

SPEED POST

B-33014/07/2017-18/IPC-II/TPP/ 152111

December 07, 2017

To

The General Manager
Kalisindh Thermal Power Project,
Village- Undal & Nimoda, Tehsil- Jhalarpatan,
Jhalawar-326 023, Rajasthan

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Kalisindh Thermal Power Project, Jhalawar, Rajasthan- 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, M/s Kalisindh Thermal Power Project (KTPP) has installed Online Emission & Effluent Monitoring System (OCEMS) for PM, SO₂, NO_x, pH, TSS, Temp., BOD and COD and has established online connectivity of same with CPCB server.

WHEREAS, during the period of 15.09.2017 to 15.10.2017, as per SMS alert record, it was observed that M/s Kalisindh Thermal Power Project (KTPP) has generated a total of 5549 SMS alerts for PM, pH and Temperature parameters; and

WHEREAS, 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 KTPP during 30.10.2017 to 01.11.2017 and made the following observations:

1. M/s KTPP has a valid consent under Air and Water Acts, 1981 & 1974 with validity up to 31.08.2019. The unit has applied to RSPCB for obtaining HW Authorisation on 27.12.2016.
2. The concentration of PM during manual monitoring in Units-1 & 2 was observed to be 71 mg/Nm³ & 42 mg/Nm³ against the consented limit of 50 mg/Nm³. Whereas, as per online monitors, the average concentration of PM was found to be 74 mg/Nm³ & 84 mg/Nm³ (significant deviation (100%) from manually monitored values of PM concentration in Unit-2) respectively from Unit-1 & 2. The concentration of SO₂ and NO_x were also exceeding the consented limits.
3. The present location of EQMS/OCEMS for pH, Temp. and TSS is not appropriate as these sensors were found placed in a big jar in stagnant water condition due to which constant values of all parameters were being transmitted to CPCB server.
4. M/s KTPS is maintaining ZLD, but it was observed that small quantity of water was being discharged outside the unit through storm water drain.
5. The waste oil generated in various section of plant are being stored openly on land opposite to DM plant and M/s KTPP has not provided any shade, oil spillage collection pit, fire extinguisher, quantity display board etc. in storage area. The ETP sludge generated from

M/s Kalisindh Thermal Power Project, Jhalawar, Rajasthan

water treatment plant is also being disposed openly on land near additional raw water pump house.


6. The housekeeping in ash silo area was not up to the mark as lots of fly ash spilled over which may lead to fugitive emission during movement of heavy vehicles. Fugitive emissions were also seen during staking/shifting of the coal by pay loader or JCB.

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 exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Kalisindh Thermal Power Project, Jhalawar, Rajasthan is directed to show cause within 15 days as to why your unit should not be closed if necessary action in respect of the following is not taken:

1. That M/s KTPP shall take action for augmentation of the efficiency of ESP of Unit- 1 so as to achieve emission limit of 50 mg/Nm³ of PM and submit emission analysis report from a recognized lab as evidence.
2. That M/s KTPP shall ensure regular calibration of CEMS and also inform immediately whenever CEMS are not in operation either due non-operation of plant or any other reason.
3. M/s KTPP shall take action to not discharge effluent outside the premises and achieve zero liquid discharge as stipulated in the Consent to operate (CTO).
4. M/s KTPP shall place EQMS/OCEMS at proper place and transmit online data as per guidelines issued by CPCB. The Plant shall also install flow meter.
5. M/s KTPP shall address the shortcomings observed regarding handling of hazardous wastes and obtain Hazardous Waste Authorization from RSPCB and dispose the waste as per HWM, Rules 2016. The Plant shall also ensure proper handling of ETP sludge.
6. M/s KTPP shall augment dust extraction/ suppression system at Coal Handling Plant (CHP) and ash silo area to minimize fugitive dust emission within three months.

M/s Kalisindh Thermal Power Project, Jhalawar, Rajasthan shall submit its reply within 15 days from the date of issue of notice. In case of failure, the Board will be constrained to initiate action as may be deemed necessary and appropriate under the Environment (Protection) Act, 1986.

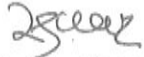

(S.P.S. Parihar)
Chairman

huf 09.12.17

Copy to:

1. The Chairman
Rajasthan Pollution Control Board,
A-4, Institutional Area,
Jalana Dungri, Jaipur 302 004,
Rajasthan

2. The Addl. 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 - 110003
3. The Regional Director - West,
Central Pollution Control Board
3rd Floor, Satkar Bhawan Near TT Nagar,
Bhopal - 462 016
4. ✓ The Divisional Head - IT, CPCB
5. The Divisional Head - IPC-VI, CPCB


(A. Sudhakar)
Member Secretary

