



Rungta Mines Limited

(KAMANDA STEEL PLANT)

MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA

Phone : (06767) 276081, 275891, Telefax : +91-6767-276891

E-mail : sid.bbl@rungtamines.com

Ref.No. RML/KSP-543/ 425 /18-19

Date : 25.03.2019

To,
Ministry of Environment, Forest and Climate Change
Government of India
Indira Paryavaran Bhawan,
Jorbagh Road, Aliganj,
New Delhi-110003.

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

Subject: Amendment in Environmental Clearance of Integrated Steel Plant located at village Kamanda in District Sundergarh of Odisha by M/s Rungta Mines Limited

Dear Sir,

This is with reference to the above mentioned subject, we would like to submit that Ministry of Environment, Forest and Climate Change, Government of India had accorded Environmental Clearance vide letter no. J-11011/434/2009-IA.II.(I) dated 06.11.2017 and its enhancement in DRI, SMS, Caster and Rolling mill & configuration of SMS and power plant vide amendment letter no. J-11011/434/2009-IA.II.(I) dated 8.03.2019 for Kamanda Steel Plant. The consolidated summary of the sanctioned facilities is given in Table 1.

TABLE 1: UNITS SANCTIONED IN EC LETTER DATED 06.11.2017 & ITS AMENDMENT DT. 08.03.2019

Sl. No.	Facility	Total capacity
1	Beneficiation Plant	1,200,000
2	Pellet Plant-1	600,000
	Pellet plant-2	2,640,000
	Sub Total	3,240,000
3	Coal Washery	924,000
4	DRI Plant	
	6X100 TPD	273,000
	1X300 TPD	136,500
	3X350 TPD	441,000
	2X500TPD	420,000
	Sub total	1,270,500
5	Sinter Plant -2x24 sqm	532,224
6	Mini Blast Furnace	
	2X262 CUM	458,500
	1X260 CUM	227,500
	Sub-total	686,000
7	Coke Oven (2 batteries of 70,000 TPA)	140,000



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Sl. No.	Facility	Total capacity
8	SMS	
	4X15T IF, 2x20 LRF	277,200
	9 X15T IF, 3x35T LRF	623,700
	Sub total	900,900
9	Billet/ Slab/ Bloom Caster	
	Caster 1	271,656
	Caster 1	271,656
	Caster 1	339,570
	Sub total	882,882
10	Flat/ Round/ Wire Rod/ Structural Mill/ others	
	Mill -1	260,790
	Mill-2	260,790
	Mill -3	325,987
	Sub total	847,567
11	Ferro Alloy Plant (1x9 MVA + 1x18 MVA)	
	Ferro Manganese OR	9 MVA= 18,000 18 MVA=36,000
	Silico Manganese OR	9 MVA= 14,400 18 MVA=28,800
	Ferro Chrome OR	9 MVA= 14,400 18 MVA=28,800
	Ferro Silicon	9 MVA= 6,400 18 MVA=12,800
	Briquette Plant for ferro chrome	88,320
	Briquette Plant for ferro manganese	111,360
12	Captive Power Plant	198 MW
	WHRB	87 MW
	AFBC / CFBC (1x20 MW+ 2x45.5 MW)	111 MW

We wish to inform you that presently following facilities are under operation as given in Table 2.

TABLE 2: FACILITIES UNDER OPERATION

S.L	Facilities	Configuration	Production
1	Sponge Iron plant	6x100 TPD	2,57,400 TPA
		1x300 TPD	128,700 TPA
		1x350 TPD	138,600 TPA
2	Steel Melting Shop comprising IF along with CCM	4 X 15 T	231,000
3	Captive Power Plant		
	WHRB	20 MW	20 MW
	AFBC	20 MW	20 MW



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Now, company wishes to change the pelletisation plant module configuration from 2 nos. X 1.2 MTPA + 10% to 1 no. X 2.4 MTPA + 10% without any change in overall sanctioned capacity permitted as per EC dated 06.11.2017 & its amendment dated 08.03.2019 due to following advantages:

- Reduction in land requirement for pellet plant from 55 acres to 30 acres
- Reduction in specific fuel (furnace oil) consumption to 18 ltr/ton from 20 ltr/ton. Therefore, there will be less emission due to better thermal efficiency and less heat loss at furnace as a consequence of larger size.
- Reduction in specific power consumption to 50 Kwh/ton instead of 55 Kwh/ton due less number of equipment and more efficient use of equipment
- Reduction in number of chimneys from four to two
- Half the number of transfer points for iron ore and pellet will be required
- The structural steel consumption and civil work will reduce

Thus, this proposal is to seek amendment in the Environmental Clearance for only **pelletisation plant module from 2 X 1.32 MTPA to 1 X 2.64 MTPA**. All other facilities remain unchanged. Accordingly, please find enclosed the following:

1. Form 1 along with enclosures
2. Form 2 as submitted online

We hope you will find the above in order and give us an opportunity to present our case for amendment in EC at the earliest.

Thanking you,

Yours Faithfully,
For Rungta Mines Limited
Kamanda Steel Plant

Pranaya Deo
Sr. General Manager (Commercial)

Enclosed: As above