Being Complied It is being followed. Copy of report on ban of SUP is attached as Annexure-11.</p>		<p>Date: 26/11/2024</p>

22	Statutory compliance	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: Being Complied All required environmental protection measures such as green belt development all along plant boundary, appropriate pollution control equipments such as ESPs, Bag filters, Telescopic chutes, Wet scrappers, Pug mills, covered conveyers and dust suppression systems etc. are being provided and operated duly ensuring environmental safeguard measures to minimize the impact on the surrounding ecology. Apart from that we will be deploying sufficient numbers of additional truck mounted Fog Mist water cannons inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.		Date: 26/11/2024
23	AIR QUALITY MONITORING AND PRESERVATION	Coke Oven Plant a. Coke Dry Quenching (CDQ) shall be installed. b. Coke Oven Gas shall be desulfurized. c. Tar sludge shall be mixed with coal and reused.
PPs Submission: Agreed to Comply a. It will be complied before the commissioning of plant. b. It will be complied before the commissioning of plant. c. It will be complied.		Date: 26/11/2024
24	Statutory compliance	BF 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 It will be complied before the commissioning of plant.		Date: 26/11/2024
25	AIR QUALITY MONITORING AND PRESERVATION	Secondary fume extraction system shall be installed on converters of Steel Melting Shop.
PPs Submission: Agreed to Comply It will be complied before the commissioning of plant.		Date: 26/11/2024
26	Statutory compliance	Basic Oxygen Furnace (BOF) gas shall be cleaned dry.
PPs Submission: Agreed to Comply It will be complied before the commissioning of plant.		Date: 26/11/2024
27	ENERGY PRESERVATION MEASURES	Waste Heat Recovery system for charge preheating shall be included for Electric Arc Furnace.
PPs Submission: Agreed to Comply It will be complied before the commissioning of plant.		Date: 26/11/2024
28	Statutory compliance	Action plan for setting up of captive railway siding for transportation of materials shall be implemented.
PPs Submission: Being Complied		Date:

The setting up of railway siding is in progress. It will be complied.		26/11/2024
29	Statutory compliance	Submerged Arc Furnace and Electric Arc Furnace shall be closed type with 4th hole extraction system.
PPs Submission: Agreed to Comply It will be complied before the commissioning of plant.		Date: 26/11/2024
30	Statutory compliance	85-90 % of billets/slabs shall be rolled directly in hot stage. Only 10-15 % rolling shall be done through RHF using only Light Diesel Oil or Mixed BF/CO gas.
PPs Submission: Agreed to Comply We will comply this stipulated condition.		Date: 26/11/2024
31	Statutory compliance	Dust emission from Steel Plant stacks shall not exceed 30 mg/Nm ³ .
PPs Submission: Complied Presently 1x20T IF is in operation only. We have engaged a NABL accredited and WBPCB recognized laboratory M/s ND International for monitoring of stack flue gas. The stack results are showing under the stipulated norms. The stack monitoring reports are attached as Annexure - 3.		Date: 26/11/2024
32	Human Health Environment	The nearest human settlement from the site are Maharajnagar (0.02 Km, SE), Lachhmanpur (0.03 Km, E), Shikratyar (0.06 Km, S), Digardhi (0.05 Km, SE), Jarukhamar (0.54 Km, NW), Talshankra (1.7 Km, SW) and Senera (0.85 Km, S). Project Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The PP shall also include some of these locations in its environmental monitoring programme.
PPs Submission: Being Complied All required environmental protection measures such as green belt development all along plant boundary have been duly provided, ensuring environmental safeguard measures to minimize the impact on the habitation of the locals. Pollution Control equipments such as ESP, Bag filters, covered conveyers and dust suppression systems etc. is under construction. Adjoining villages are taken care and included under environmental monitoring programme. Copy of greenbelt development is attached as Annexure- 4 Copy of Ambient Air reports for adjoining villages (Lachhmanpur and Shikratyar village) are attached as Annexure - 5		Date: 26/11/2024
33	Statutory compliance	30,743 KLD water will be required for the proposed project; which will be sourced from Panchet Reservoir of Damodar Valley Corporation. Necessary permission shall be obtained from the Competent Authority in this regard. No ground water extraction is permitted.
PPs Submission: Complied Water drawl permission to draw 6.0 MGD from DVRRRC was obtained vide letter no. MD/DVRR/WA-6(145)/2022/744-48 dated 20-12-2022. Further an agreement with DVC, Maithon was also executed vide letter no. MRO/Tariff Cell/SSWPL/318 dated 18.04.2023 Copy of water drawl permission is attached as Annexure- 6 Copy of agreement with DVC is attached as Annexure- 7		Date: 26/11/2024
34	MISCELLANEOUS	There are 2 ponds in Digardhi village, a pond in Lachhmanpur and a pond in Siulibari village within the project site. Action plan for conservation of Digardhi Village Pond and Sikratyar village pond shall be strictly implemented.

