



**SPEED POST**

B-33014/07/2018/IPC-II/TPP/

April 24, 2018

To

(As Per List Enclosed)

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding compliance of emission limit notified vide notification No.S.O.3305 (E) dated 07.12.2015 in Captive Power Plants (CPP)- reg.**

WHEREAS, taking into consideration pollution from thermal power plants, Ministry of Environment, Forest & Climate Change had issued notification in the year 1984 laying out standards for thermal power plants. Further, the stack height regulation was notified in the year 1989 and effluent standard for thermal power plants was notified in the year 1986. The revised temperature limit of discharge of cooling water from the plants was notified in the year 1999 and thereafter use of beneficiated coal in the plants was issued in June 2002. The fly ash utilization notification was also issued on 14th September, 1999 and amended in the year 2003 and 2009. Thereafter, MoEF&CC vide Notification No. S.O.3305(E) dated 07.12.2015 has amended emission limit for particulate matter and notified new limits for Sulphur dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>) and mercury emission, and water consumption limit for coal/lignite based thermal power plants. As per the notification dated 07.12.2015, thermal power plants were required to achieve the notified limit within two years from the date of the notification i.e. by 07.12.2017;

WHEREAS, with the implementation of the amendment dated 07.12.2015, it is expected that there would be reduction in emission of PM, Sulphur dioxide and oxide of Nitrogen, which in turn will help in improvement in Ambient Air Quality in and around thermal power plants, besides reduction of mercury emission and water use in the thermal power plants will reduce;

WHEREAS, electricity is cleanest form of energy which helps in mitigating house hold air pollution which is matter of concern;

WHEREAS, there is need to provide electricity supply to people who do not yet have access to it;

WHEREAS, taking into consideration the technical challenges and time requirements for installation of FGD and other technologies to meet the new emission limits, the MoEF & CC vide its letter F. No. Q-15017/40/2007-CPW dated 07.12.2017 has directed CPCB to direct all the thermal power plants to ensure compliance with the norms laid down in the 07.12.2015 notification in accordance with the revised Plan submitted by the Ministry of Power letter dated 13.10.2017;

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, vide email dated 20.12.2017 MoEF & CC further directed CPCB to issue directions on similar lines to the units having Captive Power Plants.

WHEREAS, to decide time line for implementation for installation of FGD and other technologies to meet new emission in Captive Power Plants, meetings with Industrial Associations and technology providers were organised on January 17, 2018 & February 09, 2018 respectively and based on the assessment of time required to implement necessary measures to achieve revised emission norms, following time lines were decided for implementation of new emission norms notified on 07.12.2015 in Captive Thermal Power Plants:

- Captive Power Plants based on FBC (CFBC/AFBC and PFBC) to comply with new emission norm for PM & SO<sub>2</sub> by December 31, 2018.
- The Captive Power Plants which have to install FGD to comply with new emission norm for SO<sub>2</sub> by June 30, 2020 but comply with PM norms by December 31, 2018. The plants commissioned prior to December 31, 2003 to achieve NO<sub>x</sub> 600 mg/Nm<sup>3</sup> by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm<sup>3</sup> by June 30, 2020.

WHEREAS, vide No. letter B-33014/7/2018/IPC-II dated February 13, 2018, the Ministry of Environment, Forest & Climate Change, Government of India, has been requested to consider the proposed time lines and grant approval for issuing directions to CPP for implementation of new emission norms as per the time line mentioned above.

WHEREAS, the MoEF&CC vide its letter F. No. Q-15017/40/2007-CPW dated 27.02.2018 has directed CPCB to take necessary action in the above matter under appropriate section of EPA, 1986;

WHEREAS, CPCB convened meetings with State Pollution Control Boards on 10 & 11 April, 2018 to obtain list of captive power plants in their States so that CPCB can issue directions for compliance of new norms.

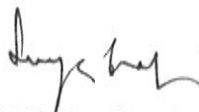
WHEREAS, the Ministry of Environment, Forest & Climate Change, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

NOW, THEREFORE, taking into consideration all material facts including environmental concerns and ensuring stability of power supply and need for implementation of new emission norms notified on 07.12.2015 and in exercise of powers vested under Section 5 of the Environment

(Protection) Act, 1986, you are hereby directed to comply with following directions:

- That Captive Power Plants based on FBC (CFBC/AFBC and PFBC) shall comply with new emission norm for PM & SO<sub>2</sub> by December 31, 2018.
- That Captive Power Plants which have to install FGD shall comply with new emission norm for SO<sub>2</sub> by June 30, 2020 and to comply with PM norms by December 31, 2018.
- That plants commissioned prior to December 31, 2003 to achieve NO<sub>x</sub> 600 mg/Nm<sup>3</sup> by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm<sup>3</sup> by June 30, 2020.

A PERT chart indicating month wise activities to comply with the above directions shall be submitted to CPCB & SPCB within 2 months, failing which action will be taken under appropriate provisions of the Environment (Protection) Act, 1986.

  
(SPS Parihar)  
Chairman  
hgf 26/01/18


**Copy to:**

The Chairman  
Jharkhand State Pollution Control Board  
T.A. Bldg., HEC, P. O. Dhurwa,  
Ranchi-834 004, Jharkhand

The Adviser (CP Division)  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216  
Indira Paryavaran Bhawan, Aliganj,  
Jor Bagh Road, New Delhi - 110003

The Regional Director  
Central Pollution Control Board  
Southend Conclave, Block 502, 5th & 6th Floor  
1582, Rajdanga Main Road  
Kolkata - 700 107

The Divisional Head - IT, CPCB

  
(A. Sudhakar)  
Member Secretary  
hgf

**List of Industries (Captive Power Plants) in Jharkhand**

Sl. No.	Name of Industries
1.	M/s Usha Martin Ltd, At-5th-Phase, AIA, Gamharia, Saraikela Kharsawan, Jharkhand
2.	M/s Kohinoor Steel & Power Ltd, At- Tuidungri, Kandra- Chowka Road Chandil, Saraikela Kharsawan, Jharkhand
3.	M/s Divine Vidhut Ltd, At- Kaushalgarh, Chowka Kandra- Rd, Dist- Saraikela Kharsawan, Jharkhand
4.	M/s Shah Sponge & Power , At - Hata, East Singhbhum, Jharkhand
5.	M/s Rungta Mines Ltd, Chaliyama Steel Plant, At- Chaliyama, Saraikela Kharsawan, Jharkhand
6.	M/s Adhunik Alloys & Power Ltd, Kandra, Saraikelam Kharsawan, Jharkhand
7.	M/s Bihar Sponge Iron, Chandil, Saraikela Kharsawan, Jharkhand
8.	M/s ACC Ltd., Jhinkpani, West Singhbhum, Jharkhand
9.	M/s HCL Ghatsila, East Singhbhum, Jharkhand
10.	M/s Hindalco Industries Limited, Main Plant, Muri, Ranchi, Jharkhand
11.	M/s Imperial Fastner, Kathara, Bokaro, Jharkhand
12.	M/s Bihar Foundry, Industrial Area, Marar, Ramgarh, Jharkhand
13.	M/s Brahmputra Metallic Ltd., Gola- Sikidari Road, Ramgarh, Jharkhand
14.	M/s Electrosteel Steels Ltd, Village Siyaljori, P.O. Jogidih, P.S. Chandankyari, Dist. Bokaro - 828 303, Jharkhand