



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST

B-33014/07/2018/IPC-II/TPP/ 616 To 638

April 16, 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 (SO₂), Oxides of Nitrogen (NO_x) 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;

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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 & SO₂ by December 31, 2018.
- The Captive Power Plants which have to install FGD to comply with new emission norm for SO₂ by June 30, 2020 but comply with PM norms by December 31, 2018. The plants commissioned prior to December 31, 2003 to achieve NO_X 600 mg/Nm³ by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm³ 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 & SO₂ by December 31, 2018.
- That Captive Power Plants which have to install FGD shall comply with new emission norm for SO₂ 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_x 600 mg/Nm³ by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm³ 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

 19/4/18


Copy to:

The Chairman
West Bengal Pollution Control Board
Paribesh Bhavan, 10-A, Block LA,
Sector III, Salt Lake City,
Kolkata-700 091

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

List of Industries (Captive Power Plants) in West Bengal

Sl. No.	Name of Industries
1	M/s. Shyam Sel & Power Ltd., Palitpur Road, Dewandighi, P.O.: Mirzapur, Burdwan
2	M/s. Shyam Steel Industries Ltd., Angadpur, Durgapur, Burdwan
3	Jai Balaji Industries Ltd. (Unit IV), Vill : Banskopa, P.O.: Rajbandh, P.S.: Durgapur, Pin - 713 212, Dist- Burdwan
4	M/s. Sova Ispat Ltd., Mejia Bankura
5	M/s. Concast Bengal Industries Ltd., Vill- Junbedia, Gurandi More, P.S. & Dist. - Bankura
6	M/s. Ankit Steel & Power Ltd., Jore Hira, Bankura
7	Shree Renuka Sugars Ltd., City Centre Debhog, Haldia, Purba Medinipur - 721 657
8	Dhunseri Petrochem Limited, Vill. Basudebpur, P.O. Khanjanchak, Purba Medinipur - 721 602.
9	Gokul Refoils and Solvent Limited HPL Link Road, PO - Debhog, Purba Medinipur - 721 657
10	Orissa Metaliks Private Limited UNIT-I, (Previously known as Rashmi Metaliks Limited Unit-II), Vill. Gokulpur, PO - Shyamraipur, Paschim Medinipur - 721 301
11	ITC Limited, PSPD, Unit: Tribeni, Chandrahati, Hooghly
12	Cygnat Industries Ltd. (Kesoram Rayon), Nayasarai, Hooghly
13	M/s Impex Ferro Tech Ltd., Kadavita Dendua Road, P. O. - Kalyaneswari, P. S. - Kulti, Dist. - Burdwan, Pin - 713369
14	M/s Jai Balaji Industries, Mangalpur, Raniganj
15	M/s Shyam Sel & Power Ltd., Vill - Dhasna, P. O. - Bahadurpur, P. S. - Jamuria, Dist. - Burdwan, Pin - 713362
16	M/s Shyam Sel & Power Ltd., G-6, Mangalpur Industrial Estate, P. O. & P. S. - Raniganj, Dist. - Burdwan, Pin - 713347

17	M/s SAIL - IISCO Steel Plant, Burnpur, Dist. - Burdwan, Pin - 713325
18	M/s Super Smelters Ltd., Jamuria Industrial Estate, Mondalpur, P. O. - Ikra, P. S. - Jamuria, Dist. - Burdwan, Pin - 713362
19	M/s Gagan Ferrotech Ltd., Jamuria Industrial Estate, Vill & P. O. - Ikrah, P. S. - Jamuria, Dist. - Burdwan, Pin - 713362
20	M/s Ispat Damodar Pvt. Ltd., Vill & P. O. - Digha, P. S. - Neturia, Dist. - Purulia, Pin - 723121
21	M/s Ballavpur Paper Manufacturing Ltd., P. O. - Ballavpur, P. S. - Ranigunj, Dist. - Burdwan, Pin - 713323
22	M/s Shakambhari Ispat & Power Ltd., Vill - Madandih, P. O. - Bartoria, P. S. - Neturia, Dist. - Purulia, Pin - 723121
23	M/s Vision Sponge Iron Pvt. Ltd., Vill - Rakta, P. O. - Madhukunda, P. S. - Santuri, Dist. - Purulia, Pin - 723121