<p>PPs Submission: Being Complied</p> <p>Considering the importance of Digwardhi village and Sikratyar village pond from the point of view of the locals, we have taken all necessary measures for the conservation of said pond. In this regard, we have done the fencing work, bandh making and plantation near the said pond. Simultaneously we have increased the depth of the pond and strengthen the inner surface by putting HDPE lining enforced with PCC, wherever required.</p>	<p>Date: 26/11/2024</p>
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35	Statutory compliance	<p>There is Stream passing along South West Boundary toward North direction approaching Panchet Reservoir. Apart from these UttalaNadi (3.5 Km, NW), Panchet Reservoir (8.0 Km, NNE), Panchet Dam (9.0 Km, NNE), Ramachandrapur Reservoir (10.2 Km, E), Maharaj Nagar Village Pond (0.4 Km, SE), Sikratyar village pond (Adjacent, S), Kelahi village pond (0.5 Km, W), Durmut Village Pond (2.9 Km, W), and Garh Panchkot Village Pond (3.8 Km, NEE) exists within the study area of the project site. 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.</p>
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<p>PPs Submission: Being Complied</p> <p>Storm water drainage report has been included in EIAEMP wherein collection channelization and utilization of storm water is given as per the topographical features. As the project progresses, we are following the recommendations of storm water drainage report required to protect the natural drainage and its flow parameter along with erosion control practices. Copy of RWH and storm water drainage report is attached as Annexure- 8</p>	<p>Date: 26/11/2024</p>
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General Conditions

Sr.No.	Condition Type	Condition Details
1	ENERGY PRESERVATION MEASURES	(v) Ensure installation of regenerative type burners on all reheating furnaces.
<p>PPs Submission: Agreed to Comply</p> <p>It will be complied after commissioning of reheating furnace.</p>		<p>Date: 26/11/2024</p>
2	WATER QUALITY MONITORING AND PRESERVATION	(vi) Tyre washing facilities shall be provided at the entrance of the plant gates.
<p>PPs Submission: Agreed to Comply</p> <p>It will be complied.</p>		<p>Date: 26/11/2024</p>
3	WATER QUALITY MONITORING AND PRESERVATION	(vii) Treated water from ETP of COBP shall not be used for coke quenching.
<p>PPs Submission: Agreed to Comply</p> <p>It will be complied.</p>		<p>Date: 26/11/2024</p>
4	WATER QUALITY MONITORING AND PRESERVATION	(viii) Water meters shall be provided at the inlet to all unit processes in the steel plants.
<p>PPs Submission: Complied</p> <p>We have installed water meter at SMS.</p>		<p>Date: 26/11/2024</p>

5	Noise Monitoring & Prevention	(i) 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.
PPs Submission: Complied Noise Pollution (Regulation and Control) Rules, 2000 is being followed. Noise level monitoring report is enclosed as Annexure-16.		Date: 26/11/2024
6	ENERGY PRESERVATION MEASURES	(i) 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 BF is not yet installed, so torpedo ladle may not be requiring. We are using open top ladles with all requisite protective measures.		Date: 26/11/2024
7	WASTE MANAGEMENT	(i) 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.
PPs Submission: Agreed to Comply It will be complied.		Date: 26/11/2024
8	WASTE MANAGEMENT	(ii) Kitchen waste shall be composted or converted to biogas for further use.
PPs Submission: Complied Kitchen waste have been composted in two nos of organic waste composter installed at canteen of capacity 100 Kg per Day each. Photographs of organic composter is attached herewith as Annexure 9.		Date: 26/11/2024
9	GREENBELT	(i) 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: Being Complied The project is under construction stage, and only 1x20 Ton IF is in operation. Once the project will complete and will be in operation, we will make GHG emission inventory and its reduction program including carbon sequestration by trees.		Date: 26/11/2024
10	GREENBELT	(ii) 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 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 monitorable with defined time frames", when PP comes for EC proposal. This study shall be formulated keeping in view of India's Net-zero commitment at the COP-26 Climate Summit.
PPs Submission: Being Complied Detailed decarbonization report has been included in EIAEMP for the proposed project wherein utilization of modern technologies for capturing of carbon and development of carbon sequestration resources has been mentioned. The project is now under construction stage, once the production will start we will monitor the total carbon emission including scope-1, scope-2 and scope-3 and we will make a decarbonisation program to achieve the Net-zero. The report will be sent to the IRO, MoEFCC on time interval.		Date: 26/11/2024

