



सत्यमेव जयते

Government of India
Ministry of Environment and Forests

F. No. J-11011/125/2010-IA II (I)

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To

Dated: 13th March 2014

The Managing Director,
M/s Sathavahana Ispat Limited,
Block 505, Divyashakti Complex,
Ameerpet, Hyderabad-500016,
Andhra Pradesh.

Email: sathavahana@eth.net Fax No. 040-23730566

Subject : Expansion of existing pig iron plant and CPP by installation of Ductile Iron Pipe Plant (1,90,000 TPA), Sinter Plant (2,98,800 TPA) and Captive Power Plant (15 MW) of **M/s Sathavahana Ispat Limited** at Village Haresamudram, Mandal Bommanahal, District Ananthapur, Andhra Pradesh – **Amendment in Environmental Clearance dated 02.06.2011 in respect of the production capacities - reg.**

Sir,

This is with reference to your letter No. Nil dated 01.10.2012 seeking amendment to the environmental clearance granted by this Ministry dated 02.06.2013 to **M/s Sathavahana Ispat Limited** for expansion of existing pig iron plant and CPP by installation of Ductile Iron Pipe Plant (1,90,000 TPA), Sinter Plant (2,98,800 TPA) and Captive Power Plant (15 MW) and your subsequent letter dated 05.11.2013 in response to this Ministry's letter dated 21.03.2013. It is noted that the request for amendment in the environmental clearance (EC) is in respect of the production capacities.

2. The aforesaid proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 5th meeting held during 31st January 2013 – 1st February 2013. It was noted that amendment sought is with respect to the following units as given below:

S. No.	Units	Approved production capacities as per the EC dated 02.06.2011	Amendment sought
1	Pig Iron Plant	2,50,000 MTPA	Nil
2	Captive Power Plant	3 MW+8.43 MW + 15 MW (Imported coal based and Blast Furnace Gas) ^{xx}	30 MW ^{xx} (Imported coal based)
3	Ductile Iron Pipe Plant	1,90,000 TPA	Nil
4	Sinter Plant	2,98,800 TPA	Nil
5.	DI Pipe Fittings	Nil	30,000 TPA

Note: ^{xx} 3 MW power plant will be discarded. 8.43 MW power plant will be used as a standby power. 15 MW power plant will be replaced by the 30 MW power plant – At any time, the power generation will not exceed 26.43 MW.

3. It was also noted that there will be no additional requirement of area due to the installation of 30 MW imported coal based power plant and DI pipe fittings unit. The proposed power plant and foundry facilities will be located within the existing area of 142.94 acres. However, no effluent will be discharged outside the plant premises. The water requirement for the plant will be increased from 4467 m³/day to 4917 m³/day. M/s. Sathavahana Ispat Limited has obtained permission for withdrawal of water from the Govt of Andhra Pradesh to withdraw 7000m³/day of water from River Hagari.

4. AAQ modeling study due to the installation of 30 MW imported coal based power plant indicates that the maximum incremental GLCs would be 0.3 µg/m³ and 8.2 µg/m³ with respect to PM and SO₂ respectively.

5. The aforesaid proposal was recommended by the Expert Appraisal Committee (Industry) for amendment in the EC as referred at para 2 above subject to the submission of certified compliance report from the Regional Office of MoEF for the environmental clearance accorded on 2.6.2011. M/s. Sathavahana Ispat Limited vide letter dated 5.11.2013 has submitted the certified compliance report from the Regional Office of MoEF for the environmental clearance accorded on 2.6.2011.

6. After taking into consideration aforesaid facts and events, the Ministry accepts the recommendation of the REAC (Industry) and the environmental clearance dated 2.6.2011 is amended substituting the table given under para 3 of the EC dated 2.6.2011 with the table given below:

S. No.	Units	Existing	Proposed
1	Pig Iron Plant	2,50,000 MTPA	Nil
2	Captive Power Plant	11.43 MW [3 MW+8.43 MW] (Imported coal based and Blast Furnace Gas)	30 MW ^{xx} (Imported coal based)
3	Ductile Iron Pipe Plant	--	1,90,000 TPA
4	Sinter Plant	--	2,98,800 TPA
5.	DI Pipe Fittings	Nil	30,000 TPA

Note: ^{xx} At any time, the power generation will not exceed 26.43 MW.

7. After item (xiv) under sub-para A. Specific Conditions of Para No.9, the following conditions shall be added:


xv. At any time, the power generation from the Captive Power Plant shall not exceed 26.43 MW.

xvi. In case source of coal supply is to be changed at a later stage (now imported coal from Indonesia) the project proponent shall intimate the Ministry well in advance along with necessary requisite documents for its concurrence for allowing the change.

xvii. High efficiency ESP shall be installed to control particulate emission below 50mg/Nm³ and emission shall be dispersed through stack of adequate height.

- xviii. Low NOx burners shall be installed to control NOx emission from the boilers.
- xix. A detailed study on chemical composition of coal used particularly heavy metal and radio activity contents shall be carried out through a reputed institute and report shall be submitted to Regional Office of the Ministry at Bangalore. Only after ascertaining its radioactive level shall fly ash be supplied for utilization in brick manufacturing.
- xx. Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.
- xxi. Total water requirement for the proposed expansion should not exceed 4917 m³/day and necessary permission from the competent authority shall be obtained for drawl of water. The water consumption shall not exceed as per prescribed standards for the steel plants.
8. All other conditions stipulated in the environmental clearance even no. dated 2.6.2011 shall remains the same.
9. In case, there is a change in the scope of the project, a fresh environmental clearance shall be obtained.

This issues with the approval of the Competent Authority.


(Dr.T.Chandni)
Director

Copy to:

1. The Principal Secretary, Department of Environment, Forest, Science & Technology, Government of Andhra Pradesh, Hyderabad, A.P.
2. The Additional Principal Chief Conservator of Forests, Regional Office (Southern Zone, Bangalore)Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Andhra Pradesh Pollution Control Board, Paryavaran Bhawan, A-III, Industrial Estate, Sanath Nagar, Hyderabad - A.P.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File/Monitoring File/Record File.