



SPEED POST

B-33014/07/2018/IPC-II/TPP/ 659 To 672

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;

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
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Ministry of Environment, Forests and Climate Change
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The Regional Director
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Shivanagar, Bengaluru -560 079

The Divisional Head - IT, CPCB



(A. Sudhakar)
Member Secretary

List of Industries (Captive Power Plants) in Karnataka

Sl. No.	Name of Industries
1	Birla Shakti Cement (Formerly Vasavadatta Cements), Sedam, Kalaburagi District
2	Ultratech Cement Ltd, (Formerly Rajashree Cements), Malkhed Kalaburagi District
3	ACC Ltd, (Previously Tata Power Corp. Ltd) Wadi, Kalaburagi District
4	Grasim Industries Ltd, Kumarapatnam, Ranebennur Taluk, Haveri District
5	West Coast Paper Mill, Oandeli, Uttara Kannada District
6	Gulberga Power Private Ltd, Chatrasala Village, Chincholi Taluk, Kalaburagi District
7	Chettinadu Cement Corporation, Kallur and Sangam villages, Chincholi Taluk, Kalaburagi District
8	Surana Power Ltd, Raichur Growth Center, Raichur Taluk & District
9	Star Metallics & Power Private Ltd, Hanumanahalli & M.M.Halli villages, Vyasanakere Post, Hosper Taluk, Ballari district
10	Himatsingka Linens, Plot No.1, SEZ, KIADB Industrial Area, Hanumanthapura Post, Hassan
11	BMM Ispat Ltd., Ballari
12	Dalmia Cement Ltd, Yedwad village Gokak taluk, Belgaum District
13	Orient Cement Ltd., Chittapura Taluk, Gulberga district
14	KJ Cement Works, Muddapura, Begalkot district