सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change

Date: **22/10/2024**

ACKNOWLEDGEMENT

This is to acknowledge that THAKUR PRASAD SAO AND SONS PRIVATE LIMITED has provided the information on PARIVESH Portal in respect of Proposed for Change in configuration and production capacity from SMS of 400000 TPA with IF of 2x8 T/H & 1x15 T/H, EAF(2x25T/H), LRF 80 (2x15+2x25) and Rolling Mill of 2,00,000 TPA, with 78 MW CPP (24 MW #WHRB and 54 MW #AFBC) To SMS of 2,97,000 TPA with IF of 6x15 T/H, LRF 80 (2x40) T and Rolling Mill of 2,50,000 TPA with 78 MW CPP (24 MW #WHRB, 04 MW#AFBC and 50 MW #CFBC) without changing other facilities granted in EC. at Village-Lahandabud, PO.-H. Katapali, District-Jharsuguda, Odisha 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/OR/IND1/429702/2023
1.2. Name of Project	Environment Clearance for Integrated Steel Plant with Pelletization Plant (2 x 0.6 MTPA), DRI Plant (3 x 1,10,000 TPA), MS Billets production of 4,00,000 TPA with IF of 2 x 8 Tonnes and 1 x 15 Tonnes and EAF (2 x 25 tonnes), Rolling Mill (2,00,000 TPA) Coal Washery (0.576 MTPA) with 78 MW CPP (24 MW #WHRB and 54MW #AFBC) at Village- Lahandabud, P.O.- H. Kantapali, Tehsil & District- Jharsuguda, Odisha by M/s Thakur Prasad Sao and Sons Pvt Ltd - Revalidation as per notification dtd 08.03.2021
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	0.4	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
4507/IND-I-CON-5429	30/03/2024	31/03/2025	cto 2024-2025.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
4507/IND-I-CON-5429	30/03/2024	31/03/2025	cto 2024-2025.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
CPP CFBC	0	TPA	CPP CFBC	50	TPA	Proposed for change in power generation of capacity 50 MW from AFBC Boiler to CFBC Boiler
DRI Kiln	330000	TPA	DRI Kiln	330000	TPA	No change
Producer gas plant	6000	TPA	Producer gas plant	6000	TPA	Producer gas plant of capacity 6000 Nm3/hr will be remain unchanged.
CPP WHRB	24	TPA	CPP WHRB	24	TPA	
CPP AFBC	54	TPA	CPP AFBC	4	TPA	Proposed for change in power generation of capacity 50 MW from AFBC Boiler to CFBC Boiler
Coal Washery	576000	TPA	Coal Washery	576000	TPA	No change
LRF	400000	TPA	LRF	297000	TPA	Change in configuration from 2 x (15 + 25)T to 2 x 40 T
SMS (IF)	100000	TPA	SMS (IF)	297000	TPA	Proposed for change in configuration & capacity of SMS from 4,00,000 TPA (2 x 8 + 1 x 15T IF and 2 x 25 T EAF) to 2,97,000 TPA (6 x 15T IF)
Pellet plant	1200000	TPA	Pellet Plant	1200000	TPA	No change
SMS (EAF)	300000	TPA	SMS (EAF)	0	TPA	Proposed for change in configuration & capacity of SMS from 4,00,000 TPA (2 x 8 + 1 x 15T IF and 2 x 25 T EAF) to 2,97,000 TPA (6 x 15T IF)
Rolling Mill -1	200000	TPA	Rolling Mill -1	250000	TPA	Enhancement of production capacity from 0.2 MTPA to 0.25 MTPA

