



सत्यमेव जयते

Government of India  
Ministry of Environment, Forest and Climate Change



Date: 31/10/2023

ACKNOWLEDGEMENT

This is to acknowledge that SCAN ENERGY AND POWER LIMITED 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 “NIPL” Certificate is hereby issued to M/s. Scan Energy and Power Limited located at Sy No.34,35&36 of Kondurg (V) & (M),Ranga Reddy(Dt), Telangana for their proposed enhancement in IFs Production unit Capacity from 500 TPD (1,75,000 TPA)to597 TPD(2,08,950 TPA) by Increasing Number of heats from 9.3 to 11.1 per day of the existing Induction furnace & Rolling Mill from 500 TPD to 584 TPD . 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:

- 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.
- 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

**Application for No Increase in Pollution Load - Form-10**

**Basic Details**

1. Whether Project /Activity accorded prior EC?	Yes
1.1. Proposal No.	SIA/TG/IND/53369/2019

1.2. Name of Project	Scan Energy and Power Limited		
1.3. Whether the Project Activity attracts the provisions under	7(ii) (b)		
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)	Secondary metallurgical processing industry (Toxic and heavy metals)	
1.3.3.2. Capacity	0.204	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
55/TSPCB/CFE/RRD/RO-HYD/HO/2020/217	11/11/2020	10/11/2025	C.F.E.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
220523547152	22/03/2022	28/03/2027	C F O.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/Structural Steel	500	TPD	Rolled Products/Structural Steel	584	TPD	Now due to techno economic reasons we are now proposing to change the MS Billets Production increasing from 500 TPD to 597 TPD by increasing heats from 9.3 T to 11.1 T and At present the Rolling Mill capacity is 500 TPD with 18 hours per day operating of Rolling Mill and now it is proposed to increase operating hours to 21 hours per day. The production capacity with 21 hours/day 584 TPD only even after the proposed change in configuration under "NO INCREASE IN POLLUTION LOAD
MS Billets	500	TPD	MS Billets	597	TPD	Now due to techno economic reasons we are now proposing to change the MS Billets Production increasing from 500 TPD to 597 TPD by increasing heats from 9.3 to 11.1 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
Hot Billets/Billets	540	TPD	Hot Billets	597	TPD	
Sponge Iron	465	TPD	Sponge Iron	585	TPD	
Ferro Alloys	11	TPD	Ferro Alloys	12	TPD	
Pig Iron/ Scrap	143	TPD	Pig Iron/ Scrap	130	TPD	
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	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 – 10 mg/l	0	pH – 6.5-8.5 TSS- 100 mg/l TDS– 2100 mg/l Oil and grease – 10 mg/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	nil

### 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 Mangament.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 Induction Furnace (1 x 15 T)	30	133.88	Kg Per Day	133.88	Kg Per Day	123.17	Kg Per Day	123.17	Kg Per Day
NOx from Induction Furnace (2 x 2 T & 2 x 15 T)	30	371.89	Kg Per Day	371.89	Kg Per Day	320.75	Kg Per Day	320.75	Kg Per Day
SO2 from Induction Furnace (1 x 15 T)	30	535.53	Kg Per Day	535.53	Kg Per Day	461.89	Kg Per Day	461.89	Kg Per Day
PM From Rolling Mill	45	98.01	Kg Per Day	98.01	Kg Per Day	0	Kg Per Day	0	Kg Per Day
NOx From Induction Furnace (1 x 15 T)	30	535.53	Kg Per Month(KGM)	535.53	Kg Per Day	461.89	Kg Per Day	461.89	Kg Per Day
SO2 From Rolling Mill	45	1123.2	Kg Per Day	1123.2	Kg Per Day	0	Kg Per Day	0	Kg Per Day
NOx From Rolling Mill	45	682.5	Kg Per Day	682.5	Kg Per Day	0	Kg Per Day	0	Kg Per Day
PM from Induction Furnace (2 x 2 T & 2 x 15 T)	30	185.95	Kg Per Day	185.95	Kg Per Day	171.07	Kg Per Day	171.07	Kg Per Day
SO2 from Induction Furnace (2 x 2 T & 2 x 15 T)	30	371.89	Kg Per Day	371.89	Kg Per Day	320.75	Kg Per Day	320.75	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
Induction Furnaces	30	Bag Filters	PM	319.83	Kg Per Day	294.24	Kg Per Day
Rolling Mill	45	STACK	PM	98.01	Kg Per Day	0	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
471.81	Kg Per Day	500	Kg Per Day	294.24	Kg Per Day	500	Kg Per Day	NA

## 3.Details of emission management

<b>3.1.</b> Whether there is any Proposal for switching over to cleaner fuel?	No
<b>3.2.</b> Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program)	Yes
<b>3.2.1.</b> Brief description on Proposal for up-gradation of existing APCM, if any (with time bound program)	Letter From bagfilter Supplier (2).pdf Preview
<b>3.3.</b> 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
SMS-Slag	Non-Hazardous	57.8	Tons per Day (TPD)	57	Tons per Day (TPD)	Induction Furnaces	Covered Shed	Will be given to brick Manufacturing Unit
Mill Scales	Non-Hazardous	28	Tons per Day (TPD)	13	Tons per Day (TPD)	Induction Furnace	Covered Shed	Mill Scales generated will be given to near Ferro Alloys unit

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 SCAN.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 less than 100 mg/Nm3 and less than 50 mg/Nm3	23/06/2023	0	0	0	Yes	No	06/08/2023

**1.Additional Information**

S. No.	Document Name	Remark	Document
1	EC Copy	EC Copy	ENVIRONMENTAL CLEARANCE.pdf Preview
2	Solid waste management	Solid waste management	Solid waste management.pdf Preview
3	CFO Copy	CFO Copy	C F O.pdf Preview
4	CFE Copy	CFE Copy	C.F.E.pdf Preview
5	NIPL Certificate	NIPL Certificate	NIPL CERTIFICATE SCAN.pdf Preview
6	Letter From bagfilter Supplier	Letter From bagfilter Supplier	Letter From bagfilter Supplier (2).pdf Preview
7	Air Emission Management	Air Emission Management	Air Emission Management.pdf Preview
8	Effluent Management	Effluent Management	Effluent Mangament.pdf Preview
9	MEGATHERM LETTER	MEGATHERM LETTER	MEGATHERM LETTER.8.6.23.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

<b>1.1.</b> Name	NIMISH GADODIA
<b>1.2.</b> Designation	DIRECTOR
<b>1.3.</b> Company	SCAN ENERGY AND POWER LIMITED
<b>1.4.</b> Address	B-301, 8-2-618/2A TO C 3RD FLOOR DELTA SEACON ROAD NO.11 BANJARA HILLS HYDERABAD
<b>1.5.</b> Date	31-10-2023