



Rungta Mines Limited

(KARAKHENDRA STEEL PLANT)
MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA
Phone : (06767) 276081, 275891, Telefax : +91-6767-276891
E-mail : sid.bbl@runtamines.com

Ref. No. RML/KKSP-605/260 /19-20

Date: 12.11.2019

To,
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhawan,
3rd Floor, Vayu wing,
Aliganj, Jor Bagh Road,
New Delhi 110 003

Kind Attn:- Director, Impact Assessment (Industry-1)

Sub.:- Environmental clearance for expansion of Karakhendra Steel Plant from 0.127 to 0.681 MTPA Steel with installation of 90 MW Captive Power Plant located at villages Karakhendra and Karakolha, District Keonjhar, Odisha

Dear Sir,

We wish to submit that currently we are constructing 0.127 MTPA steel plant at village Karakhendra, district Keonjhar, Odisha. Environmental clearance for the existing plant was granted by Ministry of Environment, Forest and Climate Change, Government of India vide letter no. J-11011/230/2016-IA.II.(I) dated 15.01.2018 and its enhancement dated 07.08.2019 for following facilities as given in **Table 1**.

**TABLE 1
UNITS SANCTIONED IN EC LETTER DATED 7.08.2019**

Sl. No.	Facilities	Production Capacity TPA
1	Steel Melting Shop comprising: IF(2X15T), LRF (1x20T)	126,720
2	Billet/ Bloom/ Slab caster(2 strand)	124,186
3	Rolling Mill (TMT/ Flat/Round/Wire Rod/ Structural Mill/ Others)	121,702

Thus, we now propose to expand our under sanctioned facilities from 0.127 to 0.681 MTPA of crude steel. The configuration of the proposed manufacturing facilities with respect to the existing units is given in **Table 2**.

**TABLE 2
EXISTING AND PROPOSED MANUFACTURING FACILITIES AND PRODUCTION**

Sl. No.	Plant Facilities	Annual production, TPA except where mentioned		
		Present sanctioned capacity as per EC dated 07.08.2019	Expansion/ Additional facility	Total
(a)	(b)	(c)	(d)	(c)+(d)
1.	Sponge Iron Plant (1x600 TPD DRI)	-	273,000	273,000
2.	Pelletisation Plant	-	1,474,000	1,474,000
3.	Sinter plant (1x50 sq.mtr)		554,400	554,400

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Sl. No.	Plant Facilities	Annual production, TPA except where mentioned		
		Present sanctioned capacity as per EC dated 07.08.2019	Expansion/ Additional facility	Total
(a)	(b)	(c)	(d)	(c)+(d)
4.	Coke oven plant (4x70,000 TPA)		280,000	280,000
5.	Mini Blast furnace (1x380 cum)		372,400	372,400
6.	Steel Melting Shop	126,720	554,400	681,120
6.1	Steel Melting Via IF-Route			
	(i) Induction Furnace (2 nos. X15T)	126,720		
	(ii) Laddle Furnace (1 no. X 20T)	126,720		
6.2	Steel melting shop via EAF/EOF with LRF/VD/AOD(1x70T)		554,400	
7.	Oxygen plant		150 TPD	150 TPD
8.	Continuous Casting Machine - Billets/ Bloom/ Slab	124,186 (1 no. x 2 strands)	543,312 (1 no. x 4 strands)	667,498
9.	Rolling Mill	121,702 (Unit-1)	532,140 (Unit-2)	653,842
10.	Captive Power Plant (CPP)	-	90 MW	90 MW
10.1	WHRB Based CPP	-	12 MW	12 MW
10.2	WHRB based CPP from Coke oven plant		18 MW	18 MW
10.3	WHRB based CPP from BF		10 MW	10 MW
10.4	AFBC/ CFBC based CPP	-	50 MW	50 MW
10.5	TG	-	2x45 MW	2x45 MW


As per EIA Notification September 2006, we are applying online application to MOEF&CC, New Delhi for Environmental Clearance of the expansion from 0.127 to 0.681 MTPA crude steel with installation of 90 MW CPP. Hence, please find enclosed the following:

- 1) Duly filled Form-I with relevant annexures
- 2) Pre- Feasibility Report as per MOEF&CC guidelines

You are requested to kindly give us opportunity for presentation for our case and issue us the Terms of Reference for the proposed expansion plant.

Thanking You

Yours faithfully,
For Rungta Mines Limited,
(Karakhendra Steel Plant)


M.D Rustagi
Director

Enclosed: As above