सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change

Date: **29/07/2024**

ACKNOWLEDGEMENT

This is to acknowledge that SHAURYA ISPAT UDYOG PRIVATE LIMITED has provided the information on PARIVESH Portal in respect of For proposed “Change in the DRI plant configuration from 2x500 TPD DRI Kilns to 2x350TPD,1x300TPD DRI Kilns and Combined Stack for 2x350TPD DRI Kilns and Combined Stack proposed to 1x300TPD DRI Kiln & FBC Power Plant of 1x10M,& Separate Stack for FBC Power Plant of 1x10MW 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. Proposal No.	IA/CG/IND1/456760/2023
1.2. Name of Project	Proposed Greenfield steel plant comprising of DRI Kilns (2 x 500 TPD) – 3,30,000 TPA, WHRB based Power Plant – 2 x 10 MW, FBC based Power Plant –2 x 10 MW, Ferro Alloys Unit (2 x 9 MVA)FeSi – 14,000 TPA/ FeMn – 25,200 TPA/ SiMn – 28,800 TPA/FeCr –30,000 TPA,Pig Iron – 50,400 TPA), Briquetting Plant (200 Kg/Hr.)& Brick Manufacturing unit (30,000 Bricks / Day) in Phased Manner
1.3. Whether the Project Activity attracts the provisions under	7(ii) (b)

1.3.1. Category	A
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	0.330	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
IA/CG/IND1/456760/2023	08/05/2024	07/05/2034	shaurya ispat - ec.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
IA/CG/IND1/456760/2023	08/05/2024	07/05/2034	shaurya ispat - ec.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	330000	TPA	Sponge Iron	330000	TPA	2 x 350 TPD & 1 x 300 TPD • Present Proposal is Change in DRI Plant Configuration only. • Combined Stack for 2 x 350 TPD DRI Kilns and Combined Stack proposed to 1 x 300 TPD DRI Kiln & FBC Power Plant of 1 x 10 MW, & Separate Stack for FBC Power Plant of 1 x 10 MW.

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
Pellets (100 %)	478500	TPA	Pellets (100 %)	478500	TPA	No Change
Iron ore (100%)	528000	TPA	Iron ore (100%)	528000	TPA	No Change
Indian Coal	429000	TPA	Indian Coal	429000	TPA	No Change
Dolomite	16500	TPA	Dolomite	16500	TPA	No Change
Imported Coal	274560	TPA	Imported Coal	274560	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 generati on 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	• There will be no effluent generation due to the Present Proposal, as there is no additional water requirement due to Present Proposal.

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:-8.5, TSS:-100 mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l.	0	pH:-8.5, TSS:-100 mg/l, TDS:- 2100 mg/l, Oil and Grease:- 10mg/l.	0	There will be no additional effluent generation with Proposed NIPL

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatmen t 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 mamanagment.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
PM10 From FBC Power Plant	71	107.14	Kg Per Day	107.14	Kg Per Day	107.14	Kg Per Day	107.14	Kg Per Day
PM2.5 From FBC Power Plant	71	62.2	Kg Per Day	62.2	Kg Per Day	62.2	Kg Per Day	62.2	Kg Per Day
SOx From DRI Kilns	77	9984	Kg Per Day	9984	Kg Per Day	9984	Kg Per Day	9984	Kg Per Day
PM2.5 From DRI Kilns	77	217.72	Kg Per Day	217.72	Kg Per Day	217.72	Kg Per Day	217.72	Kg Per Day
SOx From FBC Power Plant	71	354.24	Kg Per Day	354.24	Kg Per Day	354.24	Kg Per Day	354.24	Kg Per Day
NOx From DRI Kilns	77	2367.36	Kg Per Day	2367.36	Kg Per Day	2367.36	Kg Per Day	2367.36	Kg Per Day
PM10 From DRI Kilns	77	362.88	Kg Per Day	362.88	Kg Per Day	362.88	Kg Per Day	362.88	Kg Per Day
NOx From FBC Power Plant	71	354.24	Kg Per Day	354.24	Kg Per Day	354.24	Kg Per Day	354.24	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
DRI Kilns	77	ESP	PM10	362.88	Kg Per Day	362.88	Kg Per Day
FBC Boiler	71	ESP	PM10	107.14	Kg Per Day	107.14	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
279.92	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm3)	279.92	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm3)	No Change

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
Ash from FBC Power Plant (with Indian Coal + dolochar)	Non-Hazardous	78210	Tons per Annum (TPA)	78210	Tons per Annum (TPA)	FBC Power Plant	Covered Shed	Will be given to brick manufacturing units
Accretion Slag from DRI Kilns	Non-Hazardous	2970	Tons per Annum (TPA)	2970	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be given to brick manufacturing units
Wet Scrapper sludge from DRI Kilns	Non-Hazardous	13200	Tons per Annum (TPA)	13200	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be given to brick manufacturing units
Dolochar from DRI Kiln	Non-Hazardous	66000	Tons per Annum (TPA)	66000	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be utilized in FBC Power Plant
Ash from DRI Kilns	Non-Hazardous	59400	Tons per Annum (TPA)	59400	Tons per Annum (TPA)	DRI Kilns	Covered Shed	Will be given to 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	No

waste incineration facility	

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 certificate27-07-2024_.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 <30 mg/Nm3	08/05/2024	NA	0	0	No	No	No

1.Additional Information

S. No.	Document Name	Remark	Document
1	NIPL Certificate	NIPL Certificate	nipl certificate27-07-2024_.pdf Preview
2	KML File	KML File	shaurya tilda 27.02.2023.kml Preview
3	Solid Waste management	Solid Waste management	solid waste managment.pdf Preview
4	Effluent Management	Effluent Management	effluent mamanagment.pdf Preview
5	Emission Management	Emission Management	emission management.pdf Preview
6	Project Report	Project Report	project report -shaurya ispath.pdf Preview
7	EC Copy	EC Copy	shaurya ispat - ec.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 hearby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Asheesh Saurabh Kedia

1.2. Designation	Director
1.3. Company	SHAURYA ISPAT UDYOG PRIVATE LIMITED
1.4. Address	A-301, Ashoka Kohinoor, Ashoka Ratan, Raipur, Chhattishgarh
1.5. Date	27-07-2024