

Form for Uploading Half Yearly Compliance Report

Proposal Details

Proposal No

IA/CG/IND1/419709/2023

Category

Industrial Projects - 1

Name of Project

Expansion & Modernization of Integrated Steel Plant-BF-0.75 to 2.0 MTPA (0.75 to 1 MTPA through modernization), Sinter Plant-0.8 to 2.8 MTPA, Pellet Plant-1.5 to 3.0 MTPA, Coke Oven-0.2 to 1.1 MTPA, Oxygen Plant-510 to 1500 TPD, SMS-1.2 to 2.4 MTPA, RM-1.2 to 2.4 MTPA, Cement Grinding unit-2.4 MTPA, PGP-1, 16,000 Nm³/hr, Power Plant-26 to 130 MW (104 MW-BF GAS & COKE OVEN GAS), Under CTE/CTO-DRI (350 +500 TPD)-0.27 MTPA (0.12 +0.15) to 0.35 MTPA, Power plant-30 MW

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

CHHATTISGARH

District

RAIPUR

MoEF File No

J-11011/883/2008-IA.II(IN)

Name of the Entity/**Corporate Office**

JAYASWAL NECO INDUST

Entity's PAN *

NA

[Update E-KYC](#)

Entity Name as per PAN *

JAYASWAL NECO INDUST

Entity details mentioned above is correct ? *

☒ Agree ☐ Disagree

Covering Letter

Covering Letter

[Click to View](#)

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(Upload Pdf only Max 20 MB)

Compliance Reporting Details

Reporting Year *

2024

Reporting Period *

01 Dec(01 Apr - 30 Sep)

View Previous Compliances

Remark(if any)

Expansion and modernizations of existing integrated steel plant (duly incorporating CTE based two units of DRI plant of 0.27 MTPA and associated 30 MW Power plant). The unit expansion has not started yet.

Details of Production and Project Area

Date of Commencement of Project/Activity

dd-mm-yyyy

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0


Land Documents

Choose File No file chosen

(Upload Pdf only Max 20 MB)

PRODUCTION CAPACITY				
Name of the Product *	Units *	As per EC Granted *	As per CTO Granted	CTO ID
Power Plant	MW	30	27	3814 /T

Production capacity deleted successfully

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year	Action
1	Sponge Iron	Tons per Annum (TPA)	350000	270000	3814 /TS/CECB/2024	31-03-2027	266524	 Delete Row


2	Power Plant	MW	30	27	3814 /TS/CECB/2024	31-03-2027	184556.3	 Delete Row
3	Blast furnace	Tons per Annum (TPA)	2000000	650000	7303/TS/CECB/2022	31-12-2024	643220	 Delete Row
4	Sinter plant	Tons per Annum (TPA)	2800000	800000	7303/TS/CECB/2022	31-12-2024	606095.31	 Delete Row
5	Coke oven Non Recovery Type	Tons per Annum (TPA)	1100000	200000	7303/TS/CECB/2022	31-12-2024	188789	 Delete Row
6	Steel Melting Shop	Tons per Annum (TPA)	2400000	1200000	7303/TS/CECB/2022	31-12-2024	675202	 Delete Row
7	oxygen Plant	Tons per Day (TPD)	1500	510	7303/TS/CECB/2022	31-12-2024	336	 Delete Row
8	Cement Grinding Unit	Tons per Annum (TPA)	2400000	0	0	01-01-0001	0	 Delete Row
9	PRoducer Gas Plant	Cu.M/Hr	116000	0	0	01-01-0001	0	 Delete Row
10	Rolling Mill	Tons per Annum (TPA)	2400000	1200000	7303/TS/CECB/2022	31-12-2024	626221	 Delete Row
11	Power Plant	MW	130	26	7303/TS/CECB/2022	31-12-2024	187265.9	 Delete Row
12	Iron Ore Pellet plant	Tons per Annum (TPA)	3000000	1500000	7303/TS/CECB/2022	31-12-2024	1135330	 Delete Row




****Note : If EC Conditions are not available below, Click here to upload EC Condition.**




[Upload EC Condition](#)



