

**Six Monthly (JUNE-2024) Compliance Report for Period October 2023 to March 2024 for "Integrated Steel Plant of Capacity 0.9 Million Ton Per Annum (Finished Steel) Along With 137 MW (92 MW WHRB Based & 45 MW Coal and Dolochar Mix Based) Captive Power Plant at located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. – Jakpur BO, P.S. - Kharagpur (Local), Dist. – Paschim Medinipur, West Bengal by M/s. Orissa Alloy Steel Pvt. Ltd."**

1 message

ORISSA ALLOY <orissaalloysteelprivateltd@gmail.com> Tue, May 28, 2024 at 2:47 PM  
To: ms@wbpcb.gov.in, ms.wbpcb-wb@bangla.gov.in, Dr Soma Das <iro.kolkata-mefcc@gov.in>, "roez.bsr-mef@nic.in" <roez.bsr-mef@nic.in>  
Bcc: Bijayen Srivastava <bijayen.srivastava@rashmigroup.com>, biswanath@rashmigroup.com, environment.rml3@rashmigroup.co.in

Dear Sir,

We would like to state that, Environment Clearance accorded by Government of India Ministry of Environment, Forest and Climate Change IA Division for "Integrated Steel Plant of Capacity 0.9 Million Ton Per Annum (Finished Steel) Along With 137 MW (92 MW WHRB Based & 45 MW Coal and Dolochar Mix Based) Captive Power Plant at located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O.- Jakpur BO, P.S.- Kharagpur (Local), Dist.- Paschim Medinipur, West Bengal by M/s. Orissa Alloy Steel Pvt. Ltd. vide EC Identification No. EC22A1001WB5860208N issued vide File No. IA-J-11011/518/2021-IA-II(IND-I) dated 12/10/2023"

The project construction still not started and company has obtained CTE from WBPCB. Land development work will be started soon.

We assure that we will comply and implement all the conditions laid down in the Environmental Clearance and the status of the compliance being submitted for the period October, 2023 to March, 2024.

Hope you will find the same in order.

Yours Faithfully,

**Authorised Signatory**

For, **M/s Orissa Alloy Steel Private Limited (Location:-TIL)**


**1, Garstin Place, 'Orbit House', Room No-3B, Kolkata-700001**

Tel : 91 33-22894255/ 56

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# ORISSA ALLOY STEEL PRIVATE LIMITED

CORPORATE ADDRESS: PREMLATA BUILDING, 39 SHAKESPEARE SARANI, 6<sup>TH</sup> FLOOR, ROOM NO. 3 & 4, KOLKATA - 700 017  
CIN:U27320WB2019PTC234383

Ref:- OASPL(TIL)/ENV COMPL/JUN 2024

Date: 25.05.2024

To,

**a) Regional Office,**

Ministry of Environment, Forests & Climate Change, Bhubaneswar  
A/3 Chandrasekharapur,  
Bhubaneswar – 751023, Odisha

**b) Sub Office, Kolkata**

Regional Office, Bhubaneswar,  
Ministry of Environment, Forest and Climate Change,  
IB-198, Sector-III, Salt Lake City,

**Sub.** Six Monthly (JUNE-2024) Compliance Report for Period October 2023 to March 2024 for "Integrated Steel Plant of Capacity 0.9 Million Ton Per Annum (Finished Steel) Along With 137 MW (92 MW WHRB Based & 45 MW Coal and Dolochar Mix Based) Captive Power Plant at located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. – Jakpur BO, P.S. - Kharagpur (Local), Dist. – Paschim Medinipur, West Bengal by M/s. Orissa Alloy Steel Pvt. Ltd."

**Ref:** EC Identification No- EC22A1001WB5860208N; Dated 12/10/2023; File no. IA-J-11011/518/2021-IA-II (IND-I)

Dear Sir,

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We assure that we will comply and implement all the conditions laid down in the Environmental Clearance and the status of the compliance being submitted for the period October, 2023 to March, 2024.

Thanking you.

Yours Faithfully,

For, **M/s. Orissa Alloy Steel Pvt. Ltd.**

For ORISSA ALLOY STEEL PRIVATE LIMITED

  
Director / Authorised Signatory

**Authorized Signatory**

**Encl.:**

1. Six Monthly (JUNE-2024) Compliance Report
2. EC advertisement copy as Annexure-I.
3. EC intimation to DM, BDOs & Gram Panchayat as Annexure-II.
4. Corporate Environment Policy approved by Board as Annexure-II.

Your (**Environment Clearance**) application has been **Submitted** with following details

<b>Proposal No</b>	IA/WB/IND1/409595/2022
<b>Compliance ID</b>	26082794
<b>Compliance Number(For Tracking)</b>	EC/COMPLIANCE/26082794/2024
<b>Reporting Year</b>	2024
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	25-05-2024
<b>IRO Name</b>	ARTATRANA MISHRA
<b>IRO Email</b>	jhk109@ifs.nic.in
<b>State</b>	WEST BENGAL
<b>IRO Office Address</b>	Integrated Regional Offices, Kolkata

**Note:-** SMS and E-Mail has been sent to ARTATRANA MISHRA, WEST BENGAL with Notification to Project Proponent.

<b><u>Name of the Project: -</u></b>	Integrated Steel Plant of Capacity 0.9 Million Ton Per Annum (Finished Steel) Along With 137 MW (92 MW WHRB Based & 45 MW Coal and Dolochar Mix Based) Captive Power Plant at located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakkpur BO, P.S. - Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal by M/s. Orissa Alloy Steel Pvt. Ltd.
<b><u>EC Clearance Letter No. and date:</u></b>	EC identification No-EC22A1001WB5860208N issued vides File No. IA-J-11011/518/2021-IA-II (IND-I) dated 12/10/2023.
<b><u>Period of Compliance Report: -</u></b>	October 2023 to March 2024

<b>A. Specific Condition</b>		
S.No.	Conditions	Compliance
i.	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.	Agreed & Noted.
ii.	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Noted. As the construction work for the project is yet to start. The stipulated conditions will be complied by the project proponent during the implementation of the project.  Company has well-defined CSR policy under which OASPL-TIL will carry out social development and welfare measures in the surrounding villages.
iii.	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.	Agreed & will be complied  As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
iv.	Total project land acquisition shall be completed and converted for industrial purpose prior to commencement of project.	Out of the 102.39 hectare (253 acres) of land, 44.80 hectare (110.715 acres) of land (42.29 ha. Industrial land at Vidyasagar Industrial Park, Kharagpur + 2.51 ha. Private land) is already in possession and for rest of land (57.59 hectare) consent from private rayat obtained.
v.	As committed, PP shall implement the plan to provide priority in job opportunity shall be provided to affected land loser in the proposed project.	Agreed. Maximum employment will be given to the Local youth as per State Govt. norms based on their knowledge and skill. In addition, vocational training will be given for the employment to local. Total 160 persons will receive stipend of Rs. 12,500 p.m. for 03 months training.

