



सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change



Date: 25/09/2023

ACKNOWLEDGEMENT

This is to acknowledge that RUNGTA MINES LTD has provided the information on PARIVESH Portal in respect of Dhenkanal Steel Plant of M/s Rungta Mines Limited 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.		Yes
Whether Project /Activity accorded prior EC?		
1.1.		IA/OR/IND/250431/2021
Proposal No.		
1.2.		Expansion of Dhenkanal Steel Plant
Name of Project		

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?	Yes

1.3.4. Item No. as per schedule to EIA Notification, 2006 for Minor Activity

1.3.4.1. Item No. as per schedule to EIA Notification, 2006 for Major Activity	3(a) Metallurgical Industries (ferrous and non ferrous)	Sponge iron manufacturing with WHRB		
1.3.4.2. Capacity	2.3	MTPA		
	Activity	Sub Activity	Capacity	Unit
	3(a) Metallurgical Industries (ferrous and non ferrous)	Sponge iron manufacturing with WHRB	2.3	MTPA
	3(a) Metallurgical Industries (ferrous and non ferrous)	Ferro Alloy Plants	0.086	MTPA
1.3.4.3. 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
2806/IND-I-CON-6646	24/02/2023	31/03/2024	CTO letter DRI2806.pdf Preview
2302/IND-I_CON6646	14/02/2022	31/03/2024	CTO letter DRI2302.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
INS-IV-HW-1367	30/04/2022	31/03/2024	Hazardious waste authorisation letter .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
Sinter Plant (2nox 50 TPD)	0	TPA	Sinter Plant (2nox x 50 TPD)	30000	TPA	Installation of additional sinter plant (2nox 50 TPD)
Metal Recovery plant (2x10 TPH)	0	TPA	Metal Recovery plant (2x10 TPH)	43200	TPA	Installation of additional 2no x10 TPH)
2X500 TPD,3X600 TPD,2X900 TPD, 5X900 TPD or 6x600 + 1x650 TPD DRI	4403775	TPA	2X500 TPD,3X600 TPD,2X900 TPD, 5X900 TPD or 6x600 + 1x650 TPD+4x1200 TPD DRI	6704175	TPA	installation of additional 4x1200 TPD DRI ,150 MW WHRB based power Plant, Silico Manganese 6 nos x9 MVA, Metal Recovery Plant 2x10 TPH, Sinter plant 2x50 TPD and surrendering 1no x3.75 MTPA pellet plant.
Silico Manganese Plant (6nos x9 MVA)	0	TPA	Silico Manganese Plant (6nos x9 MVA)	86400	TPA	installation of additional Silico manganese Plant (6nos x 9 MVA)
DRI based WHRB 2X50 TPH, 3X85 TPH,2X120 TPH,5X120 TPH or 6x75 PH + 1x80 TPH	308	TPA	DRI based WHRB 2X50 TPH, 3X85 TPH,2X120 TPH,5X120 TPH or 6x75 PH + 1x80 TPH+ 4x150 TPH	458	TPA	Installation of 150 MW additional WHRB based CPP from 4x1200 TPD DRI Plant

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
Quartz	0	TPA	Quartz	12960	TPA	
Manganese Ore	0	TPA	Manganese Ore	124416	TPA	
Dolomite	0	TPA	Dolomite	8640	TPA	
Low Grade high silicon Moil Ore	0	TPA	Low Grade high silicon Moil Ore	74736	TPA	
Iron Ore / Pellet	6605663	TPA	Pellet Plant	1005626	TPA	No increase in Pollution Load . 1x3.75 MTPA pellet plant is surrender
Charcoal	0	TPA	Char Coal	41472	TPA	
Iron Ore fines	3153875	TPA	Iron ore fines	2829950	TPA	
Iron Ore / Mill scale	0	TPA	Iron Ore/ Mill scale	1080	TPA	
Electro paste	0	TPA	Electrode paste	2160	TPA	
Coal	3870918	TPA	Coal	5892969	TPA	No increase in Pollution Load. 1x3.75 MTPA pellet plant is surrender
Dolomite	176151	TPA	Dolomite	268167	TPA	No increase in Pollution Load . 1x3.75 MTPA Pellet plant is surrender

2.1. Approval for additional water consumption if applicable	Yes
2.1.1. Upload the approval from the competent authority	water permission.pdf Preview