Conditions *


Specific Conditions


Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents		Enter Status of Compliance	Action
1	MISCELLANEOUS	This Environmental clearance is granted subject to final outcome	PPs Submission	Agreed to comply Agreed to Comply	Enter	 Delete Row

		of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.		30-11-2024 Attachment:NA		
2	MISCELLANEOUS	The PP 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	Shall be complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delete Row
3	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, MoEF&CC in this regard.	PPs Submission	shall be complied. however green belt has been developed in 40 Percent of the total plant area. the carbon sequestration is being carried out through green belt. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delete Row
4	MISCELLANEOUS	In pursuance to MoEF&CC OMs dated 31st October, 2019 & 30th December, 2019 issued in compliance of the order of Hon'ble NGT in OA No. 1038/2018 dated 19th August, 2019, the	PPs Submission	The CEPI guidelines is strictly being complied and the compliance status is being submitted to CECB at regular interval. Being	Enter	 Delete Row




		compliance of all the conditions applicable to CEPI shall be implemented as per the submitted plan. PP shall strictly implement the Action Plan/Mitigation measures as prescribed for the CPA, as the Unit is located in CPA.		Complied 01-12-2024 Attachment:NA		
5	MISCELLANEOUS	The PP shall strictly implement the additional Environmental safe guards as proposed to address the emissions due to high AAQ and noise values.	PPs Submission	shall be complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delete Row
6	MISCELLANEOUS	The Kharoon River is within the study area of 10 km 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.	PPs Submission	shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delete Row
7	MISCELLANEOUS	The total water requirement after the proposed expansion of 27,646 m3/day (equivalent to 6.30 MGD) shall be obtained from the River Kharoon (wherein an anicut had been constructed by JNIL with CSIDC). Necessary permission shall be obtained from the Competent Authority.	PPs Submission	The Water permission has already been obtained from WRD for total water requirement the proposed expansion of 27,646 m3/day. Complied 01-12-2024 Attachment:NA	Enter	 Delete Row


8	MISCELLANEOUS	<p>Three tier Green Belt shall be developed in at least 40% of project area in a period of 1 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 along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards nearby ESA's. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.</p>	PPs Submission	<p>Green belt is already developed in 40 percent of total plant area. Gap plantation is carried out. Being Complied 01-12-2024 Attachment:NA</p>	Enter	 Delete Row
9	MISCELLANEOUS	<p>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</p>	PPs Submission	<p>The social welfare activity for the Social economic development of the nearby village is being carried out regularly since last 25 years. the Last six month period 01 April 24 to 31st September 24 the</p>	Enter	 Delete Row





		Ministry's OM dated 30.09.2020 amounting to Rs. 85.60 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.		expenditure incurred in CSR is Rs. 53.78 lac. the details is attached. Being Complied 01-12-2024 Attachment:NA		
			PPs Submission	The social welfare activity for the Social economic development of the nearby village is being carried out regularly since last 25 years. the Last six month period 01 April 24 to 31st September 24 the expenditure incurred in CSR is Rs. 53.78 lac. the details is attached. Being Complied 01-12-2024 Attachment:NA		
10	MISCELLANEOUS	As committed, the PP shall adopt 10 villages naming Siltara, Sankara, Girod, Dhaneli, Mandhar, Charoda, Murethi, Tekari, Nimora and Akoli and implement the Village Adoption program consisting of need-based community development activities, to develop them into model villages.	PPs Submission	The Socio economic development activity is being carried out in all near by villages the following 10 villages naming Siltara, Sankara, Girod, Dhaneli, Mandhar, Charoda, Murethi, Tekari, Nimora and Akoli have been adopted by the company. The need-based community development activities are being carried out in nearby adopted villages.	Enter	 Delete Row

				Being Complied 01-12-2024 Attachment:NA		
11	MISCELLANEOUS	PP shall strictly comply with the observations of IRO in the certified compliance report as per the submitted ATR.	PPs Submission	The compliances of given observation have already been made and shall be maintain in future also. Complied 01-12-2024 Attachment:NA	Enter	 Delete Row






General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents		Enter Status of Compliance	Action
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.	PPs Submission	Noted for compliance. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
2	Statutory compliance	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	PPs Submission	Noted for compliance. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
3	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 04 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	PPs Submission	04 Nos. Continuous Ambient Air Quality Station (CAAQMS) have already been installed for monitoring AAQ parameters with respect to standards prescribed in Environment	Enter	 Delet



		according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.		(Protection) Rules 1986 as amended from time to time. The 13 Nos of CEMS in all process have been installed. The real time data of CEMS and CAAQMS is connected to SPCB and CPCB online servers. Complied 01-12-2024 Attachment:NA		
4	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 the plant area, covering upwind and downwind directions.	PPs Submission	04 Nos. of CAAQMS for monitoring of main pollutant released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and Nox emissions) within the plant area, covering upwind and downwind directions have already been installed in connected with CECB/CPCB server. Complied 01-12-2024 Attachment:NA	Enter	 Delete








