



सत्यमेव जयते

**Government of India
Ministry of Environment, Forest and Climate Change**



Date: 13/11/2024

ACKNOWLEDGEMENT

This is to acknowledge that Real Ispat and Power Limited has provided the information on PARIVESH Portal in respect of For proposed "increase in production capacity of existing Hot Charging Rolling Mill Capacity from 2,40,000 TPA to 3,88,350 TPA. without increase in the Pollution Load in the existing plant premises as per Gazette Notification dated 23rd November 2016 & 16th January, 2020 & 2nd March 2021 issued by Ministry of Environment, Forest & Climate Change. in the format attached herewith under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O.980 (E), dated 02nd March 2021.

To claim exemption from obtaining Prior Environment Clearance under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O 980 (E) dated 02nd March 2021 in respect of any increase in production capacity with or without any change in (i) raw material-mix or (ii) product-mix or (iii) quantities within products or (iv) number of products including new products falling in the same category or (v) configuration of the plant or process or (vi) operations in existing area or (vii) In areas contiguous to the existing area specified in the environmental clearance of the project, the project proponent / SPCB or UTPCC shall follow the following process:

1. The project proponent shall inform the SPCB or UTPCC, as the case may be, in specified format along with: (i) 'No increase in Pollution Load' certificate from the Environmental Auditor or reputed institutions empanelled by the SPCB or UTPCC or CPCB or Ministry; (ii) last Consent to Operate certificate for the project or activity; and (iii) online system generated acknowledgement of uploading of intimation and 'no increase in pollution load' certificate on PARIVESH Portal.
2. Based on the submission of above information, the project proponent may carry on the proposed activity as per the submitted details. However, if on verification the SPCB or UTPCC, as the case may be, holds that the change or expansion or modernization will result or has resulted in increase in pollution load, the exemption claimed under this clause shall not be valid and it shall be deemed that the project proponent was liable to obtain Prior Environmental Clearance before under taking such changes or increase, as per the clause (a) of sub-paragraph (ii) of paragraph 7 of EIA Notification, 2006 and the provisions of Environment (Protection) Act, 1986 shall apply accordingly.

Encl: Attached the Information provided by the project proponent

[CAFForm 10](#)

Application for No Increase in Pollution Load - Form-10

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Basic Details

1.		Whether Project /Activity accorded prior EC?		Yes
1.1.		2145/SEIAA-CG/EC/Ind.And RM/Raipur/443		
Proposal No.				
1.2.		Real Ispat & Power Limited		
Name of Project				
1.3.		7(ii) (b)		
Whether the Project Activity attracts the provisions under				
1.3.1.		Category		B1
1.3.2.		Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?		Yes
1.3.3.		Whether multiple items (Components) as per the notification involved in the proposal?		No
1.3.3.1.		Item No. as per schedule to EIA Notification, 2006 for Major Activity		3(a) Metallurgical Industries (ferrous and non ferrous) Primary Metallurgical Industry - All Projects
1.3.3.2.		Capacity		0.5483 MTPA
1.3.3.3.		Whether Project/Activity falls in 'B2' Category		No
2.		Whether the project proposed to be located in the Notified industrial area?		No

3. Details of Consent under Air (P&CP) Act, 1981 & Water (P&CP) Act, 1974

Consent No/Application No	Date	Valid Up to	Copy of Consent order
9925/TS/CECB/2024	11/03/2024	28/02/2025	latest cto.pdf Preview

4. Details of Authorization under Hazardous & Other Waste Management Rules, 2016 and subsequent amendment

Authorization No./ Application No	Date	Valid Up to	Copy of Authorization order
9925/TS/CECB/2024	11/03/2024	28/02/2025	latest cto.pdf Preview

Product Details

1. Details of products & by-products including changes in product mix

List of products/by-products permitted under EC / CTO with CAS Number	Quantity permitted under EC / CTO	Unit	List of products/by-products proposed under clause 7(ii)(b) with CAS Number	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Rolled Products through Through Re-Heating Furnace	160000	TPA	Rolled Products through Through Re-Heating Furnace	160000	TPA	No Change
Rolled Products through Hot Charging	240000	TPA	Rolled Products through Hot Charging	388350	TPA	Rolled Products through Hot Charging Increase from 2,40,000 TPA to 3,88,350 TPA
Hot Billets	400000	TPA	Hot Billets	400000	TPA	No Change