11	Risk Mitigation and Disaster Management	(i) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied We have Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan.		Date: 26/11/2024
12	Risk Mitigation and Disaster Management	(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.
PPs Submission: Partially Complied We provide Personal Protection Equipment (PPE) as per the norms.		Date: 26/11/2024
13	Risk Mitigation and Disaster Management	(iii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
PPs Submission: Complied It is being followed.		Date: 26/11/2024
14	MISCELLANEOUS	(vii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied Stipulated condition has been partially complied as the project is a greenfield project. Copy of intimation of land development is attached as Annexure- 22		Date: 26/11/2024
15	MISCELLANEOUS	(viii) 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 It will be complied.		Date: 26/11/2024
16	Statutory compliance	(i) 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 It will be complied.		Date: 26/11/2024
17	ENERGY PRESERVATION MEASURES	(ii) Restrict Gas flaring to < 1%.
PPs Submission: Agreed to Comply It will be complied after commission of BF, Coke Oven.		Date: 26/11/2024
18	ENERGY PRESERVATION MEASURES	(iii) 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: Agreed to Comply It will be complied.		Date: 26/11/2024
19	ENERGY PRESERVATION MEASURES	(iv) Provide LED lights in their offices and residential areas.
PPs Submission: Being Complied We have installed LED lights in our office and residential areas.		Date: 26/11/2024
20	AIR QUALITY MONITORING AND PRESERVATION	(i) The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQS) 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: Complied We have installed one no of CAAQMS to monitor air quality and it is directly connected to online servers of CPCB since 01 October 2024 and will be calibrated time to time according to equipment supplier specification through labs recognized under Environment Protection Act 1986 or NABL accredited laboratories. We will be installing desired nos of CEMS and the same will be connected to online servers of CPCB and will be calibrated time to time according to equipment supplier specification through labs recognized under Environment Protection Act 1986 or NABL accredited laboratories. The trend of CAAQMS connected with CPCB server is attached as Annexure 12		Date: 26/11/2024
21	AIR QUALITY MONITORING AND PRESERVATION	(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.
PPs Submission: Complied Fugitive emission monitoring is being done on quarterly basis. Fugitive emission monitoring report is enclosed as Annexure-13.		Date: 26/11/2024
22	AIR QUALITY MONITORING AND PRESERVATION	(iii) Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
PPs Submission: Complied Presently 1x20 Ton IF is in operation. We have provided proper sampling facility at IF stacks as per CPCB guidelines and doing the monitoring by third party. Coke oven plant is not yet installed, so quenching towers is not available, it will be followed before commissioning of coke oven.		Date: 26/11/2024
23	AIR QUALITY MONITORING AND PRESERVATION	(iv) 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: Complied Presently 1x20 Ton IF is in operation which is well equipped with spark arrestor followed by bag filter and stack emission is under the standard norms. We ensure that appropriate Air Pollution Control (APC) measures to all dust generating points including fugitive dust from all vulnerable sources.		Date: 26/11/2024

24	AIR QUALITY MONITORING AND PRESERVATION	(v) The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
PPs Submission: Being Complied The equipment for leakage detection along with pulse jet type bag filter is being provided.		Date: 26/11/2024
25	AIR QUALITY MONITORING AND PRESERVATION	(vi) Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
PPs Submission: Being Complied Road sweeping machine is provided to clean the internal plant road along with water sprinkler.		Date: 26/11/2024
26	AIR QUALITY MONITORING AND PRESERVATION	(vii) 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: Agreed to Comply Presently 1x20 Ton IF is in operation. So still no iron ore fines, coal and coke fines, lime fines are generated. It will be complied whenever other plants will be commissioned.		Date: 26/11/2024
27	AIR QUALITY MONITORING AND PRESERVATION	(viii)The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
PPs Submission: Complied Leak proof trucks/dumpers for carrying raw materials are being provided and covered with tarpaulin to avoid any spillage during transportation.		Date: 26/11/2024
28	AIR QUALITY MONITORING AND PRESERVATION	(ix) Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).
PPs Submission: Agreed to Comply It will be complied before commissioning.		Date: 26/11/2024
29	AIR QUALITY MONITORING AND PRESERVATION	(x) Land-based APC system shall be installed to control coke pushing emissions.
PPs Submission: Agreed to Comply It will be complied after installation of Coke Oven plant.		Date: 26/11/2024
30	AIR QUALITY MONITORING AND PRESERVATION	(xi) Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.
PPs Submission: Agreed to Comply It will be complied before commissioning.		Date: 26/11/2024
31	AIR QUALITY MONITORING AND PRESERVATION	(xii) Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.