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	1872	1872	ZLD
Industrial	24576	23856	ZLD

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
Oil & Grease	10	Oil & Grease	10	No Change in concentration
BOD	30	BOD	30	No change in concentration
COD	250	COD	250	No Change in concentration
TSS	100	TSS	100	No change in concentration

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
1101	1101	1072	1000	No Increase in pollution load . Decrease in Waste water generation ZLD will be adopted

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	Water ZLD.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
DRI Stack (2x500 TPD)	85	5.4	g/s	158.62	Tons per Annum (TPA)	4.76	g/s	139.82	Tons per Annum (TPA)
DRI Stack (3x600 TPD)	85	9.72	g/s	285.516	Tons per Annum (TPA)	8.568	g/s	251.677	Tons per Annum (TPA)
DRI Stack (6x600 TPD+ 1x650 TPD)	85	22.95	g/s	674.135	Tons per Annum (TPA)	20.23	g/s	594.228	Tons per Annum (TPA)
DRI(4x1200 TPD)	90	0	g/s	0	Tons per Annum (TPA)	21.42	g/s	761.376	Tons per Annum (TPA)
DRI Stack (2x900 TPD)	85	9.72	g/s	285.516	Tons per Annum (TPA)	5.868	g/s	251.677	Tons per Annum (TPA)

(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
Raw material	1	200	Kg Per Day	200	Kg Per Day	200	Kg Per Day	200	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
Solid waste area	1	15		15	Kg Per Day	15	Kg Per Day	15	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
ESP	90	ESP	PM	30	Mg/Cu.M	30	Mg/Cu.M

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
1404	Tons per Annum (TPA)	312000	Cu.M/Hr	1999	Cu.M/Hr	312000	Cu.M/Hr	installation of additional 4x1200 TPD DRI ,150 MW WHRB based power Plant, Silico Manganese 6 nos x9 MVA, Metal

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
								Recovery Plant 2x10 TPH, Sinter plant 2x50 TPD and surrendering 1no x3.75 MTPA pellet plant.

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
Waste Residue containing oil	Schedule I	0.4	Tons per Annum (TPA)	0.4	Tons per Annum (TPA)	Machinery	Storage in impervious pits/containers under well ventilated covered shed	disposal through actual users / Authorized HW incinerator / Co-processing in cement kiln authorized by

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
								SPCB, Odisha / CHWTSDF
Used Oil/ Spent Oil	Schedule I	5	Tons per Annum (TPA)	5	Tons per Annum (TPA)	Machinery	Storage in containers over impervious floor under well ventilated covered, Disposal	disposal through actual users having valid authorization from SPCB. Odisha
Sludge and filters contaminated with oil	Schedule I	29	Tons per Annum (TPA)	29	Tons per Annum (TPA)	Machinery	Storage in impervious pits/containers over impervious floor under well ventilated covered shed	disposal through Authorized HW incinerator / Co-processing in authorized Cement Kiln / Common hazardous waste treatment storage disposal facility (CHWTSDF).
Spent Resin	Schedule I	0.5	Tons per Annum (TPA)	0.5	Tons per Annum (TPA)	Machinery	Storage in impervious pits/containers under well ventilated covered shed	disposal in Authorized HW incinerator / Co-processing cement kiln CHWTSDF
Contaminated Empty Barrels / Containers	Schedule I	8	Tons per Annum (TPA)	8	Tons per Annum (TPA)	Machinery	Storage in containers over impervious floor under well ventilated covered shed	disposal through actual authorization by SPCB. Odisha

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
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1.2.1.1. Brief report on Proposal for reduction / recovery / reuse / recycle / sale of waste, if any'	Solid waste management.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.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	22/11/2021	04.07.2023	42	170.67	Yes	29/11/2021	29/11/2021

1.Additional Information

S. No.	Document Name	Remark	Document
1	Env Audit Report	Ann- 2 Env Audit report	Ann_2 Env Audit report DSP 21.09.2023.pdf Preview
2	land schedule	Annexure 01 land schedule	Ann_1_Land shedule_Khata No. Plot No..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	HIRAK MAZUMDER
1.2. Designation	Director
1.3. Company	RUNGTA MINES LTD
1.4. Address	Rungta Mines Limited Barbil, keonjhar,Odisha
1.5. Date	25-09-2023