2. Details of Raw materials including water consumption and fuel consumption including changes in the raw material mix

List of raw materials envisaged under EC / CTO with CAS Number	Quantity permitted under EC/CTO	Unit	List of raw materials proposed under clause 7(ii)(b)	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Billets for Reheating	176000	TPA	Billets for Reheating	176000	TPA	No Change
Hot Billets	249600	TPA	Hot Billets	400000	TPA	1,50,400 TPA Increase
Indian Coal for Coal Gasifier (2 x 8,200 NM3/Hr)	49200	TPA	Indian Coal for Coal Gasifier (1 x 8,200 NM3/Hr)	24600	TPA	50 % Decrease
Sponge Iron	404000	TPA	Sponge Iron	404000	TPA	No Change
MS Scrap/Pig Iron/End Cuttings	60000	TPA	MS Scrap/Pig Iron/End Cuttings	60000	TPA	No Change
Ferro Alloys	20000	TPA	Ferro Alloys	20000	TPA	No Change

2.1.

Approval for additional water consumption if applicable

No

3. Details of Effluent Generation

3.1. Quantity

Propose	Quantity of existing effluent generation in KLD (as per EC/CTO)	Quantity of effluent generation after the proposed change in product or raw material mix in KLD	Mode of Disposal Ultimate Receiving Body
Industrial	0	0	Zero Liquid Discharge (ZLD) will be followed

3.2. Quality

Composition as per the EC/CTO	Concentration as per EC/CTO in (mg/L)	Composition after proposed change in product or raw material mix	Concentration after proposed change in product or raw material mix in (mg/L)	Remarks, if any
pH:- 6.5-8.5, TSS:- 100 mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l	0	pH:- 6.5-8.5, TSS:- 100 mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l	0	Nil

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatment facility existing (with capacity in KLD)	Total load in respect of Effluent after proposed change in product or raw material mix in KLD	Treatment facility proposed with capacity after proposed change in product or raw material mix in KLD	Remarks if any
0	0	0	0	There will be no additional effluent generation with proposed NIPL

3.4. Details of effluent management

3.4.1. Whether Segregation of Concentrated stream and its disposal is proposed?	No
7.4.2. Whether Reduction / Recycle / Reuse of effluent are proposed?	No
7.4.3. Whether any additional Effluent Treatment Facilities Provided?	No
7.4.4. Whether is there any proposal for up-gradation of ETP?	No
7.4.5. Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility?	No
7.4.6. Whether it is Proposed to achieve zero discharge?	Yes
7.4.6.1. Brief report on Proposal to achieve zero discharge with technical justification and feasibility	Effluent Management.pdf Preview
7.4.7. Whether Project has Membership of CETP?	No

Emission Generation

1. Details of Emission Generation

1.1.

Quantity

(i) From Stacks

Point Source (s)	Height of stack (m)	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
PM from Reheating Furnace attached to Coal Gasifier plant	43	219.46	Kg Per Day	219.46	Kg Per Day	109.73	Kg Per Day	109.73	Kg Per Day
SO ₂ from Reheating Furnace attached to Coal Gasifier plant	43	1488	Kg Per Day	1488	Kg Per Day	744	Kg Per Day	744	Kg Per Day
NO _x from Reheating Furnace attached to Coal Gasifier plant	43	881.28	Kg Per Day	881.28	Kg Per Day	440.64	Kg Per Day	440.64	Kg Per Day

(ii) From Fugitive sources

Fugitive Sources	Height of discharge in m	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
Nil	0	0	Kg Per Day	0	Kg Per Day	0	Kg Per Day	0	Kg Per Day

(iii) From other sources

Other Source(s)	Height of discharge in m	As per EC / CTO			After proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
Nil	0	0		0	Kg Per Day	0	Kg Per Day	0	Kg Per Day

1.2.

