

**Half Yearly Compliance Report  
2024  
01 Jun(01 Oct - 31 Mar)**

**Acknowledgment**

<b>Proposal Name</b>	Expansion of Integrated Steel Plant at Siltara Growth Centre, Siltara,Raipur Chhattisgarh by Jayaswal Neco Industries Limited (Formerly Known as Corporate Ispat Alloys Limited		
<b>Name of Entity / Corporate Office</b>	Susanta Kumar Moitra		
<b>Village(s)</b>	N/A		
<b>District</b>	RAIPUR		
<b>Proposal No.</b>	IA/CG/IND/19867/2009	<b>Category</b>	Industrial Projects - 1
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	CHHATTISGARH	<b>Entity's PAN</b>	NA
<b>MoEF File No.</b>	J-11011/1058/2007-IA.II(I)	<b>Entity name as per PAN</b>	NA

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	Presently plant is not in operation. Construction work for expansion units are yet to be started.
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	Susanta Kumar Moitra	
	<b>Project Area as per EC Granted</b>	<b>Annual Project Area in Possession</b>
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	71.22	51.0
Total	71.22	51

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Sinter Plant	Million Tons per Annum (MTPA)	N/A	1.20	0	0
2	Blast Furnace	Million Tons per Annum (MTPA)	N/A	0.8	0	0
3	Coke Oven Non RecoveryType	Million Tons per Annum (MTPA)	N/A	0.3	0	0
4	Oxygen Plant	Tons per Day (TPD)	31/05/2026	300	0	100
5	Captive Power Plant	MW	01/05/0001	57	0	0
6	DRI Plant	Million Tons per Annum (MTPA)	01/01/0001	0.15	0	0
7	Steel Melting Shop	Million Tons per Annum (MTPA)	31/05/2026	1.2	0	0.40
8	Rolling Mill	Million Tons per Annum (MTPA)	31/05/2026	0.9	0	0.3

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	WATER QUALITY MONITORING AND PRESERVATION	Total water requirement of the water from river kharoon shall not exceed 380.50 m3/h. rolling mill overflow shall be taken to settling tank for removal of scales. All the waste water shall be treated in effluent treatment plant(ETP) and treated waste water including cooling tower blow down shall be used for dust suppression, sinter nodulizing ,slag quenching, ash handling, green belt development and various other project related activities. Zero discharge shall be adopted.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. presently not in operation.		Date: 31/05/2024
2	Statutory compliance	No coal based sponge iron plant and captive power plant shall be installed without prior permission from state Govt. of Chhattisgarh (banned as per the order of the Govt. of Chhattisgarh dated 16 march ,2007) and Ministry.

<b>PPs Submission:</b> Agreed to Comply Noted.		Date: 31/05/2024
3	AIR QUALITY MONITORING AND PRESERVATION	<p>Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. On line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks and sufficient air pollution control devices shall be provided to keep the emission levels below 100 mg/Nm<sup>3</sup>. At no time the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit. Data on ambient air quality stack emissions and fugitive emissions shall be regularly submitted to this ministry including its regional office at Bhopal and the CECB/CPCB once in six months.</p>
<b>PPs Submission:</b> Agreed to Comply Construction work for expansion units are yet to be started. Plant is not in operation. However manual Ambient air quality monitoring report is attached as Annexure -I		Date: 31/05/2024
4	ENERGY PRESERVATION MEASURES	<p>All the standards prescribe for the coke oven shall be followed as per the latest guidelines. Proper and full utilization of coke oven gases in power plant using waste heat recovery system shall be ensured and no flue gases shall be discharged into air.</p>
<b>PPs Submission:</b> Agreed to Comply All the standards prescribe for the coke oven shall be followed as per the latest guidelines. Proper and full utilization of coke oven gases in power plant using waste heat recovery system shall be ensured and no flue gases shall be discharged into air.		Date: 31/05/2024
5	Statutory compliance	<p>Gaseous emission levels including secondary fugitive emissions from Blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines /code of practice issued by the CPCB shall be followed. The emission standards issued by the Ministry in May, 2008 for the sponge plants shall be followed.</p>
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date: 31/05/2024
6	AIR QUALITY MONITORING AND PRESERVATION	<p>Vehicular pollution due to transportation of raw materials and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw materials and finished product. Efforts shall be made to reduce the impact of transport of the raw materials and end products on the surroundings environment including agriculture land. All the raw material including fly ash shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored and records kept.</p>
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Plant is not in operation.		Date: 31/05/2024
7	AIR QUALITY MONITORING AND PRESERVATION	<p>Electronic precipitator (ESP) shall be provided to AFBC boilers, DRI Kiln, coke oven and sinter plant to control air emissions below 100 mg/Nm<sup>3</sup>. gas cleaning plant having dust catcher and pulse jet bag shall be provided to blast furnace (BF). Stacks of adequate height as per CPCB guidelines shall be provided to control emissions from the blast furnace (BF), sinter Plant, Coke oven, Steel melting</p>