FOR ORISSA ALLOY STEEL PRIVATE LIMITED  
  
 Director / Authorised Signatory

		Skill development to unemployed local youth will be carried out.
vi.	<p>The nearest habitations is Chakganesh (0.25 km, EES), Baradiha (0.80 km, SW), Rupnarayanpur (1.10 km, NW) and Jakpur (1.10 km, NE) from the project site.</p> <p>Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.</p>	<p>As committed in EMP, Avenue plantation will be done in nearby villages by planting more or less approx. 2,00,000 nos. of trees. (Chakganesh area-1<sup>st</sup> year, Jakpur &amp; Baradiha Area -2<sup>nd</sup> year and Rupnaryan village -3<sup>rd</sup> year) 50,000 trees in each village. Development / landscaping of Jakala Nalla in Gholageria Village in 2<sup>nd</sup> year.</p> <p>Campaign for Single Use Plastic in Lachmapur Gram Panchayat (1st Year). Installation of plastic waste shredder machine 01 no. in each community hall of corresponding village in 2nd Year – Jakpur, Chakganesh &amp; 3rd year Baradiha &amp; Gholageria village.</p>
vii.	Jakala Nala is at a distance of 0.03 km in the South direction along with other water bodies 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>Agreed.</p> <p>Land- scaping of Jakala Nalla in Gholageria Village will be done. Also needful drainage conservation scheme and SMC will be taken up for control of erosion.</p>
viii.	The water requirement of 5,184 m <sup>3</sup> /day shall be obtained from Kansai River Bed (5,000 m <sup>3</sup> /day) after obtaining necessary permission and remaining 184 m <sup>3</sup> /day from rainwater harvesting pond. As committed, during monsoon & lean season (150 days) entire water requirement of 5,184 m <sup>3</sup> /day shall be met from rainwater harvesting pond.	Permission/ NOC of withdrawal of 5,000 KLD for 07 months from Irrigation & Water Department, West Bengal from Kansai River Bed vide Memo no-530 dated 22.04.2022 in name of M/s Orissa Alloy Steel Private Limited.
ix.	<p>Three tier Green Belt shall be developed in at least 33% of the project area in a period of 1 year all along the project site of adequate width and tree density shall not be less than 2500 per ha.</p> <p>A 30 m green belt all around the plant shall be developed. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees &amp; broad leaves with thick canopy along with windshield inside the plant</p>	<p>3 tiers of plantations of native species all along the periphery of the project @ 2500 trees per hectare will be completed within a span of 03 years. An area of around 33.79 hectare) has already earmarked for greenbelt @ 2500 trees per hectare.</p> <p>3 tiers greenbelt shelter comprising of total of 6 rows of 2x2 m plantation with tall trees &amp; broad leaves with thick canopy along with windshield inside the plant premises towards the villages namely Chakganesh, Jakpur, Baradiha, Rupnaryanpur.</p>

For ORISSA ALLOY STEEL PRIVATE LIMITED  
  
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	premises to act as green barrier for air pollution & noise levels towards Chakganesh, Baradiha, Rupnarayanpur and Jakpur Villages. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	
x.	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 20 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	As per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 20 Crores. Rs. 60.0 lakhs for Vocational training will be spent in 03 years & Rs. 45.0 lakhs for skill development. Rs. 30.00 lakh budget is allotted for ambulance (1 <sup>st</sup> year) Rs. 30.0 lakhs budget for eye checkup, health checkup etc. is allotted. ( in 03 years) Rs. 105.0 lakhs budget for providing health care facility is allotted. ( in 03 years)
xi.	As committed, PP shall adopt 07 nos. of Villages namely Malipur, Chakganesh, Baradihad, Jakpur, Gholageria, Uttarshimla and Kantageria. PP shall prepare and implement an action plan to develop these villages into model villages.	Agreed & noted
xii.	--	--
xiii.	The PP should implement the MOU with potential buyers of the tailings. The industry should adopt the best suitable technology for the disposal of the tailings.	Agreed and noted. Tailing will be used for brick manufacturing and in sinter plant.
xiv.	The PP shall implement the recommendations made by IIT Kharagpur in tailing management study report. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Agreed.
<b>B. General Conditions</b>		
<b>I. Statutory compliance:</b>		
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.	Agreed.
<b>II. Air quality monitoring and preservation</b>		
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack	Agreed As stated in point no-ii, the construction work for the project is yet to start; The

For ORISSA ALLOY STEEL PRIVATE LIMITED  
  
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	<p>emission as well as 06 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.</p> <p>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.</p>	<p>stipulated conditions will be complied by the project proponent.</p>
ii.	<p>The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area, covering upwind and downwind directions.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
iii.	<p>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.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
iv.	<p>Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
v.	<p>Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
vi.	<p>The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
vii.	<p>Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>
viii.	<p>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</p>	<p>Agreed</p> <p>As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.</p>

	raw materials and cover them with tarpaulin.	
ix.	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.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
x.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xi.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xii.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xiii.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xiv.	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.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xv.	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xvi.	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.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xvii.	The particulate matter emissions from	Agreed

For ORISSA ALLOY STEEL PRIVATE LIMITED

  
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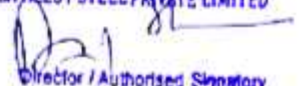


	the process stacks shall be less than 30 mg/Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xviii.	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.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
	b. Proper covered vehicle shall be used while transport of materials.	Agreed.
	c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Agreed.
xix	Briquetting and jigging plant shall be installed in the Ferro Alloys Plant.	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xx.	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	Noted and agreed.
xxi.	The 4 <sup>th</sup> hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF	Noted and agreed.
xxii.	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m <sup>3</sup> for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xxiii.	Dry quenching (CDQ) system shall be installed along with power generation facility from waste heat recovery from hot coke.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xxiv.	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.	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.

For ORISSA ALLOY STEEL PRIVATE LIMITED  
  
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xxv.	Monitor CO, HC and O <sub>2</sub> in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Agreed. The stipulated condition will be complied during implementation.
xxvi.	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.	Agreed. The stipulated condition will be complied during implementation.
xxvii.	The coke oven gas shall be subjected to desulphurization if the sulphur content in coal exceeds 1%.	Agreed. The stipulated condition will be complied during implementation.
xxxiii.	Hoppers of the coal crushing unit and other washery units shall be fitted with high efficiency bag filters/mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads	Agreed. The stipulated condition will be complied during implementation.
xxix.	The raw coal, washed coal and coal wastes (rejects) shall be stacked properly at earmarked site (s) within stockyards fitted with wind breakers/shields. Adequate measures shall be taken to ensure that the stored mineral does not catch fire.	Noted & Agreed. The stipulated condition will be complied during implementation.
xxx.	The temporary reject sites should appropriate planned and designed to avoid air and water pollution from such sites.	Agreed.
xxxi.	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.	Noted & Agreed. The stipulated condition will be complied during implementation.
xxxii.	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	Noted & Agreed. The stipulated condition will be complied during implementation.
xxxiii.	Basic Oxygen Furnace (BOF) gas shall be cleaned dry.	Agreed. The stipulated condition will be complied during implementation.
xxxiv.	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.	Agreed. The stipulated condition will be complied during implementation.
xxxv.	Low NO <sub>x</sub> Burners will be installed at	Agreed.