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
Iron ore Fines	1260000	TPA	Iron ore Fines	1260000	TPA	Raw Material for Palletisation Plant
Dolomite	19800	TPA	Dolomite	19800	TPA	Raw Material for DRI Plant
Dolomite	9030	TPA	Dolomite	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)
Limestone	12300	TPA	Limestone	12300	TPA	Raw Material for Palletisation Plant
COAL (CV – 3500 kCal/kg)	254800	TPA	COAL (CV – 3500 kCal/kg)	292667	TPA	Raw Material for AFBC
Liquid Steel From IF	100000	TPA	Liquid Steel From IF	297000	TPA	Raw Materials for Ladle Refining Furnace
Indian Coal	297000	TPA	Indian Coal	297000	TPA	Raw Material for DRI Plant
Coal-250 mm	19800	TPA	Coal-250 mm	19800	TPA	Raw Material for Palletisation Plant
Electrode	1440	TPA	Electrode	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)
Pig Iron	62500	TPA	Pig Iron	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)
Bentonite	8040	TPA	Bentonite	8040	TPA	Raw Material for Palletisation Plant
Ferro Alloy	37041	TPA	Ferro Alloy	27503	TPA	Raw Materials for Ladle Refining Furnace
Flux	18200	TPA	Flux	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)
Ferro Alloys	810	TPA	Ferro Alloys	2406	TPA	Raw Material for Induction Furnace (1,00,000 TPA)
Organic Binder	300	TPA	Organic Binder	300	TPA	Raw Material for Palletisation Plant
Iron Ore Pellet	495000	TPA	Iron Ore Pellet	495000	TPA	Raw Material for DRI Plant
Sponge Iron (In House)	248400	TPA	Sponge Iron (In House)	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)
Flux - Calcined lime	4975	TPA	Flux - Calcined lime	3694	TPA	Raw Material for Ladle Refining Furnace
Sponge Iron	88000	TPA	Sponge Iron	261360	TPA	Raw Material for Induction Furnace (1,00,000 TPA)
Billets/Hot metal	206200	TPA	Billets/Hot metal	257750	TPA	Raw Material for Rolling Mill
Scrap	20200	TPA	Scrap	0	TPA	Raw Material for Electric Arc Furnace

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
						(3,00,000 TPA)
Return Fines	61200	TPA	Return Fines	61200	TPA	Raw Material for Palletisation Plant
Dolochar (CV – 2200 kCal/kg)	254280	TPA	Dolochar (CV – 2200 kCal/kg)	195112	TPA	Raw Material for AFBC
Liquid Steel from EAF	300000	TPA	Liquid Steel from EAF	0	TPA	Raw Materials for Ladle Refining Furnace
Electrode	420	TPA	Electrode	312	TPA	Raw Material for Ladle Refining Furnace
Scrap	36220	TPA	Scrap	107573	TPA	Raw Material for Induction Furnace (1,00,000 TPA)
LRF Refined Liquid Steel	400000	TPA	LRF Refined Liquid Steel	297000	TPA	Raw Material for MS Billets Production
Sponge Iron (Purchased)	95680	TPA	Sponge Iron (Purchased)	0	TPA	Raw Material for Electric Arc Furnace (3,00,000 TPA)

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
Domestic	20	55	Waste water will be treated in STP of capacity 60 KLD and treated water will be used in gardening, sprinkling etc.
Process + APCM	913	480	Waste wate will be treated in the ETP of capacity 500 KLD and the treated water will be used in sprinkling, dust suppression system, gardening etc.

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
Chromium	0.2	Chromium	0.02	Below the permissible limit
Copper	1	Copper	0.01	Below the permissible limit
PH	9	PH	7.36	Below the permissible limit
Iron	1	Iron	0.18	Below the permissible limit
Zinc	1	Zinc	0.14	Below the permissible limit
Phosphates	5	Phosphates	0.08	Below the permissible limit
TSS	100	TSS	2	Below the permissible limit
Oil & Grease	10	Oil & Grease	1.0	Below the permissible limit

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
91.3	100	0.96	500	
0.913	1	0.07	500	
0.6	30	0.11	60	
0.913	1	0.005	500	
0.913	1	0.09	500	
9.13	10	0.48	500	
4.565	5	0.04	500	
2	100	0.1	60	
0.1826	0.2	0.01	500	

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?	Yes

7.4.2.1. Brief report on details of Reduction / Recycle / Reuse of effluent	reduction recycle reuse of effluent.pdf Preview
7.4.3. Whether any additional Effluent Treatment Facilities Provided?	Yes
7.4.3.1. Brief report on Effluent Treatment Facilities Provided	effluent treatment plant facilities.pdf Preview
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	ZERO LIQUID DISCHARGE.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
Stack attached to bag filter of induction furnace (5 x 15 T)	30	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm3)	105.12	Kg Per Day
Stack attached to AFBC Boiler (II) 1 x 225 TPH	100	50	Miligram per Normal cubic meter (mg/Nm3)	276.48	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day
Stack attached to AFBC Boiler (I)	60	100	Miligram per Normal cubic meter (mg/Nm3)	44.4	Kg Per Day	43	Miligram per Normal cubic meter (mg/Nm3)	18.96	Kg Per Day
Common Bag filter attached to DRI Kiln No. (3x350 TPD)	20	100	Miligram per Normal cubic meter (mg/Nm3)	1001.52	Kg Per Day	64	Miligram per Normal cubic meter (mg/Nm3)	640.8	Kg Per Day
DRI KilnNo.(3x350 TPD)	60	100	Miligram per Normal cubic meter (mg/Nm3)	426.24	Kg Per Day	53	Miligram per Normal cubic meter (mg/Nm3)	225.84	Kg Per Day