<p>PPs Submission: Complied Not applicable as we have proposed non-recovery type coke oven.</p>		<p>Date: 26/11/2024</p>
32	AIR QUALITY MONITORING AND PRESERVATION	(xiii) Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
<p>PPs Submission: Being Complied It will be complied.</p>		<p>Date: 26/11/2024</p>
33	AIR QUALITY MONITORING AND PRESERVATION	(xiv) Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
<p>PPs Submission: Complied Not applicable, as we have no tunnels, motor houses, Oil Cellars.</p>		<p>Date: 26/11/2024</p>
34	WATER QUALITY MONITORING AND PRESERVATION	(i)The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (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.
<p>PPs Submission: Agreed to Comply It will be complied.</p>		<p>Date: 26/11/2024</p>
35	WATER QUALITY MONITORING AND PRESERVATION	(ii)The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
<p>PPs Submission: Complied We have been monitor and analyze the ground water report by NABL Accredited laboratory. Water quality analysis report is enclosed as Annexure-14.</p>		<p>Date: 20/01/2025</p>
36	WATER QUALITY MONITORING AND PRESERVATION	(iii)The project proponent shall provide the ETP for coke oven and by-product to meet the standards prescribed in 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 as amended from time to time;
<p>PPs Submission: Agreed to Comply It will be complied before commissioning.</p>		<p>Date: 26/11/2024</p>
37	WATER QUALITY MONITORING AND PRESERVATION	(iv) Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
<p>PPs Submission: Complied</p>		<p>Date:</p>

STP has been installed and operated to mitigate discharge of domestic effluent from the plant. The quality of treated water of STP is under the prescribed standard. Treated STP water quality analysis report is enclosed as Annexure-15.		26/11/2024
38	WATER QUALITY MONITORING AND PRESERVATION	(v) 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 It will be complied.		Date: 26/11/2024
39	MISCELLANEOUS	(ix) 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 It will be complied.		Date: 26/11/2024
40	MISCELLANEOUS	x. 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&CC).
PPs Submission: Agreed to Comply Agreed with and will be complied.		Date: 26/11/2024
41	MISCELLANEOUS	xi. 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 Agreed with and will be complied.		Date: 26/11/2024
42	Statutory compliance	Environment Management (i) 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 by the PP.
PPs Submission: Being Complied It will be complied.		Date: 26/11/2024
43	Statutory compliance	(ii) The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest/ wildlife norms / conditions and / or shareholders / stake

		holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report
<p>PPs Submission: Complied The company has well laid down Environment Policy approved by Managing Director. Unit Head is authorized by the Board to sign, issue and modify the Environment Policy. The organization has developed procedure detailing compliance with all aspects of Environmental norms including the process of corrective actions for its improvement. The policy provides a framework for setting and reviewing environmental objectives, which includes a commitment to fulfil its compliance obligations, for the protection of the environment, including prevention of pollution and other specific Commitment(s) relevant to the context of the organization. Copy of the corporate environment policy is attached as Annexure- 17</p>		Date: 26/11/2024
44	Statutory compliance	(iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
<p>PPs Submission: Complied An Environmental Officer has been appointed to look after all the environmental issues and to ensure the compliance with Environmental Clearance conditions. He will directly report to the Unit Head for statutory compliances and relevant activities</p>		Date: 26/11/2024
45	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.
<p>PPs Submission: Complied We have been granted environment clearance on 28.02.2023 and it has been advertised subsequently on 02.03.2023 in Aajkal (Bengali Newspaper) and Indian Express (English Newspaper) Copy of the environment clearance advertisement is attached as Annexure- 18</p>		Date: 26/11/2024
46	MISCELLANEOUS	(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.
<p>PPs Submission: Complied We have submitted the copy of environment clearance to the heads of local bodies, panchayats and municipal bodies in addition to the relevant offices of Government. Copy of EC intimation to the local authority is attached as Annexure- 19</p>		Date: 26/11/2024
47	MISCELLANEOUS	(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.
<p>PPs Submission: Complied Copy of environment clearance has been uploaded at companys website i.e. https://shyamsteel.com/.</p>		Date: 26/11/2024
48	MISCELLANEOUS	(iv) 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>PPs Submission: Complied The criteria pollutants level alongwith sectorial parameters are being done by us and duly displayed through electronic display board at convenient location (main gate of the plant) for disclosure to the public. The photograph of the electronic display board is attached as Annexure - 20</p>		<p>Date: 26/11/2024</p>
49	MISCELLANEOUS	(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.
<p>PPs Submission: Complied In compliance to this condition, compliance report is being submitted.</p>		<p>Date: 26/11/2024</p>
50	MISCELLANEOUS	(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.
<p>PPs Submission: Complied We have submitted the environmental statement for 2023 2024 financial year in Form V to West Bengal Pollution Control Board as prescribed under Environment Protection Rule 1986 on 24 September 2024 and put the same on the company website at https://shyamsteel.com/. The environment statement is attached as Annexure 21.</p>		<p>Date: 26/11/2024</p>
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>		