FOR ORISSA ALLOY STEEL PRIVATE LIMITED

  
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	Reheating Furnace for control of Gaseous emissions generated while using PNG	The stipulated condition will be complied during implementation.
xxxvi.	Sensors for CO, with alarm systems, should be installed inside the industry premises at suitable locations	Agreed. The stipulated condition will be complied during implementation.
<b>III. Water quality monitoring and preservation</b>		
i.	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	Noted and agreed.  As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
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 NABI accredited laboratories	Agreed.  The stipulated condition will be complied during implementation.
iii.	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	Agreed.  The stipulated condition will be complied during implementation.
iv.	Water meters shall be provided at the inlet to all unit processes in the plants.	Agreed. The stipulated condition will be complied during implementation.
v.	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.	Agreed.  The stipulated condition will be complied during implementation.
vi.	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.	Agreed.  The stipulated condition will be complied during implementation.
vii.	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	Agreed.  The stipulated condition will be complied during implementation.

For ORISSA ALLOY STEEL PRIVATE LIMITED  
  
 Director / Authorised Signatory

	trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	
viii.	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	Agreed. The stipulated condition will be complied during implementation.
ix.	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.	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
x.	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) 31 <sup>st</sup> March 2012 (applicable to Coke oven plants) as amended from time to time	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xi.	Treated water from ETP of COBP shall not be used for coke quenching.	Agreed. The stipulated condition will be complied during implementation
xii.	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.	Not applicable.
xiii.	Heavy metal content in raw coal and washed coal shall be analysed once in a year and records maintained thereof.	Agreed. The stipulated condition will be complied during implementation.
xiv.	The rejects should preferably be utilized in FBC power plant or disposed off through sale for its gainful utilization. If the coal washery rejects are to be disposed off, it should be done in a safe and sustainable manner with adequate compaction and post closure arrangement to avoid water pollution due to leachate from rejects and surface run of from reject dumping sites.	Agreed. The stipulated condition will be complied during implementation.
xv.	An Integrated Surface Water Management Plan for the washery area up to its buffer zone considering the presence of any river/rivulet/pond/lake etc. with impact of coal washing activities on it, shall be prepared, submitted to MoEFCC and implemented	Agreed. The stipulated condition will be complied during implementation.
xvi.	Waste Water shall be effectively treated and recycled completely either for washery operations or maintenance of green belt around the plant.	Agreed. The stipulated condition will be complied during implementation.
xvii.	Rainwater harvesting in the washery	Noted and agreed.

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	premises shall be implemented for conservation and augmentation of ground water resources in consultation with Central Ground Water Board.	As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xviii.	No ground water shall be used for coal washing unless otherwise permitted in writing by competent authority (CGWA) or MoEFCC. The make-up water requirement of washery should not exceed 1.5 m <sup>3</sup> /tonne of raw coal.	Agreed. The stipulated condition will be complied during implementation.
xix.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year ie. pre-monsoon, monsoon, post- monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	Agreed. The stipulated condition will be complied during implementation.
xx.	The project proponent shall take all precautionary measures to ensure riverine/ riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government	Not applicable.
xxi.	Air Cooled condensers shall be used in the captive power plant.	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xxii.	Tailing management plan shall be implemented as included in EIA report.	Complied.
xxiii.	Tailings from Iron Ore beneficiation plant shall be dewatered in filter press and no slime/tailing pond shall be permitted.	Agreed. The stipulated condition will be complied during implementation.
<b>IV. Noise monitoring and prevention</b>		
i.	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.	Agreed. The stipulated condition will be complied during implementation.
ii.	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	Agreed. The stipulated condition will be complied during implementation.

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	night time	
iii.	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.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
<b>V. Energy Conservation measures</b>		
i.	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	Agreed. The stipulated condition will be complied during implementation.
ii.	Restrict Gas flaring to < 1%.	Agreed. The stipulated condition will be complied during implementation.
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,	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
iv.	Provide LED lights in their offices and residential areas.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
v.	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
vi.	Practice hot charging of slabs and billets/blooms as far as possible.	Agreed. The stipulated condition will be complied during implementation.
vii.	Ensure installation of regenerative type burners on all reheating furnaces.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
viii.	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.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
ix.	Coke Dry Quenching (CDQ) shall be provided for coke quenching for both recovery and non-recovery type coke ovens	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
x.	The project proponent shall provide waste heat recovery system on the DRI Kilns.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
xi.	The dolochar generated shall be used for power generation.	Agreed. The stipulated condition will be complied during implementation.
xii.	Tar shall be recovered from producer	Agreed.

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	gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns	The stipulated condition will be complied during implementation.
xiii.	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
<b>VI. Waste management</b>		
i.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Agreed. The stipulated condition will be complied during implementation.
iii.	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.	Agreed. The stipulated condition will be complied during implementation.
iv.	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
v.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Agreed. The stipulated condition will be complied during implementation.
<b>vi. Solid waste utilization</b>		
	a. PP shall install a slag crusher to	Agreed.

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	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.	As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
	b. PP shall recycle/reuse solid waste generated in the plant as far as possible.	Agreed. The stipulated condition will be complied during implementation.
	c. Used refractories shall be recycled as far as possible.	Agreed. The stipulated condition will be complied during implementation.
viii.	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	Agreed. The stipulated condition will be complied during implementation.
viii.	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
ix.	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS. In case of Non-Recovery coke ovens, the gas main carrying hot flue gases to the boiler.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
x.	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.	Agreed. The stipulated condition will be complied during implementation.
xi.	Tar Sludge and waste oil shall be blended with coal charged in coke ovens (applicable only to recovery type coke ovens).	Not applicable.
xii.	Rejects from coal washery shall only be used either in the captive power plant (or) in the Thermal Power Plants meeting emission standards.	Agreed. The stipulated condition will be complied during implementation.
<b>VII. Green Belt</b>		
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.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent
ii.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon	Noted & Agreed.

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	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 monitorable with defined time frames.	
iii.	The industry should draw up and implement an action plan for achieving carbon neutrality consistent with India's commitment to achieving carbon neutrality. The action plan should contain milestones with targets to be achieved in suitable periods	Noted and agreed.
iv.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.


#### **VIII. Public hearing and Human health issues**

i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Agreed. The stipulated condition will be complied during implementation.
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.	Agreed. The stipulated condition will be complied during implementation.
iii.	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 structures to be removed after the completion of the project.	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Agreed. The stipulated condition will be complied during implementation.