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
Stack attached to bag filter of induction furnace (1x 15 T)	30	100	Miligram per Normal cubic meter (mg/Nm3)	70.08	Kg Per Day	56	Miligram per Normal cubic meter (mg/Nm3)	39.12	Kg Per Day
2 x 25 T EAF with LRF	0	50	Miligram per Normal cubic meter (mg/Nm3)	192.72	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day
Stack attached to CFBC Boiler 1 x 225 TPH	100	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	222.72	Kg Per Day
Reheating furnace for 1 x 0.25 MTPARolling mill	30	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	33.36	Kg Per Day
Stack attached to AFBC Boiler (I)	60	600	Miligram per Normal cubic meter (mg/Nm3)	266.16	Kg Per Day	265	Miligram per Normal cubic meter (mg/Nm3)	117.6	Kg Per Day
Reheating furnace for 2 x 0.1 MTPARolling mill	30	100	Miligram per Normal cubic meter (mg/Nm3)	52.56	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day
Stack attached to CFBC Boiler 2 x 100 TPH	100	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	300	Miligram per Normal cubic meter (mg/Nm3)	1336.8	Kg Per Day
Stack attached to AFBC Boiler (II)	100	600	Miligram per Normal cubic meter (mg/Nm3)	3318.72	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day
Stack attached to bag filter of induction furnace(2 x 08 T)	30	100	Miligram per Normal cubic meter (mg/Nm3)	70.08	Kg Per Day	56	Miligram per Normal cubic meter (mg/Nm3)	39.12	Kg Per Day
Stack attached to AFBC Boiler (I)	60	450	Miligram per Normal cubic meter (mg/Nm3)	199.68	Kg Per Day	173	Miligram per Normal cubic meter (mg/Nm3)	76.8	Kg Per Day
Stack attached to AFBC Boiler (II)	100	300	Miligram per Normal cubic meter (mg/Nm3)	1659.36	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	0	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	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	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	Miligram per Normal cubic meter (mg/Nm3)	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
Stack attached to CFBC Boiler 1 x 225 TPH	100	ESP	PM	0	Miligram per Normal cubic meter (mg/Nm3)	600	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to CFBC Boiler 1 x 225 TPH	100	ESP	NOX	0	Miligram per Normal cubic meter (mg/Nm3)	300	Miligram per Normal cubic meter (mg/Nm3)
DRI KilnNo.(3x350 TPD)	60	ESP	PM	100	Miligram per Normal cubic meter (mg/Nm3)	53	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II)	100	ESP	NOX	300	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (I)	60	ESP	SOX	600	Miligram per Normal cubic meter (mg/Nm3)	265	Miligram per Normal cubic meter (mg/Nm3)
2 x 25 T EAF with	0	BAG	PM	50	Miligram per	0	Miligram 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
LRF		FILTER			Normal cubic meter (mg/Nm3)		Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (I)	60	ESP	NOX	450	Miligram per Normal cubic meter (mg/Nm3)	173	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to bag filter of induction furnace(2 x 08 T)	30	BAG FILTER	PM	100	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II) 1 x 225 TPH	100	ESP	NOX	300	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic meter (mg/Nm3)
Reheating furnace for 1 x 0.25 MTPARolling mill	30	ESP	PM	0	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to bag filter of induction furnace (1x 15 T)	30	BAG FILTER	PM	100	Miligram per Normal cubic meter (mg/Nm3)	56	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II)	100	ESP	SOX	600	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to bag filter of induction furnace (5 x 15 T)	30	BAG FILTER	PM	0	Miligram per Normal cubic meter (mg/Nm3)	30	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II) 1 x 225 TPH	100	ESP	PM	50	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II)	100	ESP	PM	50	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (II) 1 x 225 TPH	100	ESP	SOX	600	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to AFBC Boiler (I)	60	ESP	PM	100	Miligram per Normal cubic meter (mg/Nm3)	43	Miligram per Normal cubic meter (mg/Nm3)
Stack attached to CFBC Boiler 1 x 225 TPH	100	ESP	PM	0	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic meter (mg/Nm3)