		shop(SMS),Rolling Mill etc
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date: 31/05/2024
8	AIR QUALITY MONITORING AND PRESERVATION	Fume extraction system with bag filters shall be provided to steel melting shop to control fugitive emission. Dust extraction (DE) system shall be provided to BF. dust suppression (DS) system to raw material handling area shall be provided. Adequate stack height will be provided to rolling mill and other plants. DE & DS system along with dust collectors shall be provided to coke oven plant. water quenching shall also be done. Fugitive emissions shall be regularly monitored and records maintained.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. presently plant is not in operation.		Date: 31/05/2024
9	WATER QUALITY MONITORING AND PRESERVATION	Closed circuit cooling shall be adopted to reduce fresh water consumption. Acidic and alkaline effluent from DM water plant shall be neutralized and reused for various activities in plant. Phenolic effluent shall be treated in BOD plant and used for quenching of hot coke. No waste water shall be discharged outside the premises and Zero effluent discharge shall be ensured.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Plant is not in operation.		Date: 31/05/2024
10	WATER QUALITY MONITORING AND PRESERVATION	Prior permission for the drawl of 380.50 M3/h water from Kharoon River shall be obtained from the concerned department. The water consumption shall not exceed 16 m3.T/Ton of steel as per prescribe standard.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. presently plant is not in operation.		Date: 31/05/2024
11	WATER QUALITY MONITORING AND PRESERVATION	Continuous monitoring of total organic compounds (TOC) shall be done at the outlet of ETP (BOD) plant.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
12	WATER QUALITY MONITORING AND PRESERVATION	Ground water monitoring around the solid waste disposal site /secured landfill (SLF) shall be carried out regularly and report submitted to the ministry's regional office at Bhopal ,CPCB and CECB.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
13	WASTE MANAGEMENT	Char shall be used in AFBC boiler. All the blast furnace (BF) slag shall be granulated and provided to cement manufacturer for further utilization. Iron ore fines ,mill scales from rolling mill ,scrap ,BF dust /sludge ,coke breeze from coke oven plant,flue dust from SMS,DRI

		and sinter plant shall be used in sinter plant in making sinter to be used further in blast furnace .Fly ash shall be used for cement making. Bottom ash shall be used for road making. SMS slag shall be given for metal recovery and properly used. All the other solid waste including broken refractory mass shall be properly disposed off in environment -friendly manner. Oily waste shall be provided to authorize recyclers/preprocessors.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
14	WASTE MANAGEMENT	A time bound action plan shall be submitted to reduce soild waste, its proper utilization and disposal.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
15	WASTE MANAGEMENT	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid waste /hazardous waste shall be submitted to the ministry's Regional Office at Bhopal, CECB and CPCB.A tim
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
16	WASTE MANAGEMENT	Proper utilization of fly ash shall be ensured as per Fly ash notification,1999 as amendment in 2003.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
17	GREENBELT	As proposed green belt shall be developed in 33% area within and around the plant premises to mitigate the effects of air emissions as per the CPCB guidelines in consultation with DFO
<b>PPs Submission:</b> Complied Around 80,000 saplings have been planted so far and covered more than 33% area.		Date: 31/05/2024
18	Statutory compliance	All the recommendations made in the charter on Corporate Responsibility for Environment protection (CREP) for the steel sector shall be implemented.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
19	MISCELLANEOUS	The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water ,medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of project.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date:

**General Conditions**

Sr.No.	Condition Type	Condition Details
1	Noise Monitoring & Prevention	The overall noise level in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA rules 1989 viz 75 dBA (daytime) 70 dBA (nighttime)
<b>PPs Submission:</b> Agreed to Comply Noted, for compliance, massive plantation has been done in all around the plant as a green belt to reduce the noise level. The ambient noise level monitoring report is attached as Annexure – III		Date: 31/05/2024
2	Human Health Environment	Occupational health surveillance of the workers should be done on regular basis and record maintained as per the factories act.
<b>PPs Submission:</b> Complied Periodically health checkup of the employees is being carried out and records are maintained as per the Act.		Date: 31/05/2024
3	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
<b>PPs Submission:</b> Agreed to Comply All the new buildings in upcoming project will be having the feature of Rain water harvesting to augment the ground water.		Date: 31/05/2024
4	Corporate Environmental Responsibility	The project proponent shall also comply with all the environmental protection measures and safeguard recommended in the EIA & EMP report .Further the company must undertake socio - economic development activities in the surroundings villages like community development programmes, educational programmes drinking water supply and health care etc.
<b>PPs Submission:</b> Agreed to Comply We shall comply to this condition as committed in EIA/EMP. Presently plant is not in operation. Noted for compliance.		Date: 31/05/2024
5	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board(CECB) and the state Government.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance.		Date: 31/05/2024
6	Statutory compliance	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance.		Date: 31/05/2024

7	Corporate Environmental Responsibility	As proposed, Rs. 125 crores and Rs. 25.00 Crores shall be earmarked towards capital cost and recurring cost /Annam for environmental protection measures to implement the conditions stipulated by Ministry of Environment & Forest as well as the state Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional office of the ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date: 31/05/2024
8	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emission from various process shall conform to the load /mass based standards notified by this Ministry on 19th May,1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribe standards. on-line continuous monitoring system shall be installed in stacks to monitor SPM and interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date: 31/05/2024
9	AIR QUALITY MONITORING AND PRESERVATION	In plant control measures for checking fugitive emission from all the vulnerable sources like spillage/raw material/coal handling etc. shall be provided/Further, specific measures like provision of dust suppression system consisting of water sprinkling, suction hoods, fans and bag filters etc. shall be installed at material transfer points. Blast furnace stock house and other enclosed raw material handling areas. Centralized DE-dusting system i.e. collection of fugitive emission through suction hood and subsequent treatment through bag filter or any other device and finally emitted through stack of appropriately designed height conforming to the standards for induction furnace existing in the industry and proposed induction and arc fugitive emission shall be monitored and record maintained.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently plant is not in operation.		Date: 31/05/2024
10	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of SPM SO2 and Nox are anticipated in consultation with CECB. data on ambient air quality and stack emission should be regularly submitted to this Ministry including its regional Office at Bhopal and the CECB/CPCB once in six months.
<b>PPs Submission:</b> Complied We have established 4 nos. Ambient Air quality stations. Presently plant is not in operation. The monitoring results are attached as Annexure – I.		Date: 31/05/2024
11	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water shall be properly collected ,treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 may,1993 and 31st December 1993 or as amended from time to time .The treated waste water shall be utilized for plantation purpose.

<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started. Presently Plant is not in operation.		Date: 31/05/2024
12	Statutory compliance	The Regional Office of this Ministry at Bhopal/CPCB/CECB will monitor the stipulated conditions. A six monthly compliance report and monitored data along with statistical interpretation shall be submitted to them regularly.
<b>PPs Submission:</b> Complied Agreed, We are regularly submitting the six monthly compliance reports along with the monitoring data.		Date: 31/05/2024
13	MISCELLANEOUS	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CECB and may also be seen at Website of Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within the seven days of issue of the clearance letter., at least in two local newspaper that are widely circulated in the region of which one shall be in vernacular language of the locality concerned and a copy of the same should be forward to Region Office.
<b>PPs Submission:</b> Complied Complied		Date: 31/05/2024
14	MISCELLANEOUS	Project authorities shall inform the Regional Office as well as the Ministry, the date of the financial closure and final approval of the project by the concerned authorities and the date of the commencing the land development work.
<b>PPs Submission:</b> Agreed to Comply Noted for compliance. Construction work for expansion units are yet to be started.		Date: 31/05/2024
<div style="text-align: center;"><b>Visit Remarks</b></div>		
<b>Last Site Visit Report Date:</b>		N/A
<b>Additional Remarks:</b>		