#### **IX. 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	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
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	consultation with the village Panchayat and the District Administration as committed.	
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.	Complied  The company shall have a well laid down environmental policy duly approve by the Board of Directors.  Copy of approved Policy is enclosed as <b>Annexure-III.</b>
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.	Agreed.  As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.
iv.	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	Agreed.  The stipulated condition will be complied during implementation.
<b>X. Miscellaneous</b>		
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.	Complied.  The accorded EC was advertised in English and vernacular language newspaper as follows.  1. The Eco of India, Kolkata, Saturday 14.10.2023 ( English) 2. Aajkal, Kolkata, S14.10.2023 (Bengali).  Also , Copy of EC is uploaded on the website of the company <a href="https://orissametaliks.com/">https://orissametaliks.com/</a>  Copy of EC advertisement is enclosed as <b>Annexure-I.</b>
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.	Complied.  Local authorities have been intimated about grant of EC to District Magistrate; Lachmapur Gram Panchayat; Block Development Officer, Kharagpur-II, Block Development Officer, Kharagpur-I  Copy of intimation letter enclosed as

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		<b>Annexure-II.</b>
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.	Noted.
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.	Agreed. The stipulated condition will be complied during implementation.
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.	Noted. In compliance to the point this half yearly report is being submitted.
vi.	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.	Noted. In compliance to the point this half yearly report is being submitted.
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.	Agreed. The stipulated condition will be complied during implementation.
viii.	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.	Noted and agreed.  Company has obtained CTE from WBPCB vide NOC NO183636 vide memo no. 848-2n-09/2018(E)-Part-I Dated 11.12.2023.  Copy is already submitted with Six Monthly EC compliance -DEC 2023 issued vide letter no- OASPL (TIL)/ENV COMPL/DEC 2023 dated 30.11.2023
ix.	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.	Noted and agreed.
x.	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I	Not applicable.

  
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	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.	
xi.	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.	Complied. Copy of EC is uploaded on the website of the company <a href="https://orissametaliks.com/">https://orissametaliks.com/</a>
xii.	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).	Agreed and noted.
xiii.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed and noted.
xiv.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xv.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed and noted
xvi.	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.	Agreed.
xvii.	Any appeal against this EC shall lie with the Nations Green Tribunal if preferred, within a period of 30 days as prescribed under Section Tribunal Act, 2010	Noted.

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## View Compliance Report at Project Proponent

### Proposal Details

<b>Proposal No</b>	IA/WB/IND1/409595/2022	<b>Category</b>	Industrial Projects - 1
<b>Name of Project</b>	Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant		
<b>Plot / Survey/ Khasra No.</b>		<b>Village(s)</b>	Dewanmara Ayema
<b>Sub-District(s)</b>	Kharagpur - I		
<b>State</b>	WEST BENGAL	<b>District</b>	MEDINIPUR WEST
<b>MoEF File No</b>	IA-J-11011/518/2021-IA-II(IND-I)	<b>Name of the Entity/ Corporate Office</b>	ORISSA ALLOY STEEL PVT. LTD.
<b>Entity's PAN</b>	NA	<b>Entity details mentioned above is correct ?</b>	Agree
<b>Entity Name as per PAN</b>	NA		
<b>Project KML</b>	<a href="#">View on DSS</a>	NA	

### Covering Letter

**Covering Letter** [Click to View](#)

### Compliance Reporting Details

<b>Reporting Year</b>	2024	<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Remark(if any)</b>	Six monthly compliance report June 2024		

### Details of Production and Project Area

**Date of Commencement of Project/Activity** 11-12-2023

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	60.10	2.51
Revenue Land	0	0
Forest	0	0
Others	42.29	42.29
Total	102.39	44.8

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
1	Power	MW	137 (92 MW WHRB based & 45 MW Coal and Dolochar mix based)	CTO not obtained yet	CTO not obtained yet	null	0
2	Finished Steel	Million Tons per Annum (MTPA)	0.9	CTO not obtained yet	CTO not obtained yet	null	0

## Conditions

### Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	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	Agreed & Noted. Agreed to Comply Attachment:NA
2	Statutory compliance	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations	PPs Submission	As the construction work for the project is yet to start. The stipulated conditions will be complied by the project proponent during the implementation of the project. Company has well-defined CSR policy under which OASPL-TIL will carry out social development and welfare measures in the surrounding villages.

		made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.		Agreed to Comply Attachment:NA
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 & will be complied As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
4	Statutory compliance	Total project land acquisition shall be completed and converted for industrial purpose prior to commencement of project.	PPs Submission	Out of the 102.39 hectare (253 acres) of land, 44.80 hectare (110.715 acres) of land (42.29 ha. Industrial land at Vidyasagar Industrial Park; Kharagpur + 2.51 ha. Private land) is already in possession and for rest of land (57.59 hectare) consent from private rayat obtained. Agreed to Comply Attachment:NA
5	Statutory compliance	As committed, PP shall implement the plan to provide priority in job opportunity shall be provided to affected land loser in the proposed project.	PPs Submission	Agreed. Maximum employment will be given to the Local youth as per State Govt. norms based on their knowledge and skill. In addition, vocational training will be given for the employment to local. Total 160 persons will receive stipend of Rs. 12,500 p.m. for 03 months training. Skill development to unemployed local youth will be carried out. Agreed to Comply Attachment:NA
6	Statutory compliance	The nearest habitations is Chakganesh (0.25 km, EES), Baradiha (0.80 km, SW), Rupnarayanpur (1.10 km, NW) and	PPs Submission	As committed in EMP, Avenue plantation will be done in nearby villages by planting more or less approx. 2,00,000 nos. of trees. (Chakganesh area-1st year, Jakpur & Baradiha Area -2nd year and Rupnaryan village -3rd year) 50,000

		<p>Jakpur (1.10 km, NE) from the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.</p>		<p>trees in each village. Development / land- scaping of Jakala Nalla in Gholageria Village in 2nd year. Campaign for Single Use Plastic in Lachmapur Gram Panchayat (1st Year). Installation of plastic waste shredder machine 01 no. in each community hall of corresponding village in 2nd Year – Jakpur, Chakganesh &amp; 3rd year Baradiha &amp; Gholageria village. Agreed to Comply Attachment:NA</p>
7	Statutory compliance	<p>Jakala Nala is at a distance of 0.03 km in the South direction along with other water bodies 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>	PPs Submission	<p>Agreed. Land- scaping of Jakala Nalla in Gholageria Village will be done. Also needful drainage conservation scheme and SMC will be taken up for control of erosion. Agreed to Comply Attachment:NA</p>
8	Statutory compliance	<p>The water requirement of 5,184 m<sup>3</sup>/day shall be obtained from from Kansai River Bed (5,000 m<sup>3</sup>/day) after obtaining necessary permission and remaining 184 m<sup>3</sup>/day from rainwater harvesting pond. As committed, during monsoon &amp; lean season (150 days) entire water</p>	PPs Submission	<p>Permission/ NOC of withdrawal of 5,000 KLD for 07 months from Irrigation &amp; Water Department, West Bengal from Kansai River Bed vide Memo no-530 dated 22.04.2022 in name of M/s Orissa Alloy Steel Private Limited. Agreed to Comply Attachment:NA</p>



