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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-33014/07/2019/IPC-II/TPP/2788

June 17, 2019

To

The General Manager
M/s Hasdeo Thermal Power Station
(Korba West TPS), CSPGCL,
Village: Darri, P.O. - Vidyut Nagar,
Dist: Korba - 495 450, Chhattisgarh

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Hasdeo Thermal Power Station, Korba West, C.S. Power Generation Co. Ltd, PO-Vidyut Nagar, Korba, Chhattisgarh - Show Cause thereof.

WHEREAS, Thermal Power Plants are identified as one of the 17 categories of highly polluting industries in the country and have been discharging environmental pollutants directly or indirectly into ambient air and water, which pose constant threat to cause adverse effect on air and water quality; and

WHEREAS, for strengthening monitoring and compliance through self-regulatory mechanism, online emission and effluent monitoring systems need to be installed and operated by the developers and the industries on 'polluter pays principle'; and

WHEREAS, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Hasdeo Thermal Power Station (HTPS), Korba West, C.S. Power Generation Co. Ltd. (CSPGCL), PO-Vidyut Nagar, Korba, Chhattisgarh for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for parameters namely PM, SO₂, NOx & pH, TSS, Temperature & Flow and submission of the status; and

WHEREAS, M/s HTPS, CSPGCL has been directed on 06.04.2018 to install FGD upgrade the ESPs in Units - 1 to 4 by December 31, 2020 and to comply with new emission norms as per MoEF&CC notification dated 07.12.2015;

WHEREAS, based on the number of SMS alerts received from OCEMS of M/s HTPS, CSPGCL, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate - Central, Bhopal carried out an inspection of M/s HTPS, CSPGCL during May 23 - 24, 2019 and made the following observations:

1. The CTO under Air and Water Acts, 1981 & 1974 of M/s HTPS is valid for Unit-5 up to 04.09.2019, whereas, for Unit-1-4 it is valid up to 14.09.2019. Hazardous Wastes Authorisation of Plant is also valid up to 14.09.2019.
2. It was informed by the unit representative that the ESP augmentation work in Unit-1 to 4 was assigned to M/s BHEL. The completion of augmentation of ESPs in Unit-1, 3 & 4 is expected by end of December 2020. It was reported that augmentation ESP in Unit-2 has been completed.
3. **Emission from Units -1 & 4 was found to be non-complying with the prescribed standards.** The concentration of PM during manual monitoring in Units - 1, 2 & 4 was observed to be 187 mg/Nm³, 47 mg/Nm³ and 198 mg/Nm³ which are exceeding even the pre-revised national standards of 150 mg/Nm³ in Units - 1 & 4. Whereas as per online monitoring system the concentration of PM was found as 161, 44 and 149 mg/Nm³ from Unit- 1, 2 & 4 respectively. Moreover, the deviation between manual and online monitoring was found in range of 6% - 25%.


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4. The effluent generated from boiler blowdown and other processes is treated in ETP and the treated water is used for ash disposal. Domestic waste water is treated in STP. The ash pond overflow from 3 out of 4 ash ponds treated and then discharged into Hasdeo River and in 4th ash pond AWRS is installed to recycle ash pond overflow.
5. The effluent samples were collected from 03 locations i.e. boiler blowdown, cooling tower blowdown and ash pond overflow. The samples were found to be complying with the prescribed standards.

WHEREAS, Ministry of Environment & Forests, 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.

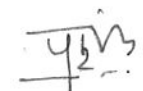
NOW, THEREFORE, in view of the non-compliances mentioned above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Hasdeo Thermal Power Station (HTPS), Korba West, CSPGCL, Korba, Chhattisgarh is hereby directed to show cause as to why the Units - 1 & 4 of the plant should not be closed in view of the non-compliance as highlighted above.

M/s Hasdeo Thermal Power Station (HTPS), Korba West, CSPGCL, Korba, Chhattisgarh is given an opportunity to submit its objection, if any, within 15 days from the date of issue of the directions. In case of failure, the Board will be constraint to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.


18/06/14
(S.P.S. Parihar)
Chairman

Copy to:

1. The Chairman
Chhattisgarh State Environment Conservation Board,
Paryavas Bhawan, North Block Sector-19,
Atal Nagar, Raipur - 492 002, Chhattisgarh
2. The Additional Secretary (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 - 110 003
3. The Regional Director
Central Pollution Control Board
4th Floor, Sahkar Bhawan, North TT Nagar,
Bhopal - 462 003
4. The Divisional Head- IT, CPCB
5. The Divisional Head- IPC-VI, CPCB


(Prashant Gargava)
Member Secretary