5	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	The fugitive emission monitoring through NABL accredited lab is being carried out at every quarter interval the report of same is submitted to CECB. Complied 01-12-2024 Attachment:NA	Enter	 Delet
6	AIR QUALITY MONITORING AND PRESERVATION	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	PPs Submission	The fugitive emission monitoring through NABL accredited lab is being carried out at regular interval the report of same is submitted to CECB. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
7	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	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources in proposed units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
8	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet





9	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	Road Sweeping machine has already been deploy for Roads cleaning and shop floor. Complied 01-12-2024 Attachment:NA	Enter	Delet
10	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	Being complied and shall be complied in future for proposed expansion. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
11	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	Iron ore fines, coal and coke fines and such other fines collected in the pollution control devices in the process is being utilized in sinter and Pellet plant and same shall be maintain in proposed expansion. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
			PPs Submission	Iron ore fines, coal and coke fines and such other fines collected in the pollution control devices in the process is being utilized in sinter and Pellet plant and same shall be maintain in proposed expansion. Being		







				Complied 01-12-2024 Attachment:NA		
12	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
13	AIR QUALITY MONITORING AND PRESERVATION	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
14	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	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
15	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	PPs Submission	CREP Guidelines of CPCB for implantation of pollution control system is implemented in existing units and shall be complied in proposed expansion units. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
16	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.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet






		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.				
17	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	Bag filters is being cleaned regularly and shall be maintain in future also. Being Complied 01-12-2024 Attachment:NA	Enter	Deleti
18	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	Water Sprinklers/Water mist system has already been installed and shall be provided in future at near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant. Being Complied 01-12-2024 Attachment:NA	Enter	Deleti
19	AIR QUALITY MONITORING AND PRESERVATION	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm3 and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	PPs Submission	Shall be complied in the proposed expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Deleti
20	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.	PPs Submission	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	Enter	Deleti

		c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.		solid waste storage areas have already been provided b. Only covered vehicle is being used for transport of materials. c. Wheel washing mechanism has already been installed and operational in entry and exit gates with complete recirculation system. above facilities shall also be ensured in proposed expansion units. Being Complied 01-12-2024 Attachment:NA		
21	AIR QUALITY MONITORING AND PRESERVATION	Dry quenching (CDQ) system shall be installed along with power generation facility from waste heat recovery from hot coke.	PPs Submission	Shall be complied in proposed expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
22	AIR QUALITY MONITORING AND PRESERVATION	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). Land-based APC system shall be installed to control coke pushing emissions.	PPs Submission	Shall be complied in proposed expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet

23	AIR QUALITY MONITORING AND PRESERVATION	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	Shall be complied in proposed expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
24	AIR QUALITY MONITORING AND PRESERVATION	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.	PPs Submission	Not applicable as we proposed to install Non recovery type of Coke oven. Complied 01-12-2024 Attachment:NA	Enter	 Delet
25	AIR QUALITY MONITORING AND PRESERVATION	The coke oven gas shall be subjected to desulphurization if the sulphur content in the coal exceeds 1%.	PPs Submission	Shall be complied in future expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
26	AIR QUALITY MONITORING AND PRESERVATION	Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.	PPs Submission	Shall be complied if required. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
27	AIR QUALITY MONITORING AND PRESERVATION	The emission norms applicable for the cement plant shall be adhered to.	PPs Submission	Shall be complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
28	AIR QUALITY MONITORING AND PRESERVATION	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.	PPs Submission	shall be Complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
29	AIR QUALITY MONITORING	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3	PPs Submission	Shall be complied.	Enter	 Delet

	AIR QUALITY MONITORING AND PRESERVATION	by using best available technology.		Agreed to Comply 01-12-2024 Attachment:NA		
30	AIR QUALITY MONITORING AND PRESERVATION	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.	PPs Submission	Shall be complied if required Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
31	AIR QUALITY MONITORING AND PRESERVATION	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.	PPs Submission	Fluoride emission shall be identify and if it found more than the threshold Limit, the mitigation measure shall be implemented. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
32	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	PPs Submission	CREP Guidelines of CPCB for implantation of pollution control system is implemented in existing units and shall be complied in proposed expansion units. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
33	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	Shall be complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet








34	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% quartz as per Indian Factories Act, 1948.	PPs Submission	shall be maintain in future expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
35	AIR QUALITY MONITORING AND PRESERVATION	Basic Oxygen Furnace (BOF) gas shall be cleaned dry.	PPs Submission	Not applicable as BOF not in proposed expansion. Complied 01-12-2024 Attachment:NA	Enter	 Delet
36	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 MoEF&CC along with the six monthly compliance report.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
37	AIR QUALITY MONITORING AND PRESERVATION	Low NO _x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.	PPs Submission	Shall be complied if required. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
38	AIR QUALITY MONITORING AND PRESERVATION	The Project proponent shall fix carbon monoxide detectors with critical alarms at strategic locations inside the Plant.	PPs Submission	Shall be Complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
39	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	EQMS already installed in ETP outlet and connected with CECB/CPCB server. Complied 01-12-2024 Attachment:NA	Enter	 Delet