		requirement of 5,184 m3/day shall be met from rainwater harvesting pond.		
9	Statutory compliance	<p>Three tier Green Belt shall be developed in at least 33% of the project area in a period of 1 year all along the project site of adequate width and tree density shall not be less than 2500 per ha. A 30 m green belt all around the plant shall be developed. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees &amp; broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution &amp; noise levels towards Chakganesh, Baradiha, Rupnarayanpur and Jakpur Villages. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&amp;CC.</p>	PPs Submission	<p>3 tiers of plantations of native species all along the periphery of the project @ 2500 trees per hectare will be completed within a span of 03 years. An area of around 33.79 hectare) has already earmarked for greenbelt @ 2500 trees per hectare. 3 tiers greenbelt shelter comprising of total of 6 rows of 2x2 m plantation with tall trees &amp; broad leaves with thick canopy along with windshield inside the plant premises towards the villages namely Chakganesh, Jakpur, Baradiha, Rupnaryanpur. Agreed to Comply Attachment:NA</p>
10	Statutory compliance	All the commitments made towards socio-economic development of the	PPs Submission	As per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 20 Crores. Rs. 60.0 lakhs for Vocational training will be spent in 03 years & Rs. 45.0 lakhs for

		<p>nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 20 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&amp;CC.</p>		<p>skill development. Rs. 30.00 lakh budget is allotted for ambulance (1st year) Rs. 30.0 lakhs budget for eye checkup, health checkup etc. is allotted. ( in 03 years) Rs. 105.0 lakhs budget for providing health care facility is allotted. ( in 03 years) Agreed to Comply Attachment:NA</p>
11	Statutory compliance	<p>As committed, PP shall adopt 07 nos. of Villages namely Malipur, Chakganesh, Baradihad, Jakpur, Gholageria, Uttarshimla and Kantageria. PP shall prepare and implement an action plan to develop these villages into model villages.</p>	PPs Submission	<p>Agreed and noted. Agreed to Comply Attachment:NA</p>
12	Statutory compliance	<p>The PP should implement the MOU with potential buyers of the tailings. The industry should adopt the best suitable technology for the disposal of the tailings.</p>	PPs Submission	<p>Agreed and noted. Tailing will be used for brick manufacturing and in sinter plant. Agreed to Comply Attachment:NA</p>
13	Statutory compliance	<p>The PP shall implement the recommendations made by IIT Kharagpur in tailing management study report. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&amp;CC.</p>	PPs Submission	<p>Agreed. Agreed to Comply Attachment:NA</p>

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance, Remarks / Reason and Supporting Documents	
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	Agreed. Agreed to Comply Attachment:NA
2	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 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
3	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area,	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA

		covering upwind and downwind directions.		
4	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
5	AIR QUALITY MONITORING AND PRESERVATION	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
6	AIR QUALITY MONITORING AND PRESERVATION	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
7	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
8	AIR QUALITY MONITORING AND PRESERVATION	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
9	AIR QUALITY MONITORING AND PRESERVATION	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions

		proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.		will be complied by the project proponent. Agreed to Comply Attachment:NA
10	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	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
11	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
12	AIR QUALITY MONITORING AND PRESERVATION	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
13	AIR QUALITY MONITORING AND PRESERVATION	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
14	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA

15	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
16	AIR QUALITY MONITORING AND PRESERVATION	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
17	AIR QUALITY MONITORING AND PRESERVATION	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
18	AIR QUALITY MONITORING AND PRESERVATION	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
19	AIR QUALITY MONITORING AND PRESERVATION	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start;

		Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.		The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
20	AIR QUALITY MONITORING AND PRESERVATION	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.	PPs Submission	Agreed As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent Agreed to Comply Attachment:NA
21	AIR QUALITY MONITORING AND PRESERVATION	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	PPs Submission	Noted and agreed Agreed to Comply Attachment:NA
22	AIR QUALITY MONITORING AND PRESERVATION	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.	PPs Submission	Noted and agreed. Agreed to Comply Attachment:NA
23	AIR QUALITY MONITORING AND PRESERVATION	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m <sup>3</sup> for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants.	PPs Submission	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
24	AIR QUALITY MONITORING AND PRESERVATION	Dry quenching (CDQ) system shall be installed along with power generation facility from	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions

		waste heat recovery from hot coke.		will be complied by the project proponent. Agreed to Comply Attachment:NA
25	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	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent Agreed to Comply Attachment:NA
26	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	Agreed. The stipulated condition will be complied during implementation Agreed to Comply Attachment:NA
27	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
28	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
29	AIR QUALITY MONITORING AND PRESERVATION	Hoppers of the coal crushing unit and other washery units shall be fitted with high efficiency bag filters/mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
30	AIR QUALITY MONITORING AND PRESERVATION	The raw coal, washed coal and coal wastes (rejects) shall be stacked properly at earmarked site (s) within stockyards fitted with wind	PPs Submission	Noted & Agreed. The stipulated condition will be complied during implementation.



		breakers/shields. Adequate measures shall be taken to ensure that the stored mineral does not catch fire.		Agreed to Comply Attachment:NA
31	AIR QUALITY MONITORING AND PRESERVATION	The temporary reject sites should appropriate planned and designed to avoid air and water pollution from such sites.	PPs Submission	Agreed. Agreed to Comply Attachment:NA
32	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	Noted & Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
33	AIR QUALITY MONITORING AND PRESERVATION	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	PPs Submission	Noted & Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
34	AIR QUALITY MONITORING AND PRESERVATION	Basic Oxygen Furnace (BOF) gas shall be cleaned dry.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
35	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
36	AIR QUALITY MONITORING AND PRESERVATION	Low NO <sub>x</sub> Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA

37	AIR QUALITY MONITORING AND PRESERVATION	Sensors for CO, with alarm systems, should be installed inside the industry premises at suitable locations.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
38	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	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
39	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
40	WATER QUALITY MONITORING AND PRESERVATION	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
41	WATER QUALITY MONITORING AND PRESERVATION	Water meters shall be provided at the inlet to all unit processes in the steel plants.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA

42	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
43	WATER QUALITY MONITORING AND PRESERVATION	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
44	WATER QUALITY MONITORING AND PRESERVATION	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
45	WATER QUALITY MONITORING AND PRESERVATION	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
46	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	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
47	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	PPs Submission	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.

		to Coke oven plants) as amended from time to time.		Agreed to Comply Attachment:NA
48	WATER QUALITY MONITORING AND PRESERVATION	Treated water from ETP of COBP shall not be used for coke quenching.	PPs Submission	Agreed. The stipulated condition will be complied during implementation Agreed to Comply Attachment:NA
49	WATER QUALITY MONITORING AND PRESERVATION	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.	PPs Submission	Not applicable. Agreed to Comply Attachment:NA
50	WATER QUALITY MONITORING AND PRESERVATION	Heavy metal content in raw coal and washed coal shall be analysed once in a year and records maintained thereof.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
51	WATER QUALITY MONITORING AND PRESERVATION	The rejects should preferably be utilized in FBC power plant or disposed off through sale for its gainful utilization. If the coal washery rejects are to be disposed off, it should be done in a safe and sustainable manner with adequate compaction and post closure arrangement to avoid water pollution due to leachate from rejects and surface run off from reject dumping sites.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
52	WATER QUALITY MONITORING AND PRESERVATION	An Integrated Surface Water Management Plan for the washery area up to its buffer zone considering the presence of any river/rivulet/pond/lake etc. with impact of coal washing activities on it, shall be prepared, submitted to MoEFCC and implemented.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
53	WATER QUALITY MONITORING	Waste Water shall be effectively treated and recycled completely either	PPs Submission	Agreed. The stipulated condition will be complied during implementation.

