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Godawari Power & Ispat Ltd.
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F. No. J-11011/326/2005-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
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Dated: 12th May, 2016

To

M/s Hira Godawari Power & Ispat,
Plot No. 428/2, Phase-I, Industrial Area,
Siltara, Raipur, Chhattisgarh-493111

Subject: Enhancement in production capacity of Sponge Iron Plant from 4,95,000 TPA to 6,50,000 TPA by M/s Hira Godawari Power & Ispat, located at Plot No. 428/2, Phase-I, Industrial Area, Siltara, Raipur-493111, Chhattisgarh – Approval under para 7(ii) of EIA Notification, 2006, as amended regarding.

Sir,

This has reference to your online application No. IA/CG/IND/4250/2005 dated 7th September, 2015 seeking amendment in environmental clearance for enhancement in production capacity, under para 7(ii) of EIA Notification, 2006, as amended, for the project mentioned above.

2.0 The expansion of Sponge Iron, Steel Melting, Ferro Alloys, Captive power Generation project of M/s Hira Godawari Power & Ispat was accorded Environmental Clearance by the Ministry vide letter No. J-11011/326/2005-IA II(I) dated 02/03/2006. Following table shows the unit wise capacity of the plant:

Sl.No.	Name of the Unit	Capacities Phase-I	Capacities Phase-II	Total Capacity	Proposed Capacity
1	Sponge Iron	2,35,000	2,60,000	4,95,000	Proposed 6,50,000
2	Steel Billet	2,00,000	2,00,000	4,00,000	4,00,000
3	Power	28 MW	25 MW	53 MW	53 MW
4	Ferro Alloys	16,500	-	16,500	16,500
5	Pig Iron	33,000	-	33,000	33,000
6	H.B. Wire	1,00,000	-	1,00,000	1,00,000
7	Oxygen Plant		12,00,000 NM ³	12,00,000 NM ³	12,00,000 NM ³
8	Nitrogen Plant		45,00,000 NM ³	45,00,000 NM ³	45,00,000 NM ³
9	Fly Ash Brick Plant		1,65,00,000 Nos.	1,65,00,000 Nos.	1,65,00,000 Nos.

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3.0 The company is operating 4 Rotary Kilns with a total capacity of 4,95,000 TPA of Sponge Iron with raw material mix of conventional sized iron ore, indigenous coal and dolomite.

4.0 The company now proposes to increase the production capacity of Sponge Iron from 4,95,000 TPA to 6,50,000 TPA with minor modification in the system, by change of raw material mix as well as operating parameters. Instead of using conventional sized iron ore and indigenous coal, the project proponent now proposes to feed iron ore pellets and mix of indigenous and imported coal.

5.0 It has been mentioned that there will be no change in the manufacturing process and process flow except change in feed material. The proposed raw materials mix is iron ore pellets, mix of Indigenous & imported coal and dolomite instead of iron ore lumps, coal and dolomite. It has been mentioned that since the company proposes to increase the production capacity of its Sponge Iron Plant without any modification in the plant and machinery, no additional land is required.

6.0 Following table shows the material balance for the production of 1 ton of Sponge Iron for existing 4,95,000 TPA iron ore and proposed 6,50,000 TPA pellets.

EXISTING - 4,95,000 TPA

Input Raw Materials	Quantity (Ton)	Total Quantity (TPA)	Output from Kiln	Quantity (Ton)	Total Quantity (TPA)
Iron Ore	1.60	7,92,000	Sponge Iron	1.00	4,95,000
Coal	1.20	5,94,000	Char & Dolochar	0.28	1,38,600
Dolomite	0.03	14,850	Dust from Settling Chamber	0.10	49,500
			ESP Dust	0.10	49,500
			Carbon & Oxide Losses to Atmosphere	1.35	6,68,250
	2.83	14,00,850		2.83	14,00,850

PROPOSED - 6,50,000 TPA

Input Raw Materials	Quantity (Ton)	Total Quantity (TPA)	Output from Kiln	Quantity (Ton)	Total Quantity (TPA)
Pellet	1.45	9,42,500	Sponge Iron	1.00	6,50,000
Coal	1.00	6,50,000	Char & Dolochar	0.20	1,30,000
Dolomite	0.03	19,500	Dust from Settling Chamber	0.07	45,500
			ESP Dust	0.07	45,500
			Carbon & Oxide Losses to Atmosphere	1.14	7,41,000
	2.48	16,12,000		2.48	16,12,000


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7.0 The above proposal was considered by the Expert Appraisal Committee (Industry-I) during its 1st meeting held on 18th – 20th November, 2015 and recommended the proposal for enhancement in production capacity of Sponge Iron Plant from 4,95,000 TPA to 6,50,000 TPA, under the provisions of para 7(ii) of the EIA Notification, 2006.

8.0 In view of the forgoing, Ministry accepts the recommendation of EAC and hereby accords approval for enhancement in production capacity of Sponge Iron Plant from 4,95,000 TPA to 6,50,000 TPA, under the provisions of para 7(ii) of the EIA Notification, 2006, as amended.


9.0 The company shall obtain fresh Environment Clearance in case of any change in the scope of the project.

This issues with the approval of the competent Authority.


12/11/2016
(Dr. Satish C. Garkoti)
Scientist 'F'

Copy to:-

1. The Secretary, Department of Environment, Government of Chhattisgarh.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, Chhattisgarh Environment Conservation Board, "Chhattisgarh Housing Board Colony, Commercial Complex, Kabir Nagar, Raipur, Chhattisgarh.
4. The Additional Principal Chief Conservator of Forests (C) of Ministry of Environment Forest & Climate Change Regional Office(WCZ),Ground Floor ,East Wing, New Secretariat Building, Civil Line, Nagpur-440001.
5. Guard File / Record File/Monitoring file.


(Dr. Satish C. Garkoti)
Scientist 'F'