सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change

Date: **28/08/2023**

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 "No Increase in Pollution Load" Certificate is hereby issued to M/s. Scan Energy and Power Limited located at Sy No 34, 35 & 36 of Kondurg Village & Mandal, Rangareddy District, Telangana for their proposed enhancement in MS Billet Production unit Capacity from 500 TPD (1,75,000 TPA) to 596.5 TPD(2,08,775 TPA) by Increasing Number of heats from 9.3 to 11.1 per day of the existing Induction furnace & 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

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
MS Billets	500	TPD	MS Billets	596.5	TPD	Now due to techno economic reasons we are now proposing to change the MS Billets Production increasing from 500 TPD to 596.5 TPD by increasing heats from 9.3 to 11.1 TPD
Rolled Products/Structural Steel	500	TPD	Rolled Products/Structural Steel	583.33	TPD	Now due to techno economic reasons we are now proposing to change the MS Billets Production increasing from 500 TPD to 596.5 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 583.33 TPD only even after the proposed change in configuration under "NO INCREASE IN POLLUTION LOAD

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
Ferro Alloys	11	TPD	Ferro Alloys	12	TPD	
Hot Billets	540	TPD	Hot Billets	630	TPD	
Sponge Iron	465	TPD	Sponge Iron	585.5	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 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	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	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	Nil

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 Mangament-SCAN1.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 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
NOx 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
SOx From Rolling Mill	45	1123.2	Kg Per Day	1123.2	Kg Per Day	0	Kg Per Day	0	Kg Per Day
PM From Rolling Mill	45	98.01	Kg Per Day	0	Kg Per Day	0	Kg Per Day	0	Kg Per Day
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 Rolling Mill	45	682.5	Kg Per Day	682.5	Kg Per Day	0	Kg Per Day	0	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

(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	30	Bag	PM	319.83	Kg Per	294.24	Kg Per

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
Furnaces		Filters			Day		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	Mg/Cu.M	294.24	Kg Per Day	300	Mg/Cu.M	NA

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)	Yes
3.2.1. Brief description on Proposal for up-gradation of existing APCM, if any (with time bound program)	Letter From bagfilter Supplier (2).pdf Preview
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
SMS-Slag	Non-Hazardous	57.8	Tons per Day (TPD)	57	Tons per Day (TPD)	Induction Furnace	Covered Shed	Will be given to brick Manufacturing Unit
Mill Scales	Non-Hazardous	28	Tons per Day (TPD)	12	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.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	Effluent Management	Effluent Management	Effluent Mangament-SCAN1.pdf Preview
2	Air Emission Management	Air Emission Management	Air Emission -scan (1).pdf Preview
3	MEGATHERM LETTER.8.6.23	MEGATHERM LETTER.8.6.23	MEGATHERM LETTER.8.6.23.pdf Preview
4	Letter From bagfilter Supplier	Letter From bagfilter Supplier	Letter From bagfilter Supplier (2).pdf Preview
5	NIPL Certificate	NIPL Certificate	NIPL Certificate.pdf Preview
6	CFE Copy	CFE Copy	C.F.E.pdf Preview
7	EC Copy	EC Copy	ENVIRONMENTAL CLEARANCE.pdf Preview
8	CFO Copy	CFO Copy	C F O.pdf Preview
9	Solid waste management	Solid waste management	Solid waste management-scan.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	NIMISH GADODIA
1.2. Designation	DIRECTOR
1.3. Company	SCAN ENERGY AND POWER LIMITED
1.4. Address	B-301, 8-2-618/2A TO C 3RD FLOOR DELTA SEACON ROAD NO.11 BANJARA HILLS HYDERABAD
1.5. Date	28-08-2023