40	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	The ground water quality has been carried out regular interval and shall be follow in future expansion Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
41	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	Shall be Complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
42	WATER QUALITY MONITORING AND PRESERVATION	Water meters shall be provided at the inlet to all unit processes in the plants.	PPs Submission	Water flow meters have already been install in all process units and shall be installed in proposed expansion units. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
43	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	PPs Submission	Water audit shall be carried out and audit recommendation shall be implemented. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
44	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	The company maintain the ZLD and shall be maintain in future also. Complied 01-12-2024 Attachment:NA	Enter	 Delet

45	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	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
46	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	Rain water harvesting system have been developed in existing unit and shall be installed in the proposed expansion unit as per submitted in the EIA/EMP report. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
47	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
48	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall provide appropriate ETP for effluents discharged from coke oven and by-product to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to Coke oven plants) as amended from time to time.	PPs Submission	Not applicable since we are using Non Recovery type Coke Oven and also we proposed to installed Non Recovery type coke oven in proposed expansion. Complied 01-12-2024 Attachment:NA	Enter	Delet
49	WATER QUALITY MONITORING AND PRESERVATION	Treated water from ETP of COBP shall not be used for coke quenching.	PPs Submission	Dry quenching system shall be installed in future expansion of Coke oven. Agreed to	Enter	Delet





				Comply 01-12-2024 Attachment:NA		
50	WATER QUALITY MONITORING AND PRESERVATION	Air Cooled condensers shall be used in the captive power plant.	PPs Submission	Shall be complied in future proposed expansion unit. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
51	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	Noise level monitoring is being carried out and shall be complied in future expansion project. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
52	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	Regularly carried out. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
53	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	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
54	Noise Monitoring & Prevention	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
55	Noise Monitoring & Prevention	Restrict Gas flaring to < 1%.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet






56	Noise Monitoring & Prevention	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	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
57	Noise Monitoring & Prevention	Provide LED lights in their offices and residential areas.	PPs Submission	Being Complied Being Complied 01-12-2024 Attachment:NA	Enter	Delet
58	Noise Monitoring & Prevention	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
59	Noise Monitoring & Prevention	Practice hot charging of slabs and billets/blooms as far as possible.	PPs Submission	Being Complied. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
60	Noise Monitoring & Prevention	Ensure installation of regenerative type burners on all reheating furnaces.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
61	Noise Monitoring & Prevention	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	Shall be complied in future expansion units. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
62	Noise Monitoring & Prevention	Coke Dry Quenching (CDQ) shall be provided for coke quenching for both recovery and non-recovery type coke ovens.	PPs Submission	Shall be complied in proposed expansion unit. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet





63	Noise Monitoring & Prevention	The project proponent shall provide waste heat recovery system on the DRI Kilns.	PPs Submission	The WHRB already installed in DRI kiln Complied 01-12-2024 Attachment:NA	Enter	 Delet
64	Noise Monitoring & Prevention	The dolochar generated shall be used for power generation.	PPs Submission	The generated Dolochar is being used for power generation. Complied 01-12-2024 Attachment:NA	Enter	 Delet
65	Noise Monitoring & Prevention	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
66	Noise Monitoring & Prevention	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.	PPs Submission	Complied. Complied 01-12-2024 Attachment:NA	Enter	 Delet
67	Noise Monitoring & Prevention	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
68	Noise Monitoring & Prevention	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
69	Noise Monitoring & Prevention	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet

70	Noise Monitoring & Prevention	Waste heat recovery system shall be provided for kiln and cooler.	PPs Submission	Waste heat recovery system has already installed for kiln. Complied 01-12-2024 Attachment:NA	Enter	Delet
71	WASTE MANAGEMENT	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	PPs Submission	Oil Collection pits is provided in oil cellars to collect and reuse/recycle spilled oil. Complied 01-12-2024 Attachment:NA	Enter	Delet
72	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.	PPs Submission	Being complied. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
73	WASTE MANAGEMENT	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	PPs Submission	100 Percent fly ash is being utilized in fly ash Brick making. Being Complied 01-12-2024 Attachment:NA	Enter	Delet
74	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	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet







		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.			
75	WASTE MANAGEMENT	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	PPs Submission	All generated E waste is being sent to the Authorized E recycler and record submitted to the CECB regularly. Being Complied 01-12-2024 Attachment:NA	<div>Enter</div> <div>Delet</div>
76	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	All the solid waste generated is being utilized in process back and SMS slag is utilized for road making after metal recovery. BF slag sold to Cement industry and fly ash utilized for Brick making. and Same shall be adopted in proposed expansion also. Being Complied 01-12-2024 Attachment:NA	<div>Enter</div> <div>Delet</div>





77	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% reuse of rejects from Waste Recycling Plant.	PPs Submission	SMS slag after metal recovery is used for road making and same shall be maintain in propose expansion unit. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
78	WASTE MANAGEMENT	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
79	WASTE MANAGEMENT	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
80	WASTE MANAGEMENT	In case of Non-Recovery coke ovens, the gas main carrying hot flue gases to the boiler, shall be insulated to conserve heat and to maximise heat recovery.	PPs Submission	The Gas generated from Coke oven is being utilized for power generation through WHRB and same shall be adopted in proposed expansion unit. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
81	WASTE MANAGEMENT	Tar Sludge and waste oil shall be blended with coal charged in coke ovens (applicable only to recovery type coke ovens).	PPs Submission	Not applicable as we proposed to install Non Recovery type Coke oven Complied 01-12-2024 Attachment:NA	Enter	 Delet
82	GREENBELT	The project proponent shall prepare GHG emissions inventory for the plant and shall	PPs Submission	shall be complied.	Enter	 Delet

		submit the programme for reduction of the same including carbon sequestration by trees.		Agreed to Comply 01-12-2024 Attachment:NA		
83	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.	PPs Submission	shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
84	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	PPs Submission	Green belt has already been developed 40 Percent of the total plant area. and most of the plant area is paved Complied 01-12-2024 Attachment:NA	Enter	 Delet
85	Human Health Environment	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	PPs Submission	Being implemented and complied. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
86	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	Being complied. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
87	Human Health Environment	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary	PPs Submission	Shall be complied Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet

		structures to be removed after the completion of the project.				
88	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	PPs Submission	Occupational health surveillance of the workers is being be done on a regular basis and records maintained Complied 01-12-2024 Attachment:NA	Enter	 Delet
89	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. "	PPs Submission	Socio Economic development is being carried out at all nearby villages and expenditure incurred to the submitted to the ministry along with the half yearly compliance report. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
90	Corporate Environmental Responsibility	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.	PPs Submission	The company have a well laid down the corporate Environmental Policy duly approved by Board of director. Complied 01-12-2024 Attachment:NA	Enter	 Delet
91	Statutory compliance	A separate Environmental Cell both at the project and company head quarter level, with qualified	PPs Submission	The company have a well laid	Enter	 Delet

		personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.		down the corporate Environmental Policy duly approved by Board of director. Complied 01-12-2024 Attachment:NA		
92	Statutory compliance	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	PPs Submission	Shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	Delet
93	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 proponent's website permanently.	PPs Submission	The copy of granted Environment Clearance is published in Two Local Newspaper and displayed in the Company website. Complied 01-12-2024 Attachment:NA	Enter	Delet
94	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	The copy of environment clearance has been submitted to the office of gram panchayat and local bodies. Complied 01-12-2024 Attachment:NA	Enter	Delet
95	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	Being displayed in company website at every six monthly. Being Complied 01-12-2024 Attachment:NA	Enter	Delet

96	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	The Ambient and stack emission data is being monitored and data of monitored value is displayed at the main gate of the plant. Complied 01-12-2024 Attachment:NA	Enter	 Delet
97	MISCELLANEOUS	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	PPs Submission	The internal roads and connecting road is already made pucca. Complied 01-12-2024 Attachment:NA	Enter	 Delet
98	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	Being Complied Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
99	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	The company has submitted the Environment statement for each financial year in form V in every year. Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
100	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	shall be complied. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
101	MISCELLANEOUS	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment	PPs Submission	Being Complied Being	Enter	 Delet

		made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.		Complied 01-12-2024 Attachment:NA		
102	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 MoEF&CC.	PPs Submission	Not applicable. The plant is situated in Siltara industrial area in Raipur. Complied 01-12-2024 Attachment:NA	Enter	 Delet
103	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	The expenditure incurred through CER Being Complied 01-12-2024 Attachment:NA	Enter	 Delet
104	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 (MoEF&CC).	PPs Submission	Noted for compliance. Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet
105	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	Noted Agreed to Comply 01-12-2024 Attachment:NA	Enter	 Delet

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02-02-2023

Additional Attachment (if any)

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Additional Remarks (if any)

- ☒ I 'JAYASWAL NECO INDUSTRIES LIMITED' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

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