	AND PRESERVATION	for washery operations or maintenance of green belt around the plant.		Agreed to Comply Attachment:NA
54	WATER QUALITY MONITORING AND PRESERVATION	Rainwater harvesting in the washery premises shall be implemented for conservation and augmentation of ground water resources in consultation with Central Ground Water Board.	PPs Submission	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
55	WATER QUALITY MONITORING AND PRESERVATION	No ground water shall be used for coal washing unless otherwise permitted in writing by competent authority (CGWA) or MoEFCC. The make-up water requirement of washery should not exceed 1.5 m <sup>3</sup> /tonne of raw coal.	PPs Submission	Agreed. The stipulated condition will be complied during implementation Agreed to Comply Attachment:NA
56	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, postmonsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	PPs Submission	Agreed. The stipulated condition will be complied during implementation Agreed to Comply Attachment:NA
57	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government	PPs Submission	Not applicable. Agreed to Comply Attachment:NA

58	WATER QUALITY MONITORING AND PRESERVATION	Air Cooled condensers shall be used in the captive power plant.	PPs Submission	Noted and agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
59	WATER QUALITY MONITORING AND PRESERVATION	Tailing management plan shall be implemented as included in EIA report.	PPs Submission	Complied. Complied Attachment:NA
60	WATER QUALITY MONITORING AND PRESERVATION	Tailings from Iron Ore beneficiation plant shall be dewatered in filter press and no slime /tailing pond shall be permitted.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
61	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
62	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
63	Noise Monitoring & Prevention	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA

64	ENERGY PRESERVATION MEASURES	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
65	ENERGY PRESERVATION MEASURES	Restrict Gas flaring to < 1%.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
66	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
67	ENERGY PRESERVATION MEASURES	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
68	ENERGY PRESERVATION MEASURES	Practice hot charging of slabs and billets/blooms as far as possible.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
69	ENERGY PRESERVATION MEASURES	Ensure installation of regenerative type burners on all reheating furnaces.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent Agreed to Comply Attachment:NA
70	ENERGY PRESERVATION MEASURES	Blast Furnaces shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the

		stock house ventilation system and slag granulation facility,		project proponent. Agreed to Comply Attachment:NA
71	ENERGY PRESERVATION MEASURES	Coke Dry Quenching (CDQ) shall be provided for coke quenching for both recovery and non-recovery type coke ovens.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
72	ENERGY PRESERVATION MEASURES	The project proponent shall provide waste heat recovery system on the DRI Kilns.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
73	ENERGY PRESERVATION MEASURES	The dolochar generated shall be used for power generation.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
74	ENERGY PRESERVATION MEASURES	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	agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
75	ENERGY PRESERVATION MEASURES	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
76	WASTE MANAGEMENT	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.



				Agreed to Comply Attachment:NA
77	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
78	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
79	WASTE MANAGEMENT	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA

80	WASTE MANAGEMENT	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
81	WASTE MANAGEMENT	Solid waste utilization a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
82	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	Agreed. The stipulated condition will be complied during implementation Agreed to Comply Attachment:NA
83	WASTE MANAGEMENT	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
84	WASTE MANAGEMENT	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA

85	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
86	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. Agreed to Comply Attachment:NA
87	WASTE MANAGEMENT	Rejects from coal washery shall only be used either in the captive power plant (or) in the Thermal Power Plants meeting emission standards.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
88	GREENBELT	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent Agreed to Comply Attachment:NA
89	GREENBELT	Project proponent shall submit a study report within six months 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.	PPs Submission	Noted & Agreed. Agreed to Comply Attachment:NA
90	GREENBELT	The industry should draw up and implement an action plan for achieving carbon neutrality consistent with India's commitment to	PPs Submission	Noted and agreed. Agreed to Comply Attachment:NA

		achieving carbon neutrality. The action plan should contain milestones with targets to be achieved in suitable periods.		
91	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
92	GREENBELT	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
93	GREENBELT	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
94	GREENBELT	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 structures to be removed after the completion of the project.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
95	GREENBELT	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
96	Human Health Environment	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	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent.

		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.		Agreed to Comply Attachment:NA
97	Human Health Environment	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	Complied The company shall have a well laid down environmental policy duly approve by the Board of Directors. Copy of approved Policy is enclosed as Annexure-III. Complied Attachment: <a href="#">Click to View</a>
98	Human Health Environment	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.	PPs Submission	Agreed. As stated in point no-ii, the construction work for the project is yet to start; The stipulated conditions will be complied by the project proponent. Agreed to Comply Attachment:NA
99	Human Health Environment	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	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
100	MISCELLANEOUS	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions	PPs Submission	Complied, The accorded EC was advertised in English and vernacular language newspaper as follows: 1. The Eco of India, Kolkata, Saturday 14.10.2023 (

		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.		English) 2. Aajkal, Kolkata, S14.10.2023 (Bengali). Also , Copy of EC is uploaded on the website of the company <a href="https://orissametaliks.com/">https://orissametaliks.com/</a> Copy of EC advertisement is enclosed as Annexure-I. Complied Attachment: <a href="#">Click to View</a>
101	MISCELLANEOUS	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	PPs Submission	Complied. Local authorities have been intimated about grant of EC to District Magistrate; Lachmapur Gram Panchayat; Block Development Officer, Kharagpur-II, Block Development Officer, Kharagpur-I Copy of intimation letter enclosed as Annexure-II. Complied Attachment: <a href="#">Click to View</a>
102	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	Noted. Being Complied Attachment:NA
103	MISCELLANEOUS	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
104	MISCELLANEOUS	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
105	MISCELLANEOUS	The project proponent shall submit six-monthly reports on the status of the	PPs Submission	Noted. In compliance to the point this half yearly report is being submitted.

		compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.		Being Complied Attachment:NA
106	MISCELLANEOUS	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	PPs Submission	Agreed. The stipulated condition will be complied during implementation. Agreed to Comply Attachment:NA
107	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	Noted and agreed. Company has obtained CTE from WBPCB vide NOC NO183636 vide memo no. 848-2n-09/2018(E)-Part-I Dated 11.12.2023. Copy is already submitted with Six Monthly EC compliance – DEC 2023 issued vide letter no- OASPL (TIL)/ENV COMPL/DEC 2023 dated 30.11.2023 Agreed to Comply Attachment:NA
108	MISCELLANEOUS	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	PPs Submission	Noted and agreed. Agreed to Comply Attachment:NA
109	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. Agreed to Comply Attachment:NA

