



SPEED POST

B-33014/07/2020/IPC-II/TPP/ 8928

October 16, 2020

To,

M/s Bharat Aluminium Company Limited (BALCO),  
(540 MW, 1200 MW & 270 MW)  
P.O: Balco Nagar, Korba – 495 684,  
Chhattisgarh

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding compliance of new emission norms notified vide notification No.S.O.3305 (E) dated 07.12.2015 in Captive Power Plants (CPPs)– reg. time extension**

WHEREAS, Ministry of Environment, Forest and Climate Change, Government of India (MoEF&CC) vide Notification No. S.O.3305(E) dated 07.12.2015 has amended norms for Particulate Matter (PM) emission and notified new norms for Sulphur dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>) and mercury emission and specific water consumption for coal/lignite based thermal power plants. As per the notification dated 07.12.2015, thermal power plants were required to achieve these norms within two years from the date of the notification i.e. by 07.12.2017;

WHEREAS, with the implementation of the new emission norms 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 in mercury emission and water consumption in thermal power plants;

WHEREAS, taking into consideration the technical challenges and time requirement for installation of technologies to meet the new emission norms, the MoEF&CC vide its letter F.No. Q-15017/40/2007-CPW dated 07.12.2017 directed CPCB to direct all the TPPs to ensure compliance with the new norms laid down in the 07.12.2015 notification in accordance with the Revised Schedule for Electrostatic Precipitator (ESP) upgradation and Flue Gas Desulphurisation (FGD) installation in power plants submitted by the Ministry of Power (MoP) vide letter dated 13.10.2017, as well as NO<sub>x</sub> by year 2022;

WHEREAS, the Revised Schedule for Electrostatic Precipitator (ESP) upgradation and Flue Gas Desulphurisation (FGD) installation in power plants submitted by the Ministry of Power (MoP) vide letter dated 13.10.2017 did not include timelines for Captive Power Plants (CPPs), thus, no timeline was specified for the CPPs of M/s BALCO, Korba, Chhattisgarh in the Revised Schedule;

WHEREAS, MoEF&CC vide email dated 20.12.2017 asked CPCB to issue directions on similar lines to the units having captive power plants, CPCB vide letter No. B-33014/7/2018/IPC-II dated February 13, 2018 proposed to MoEF&CC the time lines for CPPs for implementation of new emission norms, and MoEF&CC vide letter F. No. Q-15017/40/2007-CPW dated 27.02.2018 allowed CPCB to take necessary action in the above matter under appropriate section of EPA, 1986;

WHEREAS, CPCB issued following directions under Section 5 of the Environment (Protection) Act, 1986 on 16.04.2018 and 24.04.2018 to CPPs based on the list provided by the respective SPCBs/PCCs, including CPP of M/s BALCO, Korba, Chhattisgarh to ensure compliance of the new emission norms:

Wg



- 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 to 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 NOx 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, M/s BALCO, Korba, Chhattisgarh vide letter dated 13.07.2020 has requested for extension of time for installation of FGD to comply with new emission norm for SO<sub>2</sub>, stating that the execution of FGD tendering had to be put to halt due to the lockdown condition and the plant has awarded a Letter of Intent (LoI) for installation of FGD on 29.06.2020.

WHEREAS, after carefully examining the representation received from M/s BALCO, Korba, Chhattisgarh and also from the Indian Captive Power Producers Association regarding allowing more time to install FGD in CPPs due to impact of COVID-19 pandemic on FGD implementation activities, and considering that the disruption in movement of goods, services and manpower due to situation created by COVID-19 pandemic has been acknowledged and recognised as a Forced Majeure event, it has been decided to allow up to one year time extension beyond 30.06.2020 to M/s BALCO, Korba, Chhattisgarh for compliance of new emission norms for SO<sub>2</sub> by installing FGD.

WHEREAS, the Ministry of Environment, Forest and 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 impact of COVID-19 pandemic and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, the direction dated 16.04.2018 issued to M/s BALCO, Korba, Chhattisgarh is modified to the extent that the timeline for installing FGD to comply new emission norm for SO<sub>2</sub> may be read as June 30, 2021.

  
(Shiv Das Meena)  
Chairman  


**Copy to:**

1. The Chairman,  
Chhattisgarh State Environment Conservation Board,  
Paryavas Bhawan, North Block Sector-19,  
Atal Nagar, **Raipur - 492 002**, Chhattisgarh : To ensure compliance of above  
directions and amend Consent to  
Operate accordingly.
2. The Joint Secretary (CP Division) : For information.  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216  
Indira Paryavaran Bhawan, Aliganj,  
Jor Bagh Road, **New Delhi - 110003**
3. The Regional Director, : For information.  
Central Pollution Control Board  
Parivesh Bhawan, Paryavaran Parisar,  
E-5, Arera Colony, **Bhopal 462 016**,  
Madhya Pradesh
4. ✓ The Divisional Head - IT, CPCB : For uploading the direction on  
CPCB website.

  
(Prashant Gargava)  
Member Secretary