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
Reheating furnace for 2 x 0.1 MTPARolling mill	30	BAG FILTER	PM	100	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)
Common Bag filter attached to DRI Kiln No. (3x350 TPD)	20	ESP	PM	100	Miligram per Normal cubic meter (mg/Nm3)	64	Miligram per Normal cubic meter (mg/Nm3)

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
100	Miligram per Normal cubic meter (mg/Nm3)	44.4	Kg Per Day	43	Miligram per Normal cubic meter (mg/Nm3)	18.96	Kg Per Day	N/A
100	Miligram per Normal cubic meter (mg/Nm3)	426.24	Kg Per Day	53	Miligram per Normal cubic meter (mg/Nm3)	225.84	Kg Per Day	N/A
0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	30	Miligram per Normal cubic meter (mg/Nm3)	105.12	Kg Per Day	N/A
0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	33.36	Kg Per Day	N/A
0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	222.72	Kg Per Day	N/A
100	Miligram per Normal cubic meter (mg/Nm3)	52.56	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
100	Miligram per Normal cubic meter (mg/Nm3)	70.08	Kg Per Day	56	Miligram per Normal cubic meter (mg/Nm3)	39.12	Kg Per Day	N/A
0	Miligram per	0	Kg	600	Miligram per	2673.36	Kg	N/A

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
	Normal cubic meter (mg/Nm3)		Per Day		Normal cubic meter (mg/Nm3)		Per Day	
50	Miligram per Normal cubic meter (mg/Nm3)	276.48	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
450	Miligram per Normal cubic meter (mg/Nm3)	199.68	Kg Per Day	173	Miligram per Normal cubic meter (mg/Nm3)	76.8	Kg Per Day	N/A
100	Miligram per Normal cubic meter (mg/Nm3)	70.08	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
100	Miligram per Normal cubic meter (mg/Nm3)	1001.52	Kg Per Day	64	Miligram per Normal cubic meter (mg/Nm3)	640.8	Kg Per Day	N/A
50	Miligram per Normal cubic meter (mg/Nm3)	192.72	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
600	Miligram per Normal cubic meter (mg/Nm3)	266.16	Kg Per Day	265	Miligram per Normal cubic meter (mg/Nm3)	117.6	Kg Per Day	N/A
600	Miligram per Normal cubic meter (mg/Nm3)	3318.72	Kg Per Day	0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
300	Miligram per Normal cubic meter (mg/Nm3)	1659.36	Kg Per Day	50	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	N/A
0	Miligram per Normal cubic meter (mg/Nm3)	0	Kg Per Day	300	Miligram per Normal cubic meter (mg/Nm3)	1336.8	Kg Per Day	N/A

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
Used/spent oil	SCHEDULES-I STREAM-5.1	3	Kilo liters per Day (KLD)	3	Kilo liters per Day (KLD)	IN HOUSE	Storage in containers over concrete floor under well ventilated covered shed	Storage in containers over concrete floor under well ventilated covered shed followed by sale to actual users having valid authorization from SPCB, Odisha.
Wastes/residues containin g oil	SCHEDULES-I STREAM-5.2	0.05	Tons per Annum (TPA)	0.05	Tons per Annum (TPA)	IN HOUSE	Storage in impervious pits I containers over impervious floor under well ventilated covered shed	Storage in impervious pits I containers over impervious floor under well ventilated covered shed followed by disposal in the Authorized HW incinerator I Common Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF), Jajpur I Co-processing in authorized Cement Kiln

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	Yes
1.2.1.1. Brief report on Proposal for reduction / recovery / reuse / recycle / sale of waste, if any'	reduction recovery reuse recycle sale of waste.pdf Preview
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 SPCB
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	nipl certificate from nit.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	21/06/2016	0	0	0	Yes	20/05/2018	11/03/2018
Emissions	PM	21/06/2016	0	0	0	Yes	20/05/2018	11/03/2018

1.Additional Information

S. No.	Document Name	Remark	Document
1	Declaration letter	Uploading of Consent to Operate and application copy of Hazardous Waste	declaration

S. No.	Document Name	Remark	Document
	for HWA uploading	Authorization documents against Hazardous and other waste management Authorization documents in Parivesh Portal in Form-10 for “No Increase In Pollution Load” proposal .	(2).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	SHAILENDRA PANDEY
1.2. Designation	Sr. GM (P & A)
1.3. Company	THAKUR PRASAD SAO AND SONS PRIVATE LIMITED
1.4. Address	At-Lahandabud
1.5. Date	22-10-2024