110	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	Complied. Copy of EC is uploaded on the website of the company <a href="https://orissametaliks.com/">https://orissametaliks.com/</a> Agreed to Comply Attachment:NA
111	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	Agreed and noted. Agreed to Comply Attachment:NA
112	MISCELLANEOUS	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	PPs Submission	Agreed and noted. Agreed to Comply Attachment:NA
113	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PPs Submission	Noted. Agreed to Comply Attachment:NA
114	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	PPs Submission	Agreed and noted Agreed to Comply Attachment:NA



115	MISCELLANEOUS	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports,	PPs Submission	Agreed. Agreed to Comply Attachment:NA
116	MISCELLANEOUS	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PPs Submission	Noted. Agreed to Comply Attachment:NA

### Document uploaded by the PP

**Last Site Visit Report (if available)**

NA

**Additional Attachment (if any)**

[Click to View](#)

**Last Site Visit Report Date (if available)**

**Additional Remarks (if any)**

- I 'ORISSA ALLOY STEEL PVT. LTD.' 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.

### Cover Letter From RO/SRO

**Cover Letter From RO/SRO**

NA

[Back](#)





Ref: OASPL/TIL/EC/23-24/01

Date: 13.10.2023

To,  
The District Magistrate  
Office of the District Magistrate,  
Paschim Medinipur,  
West Bengal - 721101

**Sub: Intimation for obtaining Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakpur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal.**

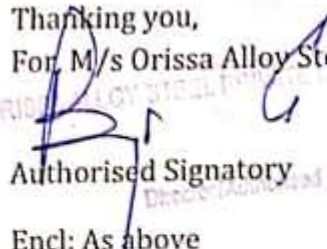
Dear Sir,

With reference to the above subject, we would like to intimate you that Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakpur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal has been accorded by Ministry of Environment, Forest and Climate Change, Government of India vide EC Identification No. EC22A1001WB5860208N & File no- IA-J-11011/518/2021-IA-II(IND-I) dated 12.10.2023.

Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,  
For, M/s Orissa Alloy Steel Pvt Ltd

  
Authorised Signatory

Encl: As above

Received Contents Not Verified  
17/10/2023  
Control Room Section,  
Paschim Medinipur

**ORISSA ALLOY STEEL PRIVATE LIMITED**

CORPORATE ADDRESS: PREMLATA BUILDING, 39 SHAKESPEARE SARANI, 6<sup>TH</sup> FLOOR, ROOM NO. 3 & 4, KOLKATA - 700 017  
CIN:U27320WB2019PTC234383

Ref: OASPL/TIL/EC/23-24/04

Date: 13.10.2023

To,  
The Block Development Officer  
Kharagpur-I Development Block,  
Dist.- Paschim Medinipur, West Bengal

**Sub: Intimation for obtaining Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakpur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal.**

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Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,  
For, M/s Orissa Alloy Steel Pvt Ltd

ORISSA ALLOY STEEL PRIVATE LIMITED

Authorised Signatory  
Director/Authorised Signatory

Encl: As above



ORISSA ALLOY STEEL PRIVATE LIMITED

o/c

CORPORATE ADDRESS: PREMLATA BUILDING, 39 SHAKESPEARE SARANI, 6<sup>TH</sup> FLOOR, ROOM NO. 3 & 4, KOLKATA - 700 017  
CIN:U27320WB2019PTC234383

Ref: OASPL/TIL/EC/23-24/03

Date: 13.10.2023

To,  
The Block Development Officer  
Kharagpur-II Development Block,  
Dist.- Paschim Medinipur, West Bengal



**Sub:** Intimation for obtaining Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jampur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal.

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Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,

For, M/s Orissa Alloy Steel Pvt Ltd

ORISSA ALLOY STEEL PRIVATE LIMITED

Authorised Signatory

Director/Authorised Signatory

Encl: As above



Ref: OASPL/TIL/EC/23-24/02

Date: 13.10.2023

To,  
The Lachmapur Gram Panchayet  
Kharagpur-II Panchayat Samity,  
Paschim Medinipur, West Bengal

**Sub: Intimation for obtaining Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakpur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal.**

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Environment Clearance copy is attached herewith.

This is for your kind information.


Thanking you,

For M/s Orissa Alloy Steel Pvt Ltd

ORISSA ALLOY STEEL PRIVATE LIMITED

Authorised Signatory  
Director/Authorised Signatory

Encl: As above

  
16.10.23  
Pradhan  
Lachmapur Gram Panchayat  
Kharagpur-II Panchayat Samity

Ref: OASPL/TIL/EC/23-24/01

Date: 13.10.2023

To,  
Kharagpur-II Panchayat Samity  
Office of the Kharagpur-II Panchayat Samity,  
Paschim Medinipur, West Bengal

**Sub: Intimation for obtaining Environment Clearance for Integrated Steel Plant of capacity 0.9 Million Ton per Annum (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by M/s Orissa Alloy Steel Pvt. Ltd., located at Mouza - Chakganesh (J.L. No. 225), Malipur (J.L. No. 226) & Baradiha (J.L. No. 227), P.O. - Jakpur BO, P.S.- Kharagpur (Local), Dist. - Paschim Medinipur, West Bengal.**

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Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,  
For, M/s Orissa Alloy Steel Pvt Ltd  
ORISSA ALLOY STEEL PRIVATE LIMITED

Authorised Signatory  
Director/Authorised Signatory

Encl: As above





# ORISSA ALLOY STEEL PVT. LTD.

## CORPORATE ENVIRONMENT POLICY

**M/s Orissa Alloy Steel Private Limited** (Formerly M/s Rashmi Alloy Steel Private Limited), a wholly own subsidiary of M/s Orissa Metaliks Private Limited (OMPL), is originally incorporated under Company Act on 17<sup>th</sup> October, 2019 with the name of Rashmi Alloy Steel Private Limited and later on company name is change to Orissa Alloy Steel Pvt. Ltd on 17<sup>th</sup> April, 2020 having its registered Office at Room No-3B, 1, Garstin Place, Kolkata - 700001 in West Bengal got impetus from its promoter through systematic funding. Rashmi group is a fast growing Group in the field of manufacturing steel and cement. The Group has developed core competence in minerals, steel and cement with 20 years of experience.

- The company, Orissa Alloy Steel Private Limited, recognizes its joint responsibility with the Government and the Public to protect environment and is committed to regulate all its activities so as to follow best practicable means for minimizing adverse environmental impact arising out of its operations.
- The aim of the Policy is to do all that is reasonably practicable to prevent or minimize, encompassing all available knowledge and information, the risk of an adverse environmental impact arising from manufacturing and supply of our products.
- This Policy document reflects the continuing commitment of the Board for sound Environment Management of its operations. The Policy is applicable to all company operations covering manufacturing, sales and distribution and other offices. This document defines the aims and scope of the Policy as well as responsibilities for the achievement of the objectives laid down.