Quality

Stack attached to	Stack Height in Meter	APCM	Parameter	Concentration			
				As per EC / CTO	Unit	After the proposed change in product or raw material mix	Unit
Re Heating Furnace with Coal Gasifier plant	43	Stack	PM	219.46	Kg Per Day	109.73	Kg Per Day

2.

Total load in respect of Emission

Total load in respect of emission as per the EC / CTO	Unit	APCM existing with capacity	Unit	Total load in respect of emission after proposed change in product or raw material mix	Unit	APCM proposed with capacity after proposed change in product or raw material mix	Unit	Remarks if any
219.46	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	109.73	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	50% Reduction

3.Details of emission management

3.1. Whether there is any Proposal for switching over to cleaner fuel?	No
3.2. Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program)	No
3.3. Whether there is Proposal for the installation of new APCM? (with time-bound program)	No

1.Hazardous Waste Generation

1.1.

Quantity and type of waste

Type of Waste	Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016)	Generation per Year						
		Existing as per the EC / CTO	Unit	After Change in Product Mix	Unit	Source of Generation	Mode of Storage	Mode of Treatment & Disposal method
End cuttings	Non Hazardous	12000	Tons per Annum (TPA)	16450	Tons per Annum (TPA)	Rolling Mill	Covered Shed	Reused in SMS.

Type of Waste	Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016)	Generation per Year						
		Existing as per the EC / CTO	Unit	After Change in Product Mix	Unit	Source of Generation	Mode of Storage	Mode of Treatment & Disposal method
Slag from SMS	Non Hazardous	40000	Tons per Annum (TPA)	40000	Tons per Annum (TPA)	Induction Furnaces	Covered Shed	Slag from SMS will be crushed and iron will be recovered & then remaining non -magnetic material being inert by nature will be given to road contractors for road laying.
Mill scales	Non Hazardous	3200	Tons per Annum (TPA)	3200	Tons per Annum (TPA)	Rolling Mill	Covered Shed	Given to nearby brick manufacturing units

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	No
1.2.2. Whether Project has Membership of Common Secured Landfill Site?	No
1.2.3. Whether Project has Membership of Common hazardous waste incineration facility	No

2.

No Increase in Pollution Load certificates from the authorized environmental auditor and countersigned by Project Proponent

2.1. Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC	Institution Empaneled By the MoEFCC
2.2.	nipl certificate.pdf Preview

Upload the Certificate of 'No Increase in Pollution' Load.

3.

Online Continuous effluent/emission Monitoring System

Quantity

							Date of connection to the servers of	
Attribute	Constituents	Date of installation	Details calibration of OCEMS	No. of time data exceeds the limit	Value Exceeded	Status of OCEMS functioning	CPCB	SPCB
Emissions	PM < 50 mg/Nm3(Rolling Mill)	25/11/2016	Last Calibration date 15-10-2024	0	0	Yes	02/12/2016	02/12/2016
Emissions	PM < 50 mg/Nm3(Power Plant)	24/05/2015	Last Calibration date 08-05-2024	0	0	Yes	06/06/2018	06/06/2018
Emissions	PM < 50 mg/Nm3(SMS Unit)	03/06/2020	Last Calibration date 15-10-2024	0	0	Yes	03/06/2020	03/06/2020

1.Additional Information

S. No.	Document Name	Remark	Document
1	Project Report	Project Report	project report -real ispat.pdf Preview
2	EC Copy	EC Copy	ec from seiaa 07.08.2014.pdf Preview
3	Solid Waste Management	Solid Waste Management	solid waste management.pdf Preview
4	Emission Management	Emission Management	emission management.pdf Preview
5	Effluent Management	Effluent Management	effluent management.pdf Preview
6	CTO Copy	CTO Copy	latest cto.pdf Preview
7	NIPL Certificate	NIPL Certificate	nipl certificate.pdf Preview

1.Undertaking

I hereby give undertaking that the data and information given in the application 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 is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to the above, I hereby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Shiv Agrawal
1.2. Designation	Director
1.3. Company	Real Ispat and Power Limited

1.4. Address	UrlaBendri Road, Borjhara, Raipur 
1.5. Date	13-11-2024

