



सत्यमेव जयते

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



Date: 17/10/2024

ACKNOWLEDGEMENT

This is to acknowledge that CREST STEEL AND POWER PVT LTD has provided the information on PARIVESH Portal in respect of Proposed "Increase in production capacity of existing DRI plant of 2 x 350 TPD Kilns from 2,31,000 TPA to 2,79,312 TPA Capacity 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.		Yes
Whether Project /Activity accorded prior EC?		
1.1.	F.No. J-11011/753/2008-IA II (I)	
Proposal No.		
1.2.	Crest Steel & Power Private Limited	
Name of Project		
1.3.	7(ii) (b)	
Whether the Project Activity attracts the provisions under		
1.3.1.	A	
Category		
1.3.2.	Yes	
Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?		
1.3.3.	No	
Whether multiple items (Components) as per the notification involved in the proposal?		
1.3.3.1.	3(a) Metallurgical Industries (ferrous and non ferrous)	Primary Metallurgical Industry - All Projects
Item No. as per schedule to EIA Notification, 2006 for Major Activity		
1.3.3.2.	0.2793	MTPA
Capacity		
1.3.3.3.	No	
Whether Project/Activity falls in 'B2' Category		
2.	No	
Whether the project proposed to be located in the Notified industrial area?		

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
7690/TS/CECB/2022	28/01/2022	31/01/2025	renewal of consent 02-02-2022.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
7690/TS/CECB/2022	28/01/2022	31/01/2025	renewal of consent 02-02-2022.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
Sponge Iron(DRI Kilns)	231000	TPA	Sponge Iron(DRI Kilns)	279312	TPA	20.91 % Increase

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
Dolomite	9240	TPA	Dolomite	11171	TPA	(+) 1,931 TPA Increase
Iron Ore	369600	TPA	Pellets	405002	TPA	(+) 35,402 TPA Increase
Indian Coal	300300	TPA	High Grade Indian Coal	251381	TPA	(-) 48,919 TPA Reduction
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
Domestic	20	20	Zero Liquid Discharge 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	0	pH:- 6.5-8.5, TSS:- 100	0	Nil

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
mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l		mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l		

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 wastewater generation after the proposed enhancement in production capacity, as the proposed enhancement is change in raw material.

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
SO2 from 2 x 350 TPD DRI Kilns	85	10920.96	Kg Per Day	10920.96	Kg Per Day	9141.12	Kg Per Day	9141.12	Kg Per Day
NOx from 2 x 350 TPD DRI Kilns	85	760.32	Kg Per Day	760.32	Kg Per Day	476.92	Kg Per Day	476.92	Kg Per Day
PM from 2 x 350 TPD DRI Kilns	85	190.08	Kg Per Day	190.08	Kg Per Day	95.04	Kg Per Day	95.04	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
2 x 350 TPD DRI Kilns	85	ESP	PM	190.08	Kg Per Day	95.04	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
190.08	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	95.04	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm3)	(-)50.0% 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
Wet Scrapper sludge	Non-Hazardous	11000	Tons per Annum (TPA)	11172	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be given to brick manufacturing units
Ash	Non-Hazardous	41580	Tons per Annum	36311	Tons per Annum	DRI Kilns	Covered Shed	Will be given to brick

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
			(TPA)		(TPA)			manufacturing units
Accretion Slag	Non-Hazardous	2080	Tons per Annum (TPA)	2514	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be given to brick manufacturing units
Dolochar	Non-Hazardous	69300	Tons per Annum (TPA)	55862	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be utilized in exiting FBC Power Plant

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. Upload the Certificate of 'No Increase in Pollution' Load.	nipl certificate_.pdf Preview

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	16/10/2023	Last Calibration: 25.10.2023	0	0	Yes	31/10/2023	31/10/2023

1. Additional Information

S. No.	Document Name	Remark	Document
1	KML File	KML File	crest steel nipl.kml Preview
2	Solid waste management	Solid waste management	solid waste managment.pdf Preview
3	Emission Management	Emission Management	emission management.pdf Preview
4	Effluent Management	Effluent Management	effluent management.pdf Preview
5	CTO Copy	CTO Copy	cto copy.pdf Preview
6	CFE Copy	CFE Copy	cfe copy.pdf Preview
7	EC Copy	EC Copy	ec copy.pdf Preview
8	Project Report	Project Report	project report -crest.pdf Preview
9	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	Manmohan S Dhanuka
1.2. Designation	Director
1.3. Company	CREST STEEL AND POWER PVT LTD
1.4. Address	village- Joratarai, Post - Mangatta, Dist. Rajnandgaon, Chhattisgarh.
1.5. Date	16-10-2024