### THE VISION

Our business approach not only seeks to minimize our environmental footprint but also contribute in enhancing the environmental quality in and around our work area. All of our operational units are certified under is an **ISO 9001, 14001 & OHSAS 18001** standards and strictly follow defined operating procedures.

### ENVIRONMENT POLICY

**Orissa Alloy Steel Private Limited** (OASPL) is committed to meeting the needs of customers in an environmentally sound manner, through continuous improvement in environmental performance in all our activities. Management at all levels, jointly with employees, is responsible and will be held accountable for company's environmental performance.

Accordingly, OASPL aims to:

- ❖ Continuously assess our environmental impacts and measure and improve our environmental performance by adopting best practices for prevention and control of pollution.
- ❖ Ensure safety of its products and operations for the environment by using standards of environmental safety, which are scientifically sustainable and commonly acceptable.
- ❖ Develop, introduce and maintain environmental management systems across the company to meet the company standards as well as statutory requirements for environment. Verify compliance with these standards through regular auditing.
- ❖ Make continuous efforts to reduce water intensity and fresh water usage by increased use of harvested and recycled water in our operation.
- ❖ Reduce waste, conserve energy and explore opportunities for reuse and recycle.

- ❖ Conduct all our operations in an environmentally responsible manner that is better than statutory environment compliances and applicable standards.
- ❖ Involve all employees in the implementation of this Policy and provide appropriate training.
- ❖ Work in partnership with external bodies and Government agencies to promote environmental care, increase understanding of environmental issues and disseminate good practices.

### **CORPORATE RESPONSIBILITIES**

The Directors/ Chairman of the Company is responsible for the Compliance of the Policy. The Directors/ Chairman shall constitute a Cell called as Corporate Environment Cell (CEC). The CEC is committed to conduct the company operations in an environmentally sound manner. The CEC will:

- ❖ Set standards and establish environmental improvement objectives and targets for OASPL as a whole and for individual units, and ensure these are included in the annual operating plans.
- ❖ Formally review environment performance of the company and report environmental performance to the Board of Directors/ Chairman of the company directly once every quarter.
- ❖ In case of emergency (non-compliance/deviation/violation/ major accident) immediate reporting to be done to the Directors/ Chairman of the Company.
- ❖ Review environment performance on monthly basis and recognise exemplary performance.

The overall responsibilities for environment management at plant level rest with Head of Environment Department. The Head of Environment Department will:

- ❖ Ensure implementation of Policy on environment at plant level and review, report environment performance of the plant to the Board of Directors/ Chairman of the company through CEC Cell once every quarter.
- ❖ In case of emergency (non-compliance/deviation/violation/ major accident) Head of Environment Department will do immediate reporting to the Directors/ Chairman of the Company.

The Corporate Environment Cell in coordination with Head of Environment Department will:

- ❖ Ensure implementation of Policy on environment and compliance with the Company's environmental standards and the standards stipulated as per law.
- ❖ Prevention of incidents or accidents that might result from abnormal operating conditions and
- ❖ Reduction of adverse effects that result from normal operating conditions.
- ❖ Establish appropriate management systems for environment management and ensure regular auditing to verify compliance.
- ❖ Establish systems for appropriate training in implementation of Environment Management Systems at work.
- ❖ Ensure periodic 3rd party environment audits through certification bodies to check efficacy of the Environment Management Systems
- ❖ Participate, wherever possible, with appropriate industry and Government bodies advising on environmental legislation and interact with national and local authorities concerned with protection of environment.

### **INDIVIDUAL UNITS RESPONSIBILITIES**

The overall responsibility for environment management at each unit will rest with the unit's head who will ensure implementation of Policy on environment at unit level and report to Head of Environment Department

or CEC Cell as the case may be on monthly basis. Concerned line managers / heads of departments are responsible for environmental performance at department levels.

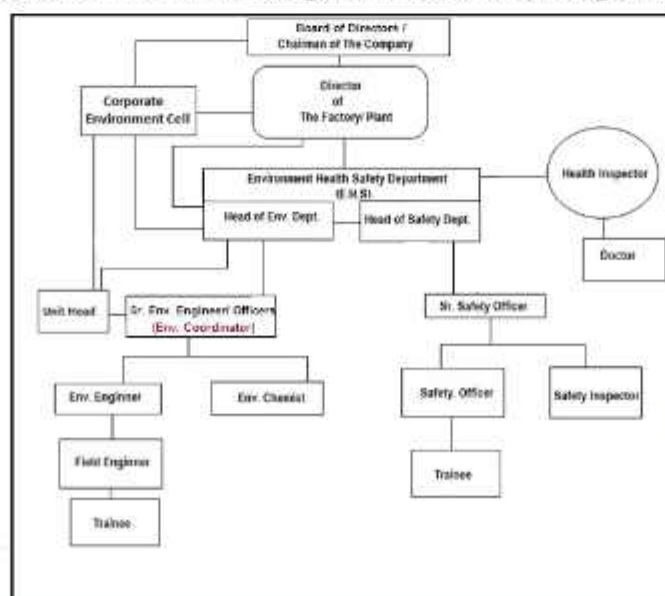
In order to full fill the requirements of the Policy at each site, the Unit Head will:

- ❖ Designate a unit environment coordinator who will be responsible for co-ordinating environmental activities at unit, collecting environmental data and providing expert advice and reporting environmental performance to the Unit Head on day to day or weekly basis as the case may be.
- ❖ Agree with the coordinator responsible for the unit specific environmental improvement objectives and targets for the unit and ensure that these are incorporated in the annual objectives of the concerned managers and officers and are reviewed periodically.
- ❖ Ensure that the unit complies with OASPL environmental standards and the relevant national and state regulations with respect to environment.
- ❖ Ensure that all new operations are subjected to a systematic and formal analysis to assess environmental impact. Findings of such exercises should be implemented prior to commencement of the activity.
- ❖ Regularly review environment performance of the unit against set objectives and targets and strive for continual improvement.

The Unit Head, through the Designate unit environment coordinator will:

- ❖ Ensure periodic audits to verify compliance with environment management systems.
- ❖ Ensure dissemination of relevant information on environment within the unit and to outside bodies, and regularly interact with Government authorities concerned for protection of environment.
- ❖ Maintain appropriate emergency procedures consistent with available technologies to prevent / control environmental incidents.
- ❖ Also ensure periodic 3rd party environment audits through certification bodies to check efficacy of the Environment Management Systems.
- ❖ Sustain a high degree of environmental awareness through regular promotional campaigns and employee participation through training, safety committees, emergency drills etc.
- ❖ Provide appropriate training to all employees.
- ❖ Report environmental performance to Corporate Environment Cell on a monthly basis.

The Hierarchy of our Corporate Environment management Cell that is being strictly followed is:



Date:-15.07.2021

**CERTIFIED TRUE COPY**  
For CRISALLOY STEEL PRIVATE LIMITED

Director / Authorized Signatory