



सत्यमेव जयते

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



Date: **19/07/2024**

**ACKNOWLEDGEMENT**

This is to acknowledge that SUGNA SPONGE AND POWER PVT LTD has provided the information on PARIVESH Portal in respect of As per requirement of EIA Notification, 2006 [as amended to the date] this is to certify that “No Increase in Pollution Load” Certificate is hereby issued to M/s. Sugna Sponge And Power Pvt Ltd. located at Bhogasamudram Village, Tadipatri Mandal, Ananthapur District, Andhra Pradesh. for their proposed “Change in the DRI plant configuration from 2 x 350 TPD to 1 x 700 TPD without increase in production capacity under NO INCREASE IN POLLUTION LOAD (NIPL)” As compared to Environment Clearance gran 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**

<b>1.</b>	Whether Project /Activity accorded prior EC?		Yes
<b>1.1.</b>	IA/AP/IND1/443698/2023		
<b>1.2.</b>	Expansion of Steel Plant – DRI Kilns (Sponge Iron from 57,750 TPA to 2,88,750 TPA), Induction Furnaces along with CCM&LRF (Hot Billets / Billets / Ingots from 26,400 TPA to 2,97,000 TPA), WHRB based Power Plant from 4 MW to 22 MW, AFBC based Power Plant from 4 MW to 16 MW, Establishment of New Pellet Plant (0.6 MTPA), Gasifier for Pellet Plant (21,000 Nm <sup>3</sup> /hr), Rolling Mills (TMT bars / Structural Steel) - 3,30,000TPA, New Brick Manufacturing unit 33,000 Bricks/ day)		
<b>1.3.</b>	Whether the Project Activity attracts the provisions under 7(ii) (b)		
<b>1.3.1.</b>	Category		A
<b>1.3.2.</b>	Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?		Yes
<b>1.3.3.</b>	Whether multiple items (Components) as per the notification involved in the proposal?		No
<b>1.3.3.1.</b>	Item No. as per schedule to EIA Notification, 2006 for Major Activity	3(a) Metallurgical Industries (ferrous and non ferrous)	N/A
<b>1.3.3.2.</b>	Capacity	0.231	MTPA
<b>1.3.3.3.</b>	Whether Project/Activity falls in 'B2' Category		No
<b>2.</b>	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
444/PCB/CTE/RO-KNL/HO/2009	02/04/2024	01/04/2031	Sugna Sponge CTE 02-04-2024.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
444/PCB/CTE/RO-KNL/HO/2009	02/04/2024	01/04/2031	Sugna Sponge CTE 02-04-2024.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	231000	TPA	Sponge Iron	231000	TPA	Change in configuration from 2 x 350 TPD to 1 x 700 TPD

#### 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
Coal	300300	TPA	Coal	300300	TPA	No Change
Dolomite	11500	TPA	Dolomite	11500	TPA	No Change
Iron ore	369600	TPA	Iron ore	369600	TPA	No Change

2.1. Approval for additional water consumption if applicable	No
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### 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	There will not be any wastewater discharge as Closed circuit cooling system is proposed in Sponge iron plant.

#### 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	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

<b>3.4.1.</b> Whether Segregation of Concentrated stream and its disposal is proposed?	No
<b>7.4.2.</b> Whether Reduction / Recycle / Reuse of effluent are proposed?	No
<b>7.4.3.</b> Whether any additional Effluent Treatment Facilities Provided?	No
<b>7.4.4.</b> Whether is there any proposal for up-gradation of ETP?	No
<b>7.4.5.</b> Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility?	No
<b>7.4.6.</b> Whether it is Proposed to achieve zero discharge?	Yes
<b>7.4.6.1.</b> Brief report on Proposal to achieve zero discharge with technical justification and feasibility	Effluent Management.pdf Preview
<b>7.4.7.</b> 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 DRI Kiln	72	248.2	Kg Per Day	248.2	Kg Per Day	248.2	Kg Per Day	248.2	Kg Per Day
NOx From DRI Kiln	72	1654.66	Kg Per Day	1654.66	Kg Per Day	1654.66	Kg Per Day	1654.66	Kg Per Day
SO2 From DRI Kiln	72	5460	Kg Per Day	5460	Kg Per Day	5460	Kg Per Day	5460	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
0	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
0	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 Kiln	72	ESP	PM	248.2	Kg Per Day	248.2	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
248.2	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	248.2	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	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
Dolochar from DRI Kiln	Non-Hazardous	46200	Tons per Annum (TPA)	46200	Tons per Annum (TPA)	DRI Kiln	Covered Shed	Is being utilized in the existing FBC boiler based power plant. The same practice will be continued after expansion also.
Kiln accretion Slag from DRI Kiln	Non-Hazardous	2079	Tons per Annum (TPA)	2079	Tons per Annum (TPA)	DRI Kiln	Covered Shed	Is being given to road contractors for road construction & given to brick manufacturer and after proposed expansion will be

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
								utilized in the proposed brick manufacturing unit.
Ash/Dust from DRI Kiln	Non-Hazardous	41580	Tons per Annum (TPA)	41580	Tons per Annum (TPA)	DRI Kiln	Covered Shed	Is being given to nearby brick manufacturing units and now it will be utilized in the proposed brick manufacturing unit.
Wet scrapper sludge from DRI Kiln	Non-Hazardous	9240	Tons per Annum (TPA)	9240	Tons per Annum (TPA)	DRI Kiln	Covered Shed	Is being given to road contractors for road construction & given to brick manufacturer and after proposed expansion will be utilized in the proposed brick manufacturing unit.

## 1.2.

### Details of Waste management

<b>1.2.1.</b> Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	No
<b>1.2.2.</b> Whether Project has Membership of Common Secured Landfill Site?	No
<b>1.2.3.</b> 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.	Sugna 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 <30 mg/Nm3	03/01/2023	Last Calibration Date:- 27/07/2023	0	0	Yes	No	11/03/2023

### 1. Additional Information

S. No.	Document Name	Remark	Document
1	NIPL Certificate	NIPL Certificate	Sugna NIPL certificate.pdf Preview
2	Project Report	Project Report	Project Report - Sugna Sponge.pdf Preview
3	CTE Copy	CTE Copy	Sugna Sponge CTE 02-04-2024.pdf Preview
4	Effluent Management	Effluent Management	Effluent Management.pdf Preview
5	Emission Management	Emission Management	Emission Managment.pdf Preview
6	Solid Waste Management	Solid Waste Management	Solid waste Management.pdf Preview
7	EC Copy	EC Copy	Sugna sponge - 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 hereby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Bharatkumar Agarwal
1.2. Designation	Managingdirector
1.3. Company	SUGNA SPONGE AND POWER PVT LTD

<b>1.4.</b> Address	8-2-686/5 Near Kimti mansion Road No 12 Banjara Hills Hyderabad 500034
<b>1.5.</b> Date	24-04-2024

