



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

EMAIL & SPEED POST

IPC-II/TPP/CP-14/13/2023/ 2577

July 19, 2023

To,

The Chief Engineer,
Suratgarh Supercritical Thermal Power Plant,
Rajasthan Rajya Vidyut Utpadan Nigam Limited,
Suratgarh, Dist. Sri Ganganagar - 335 805, Rajasthan

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to Suratgarh Supercritical Thermal Power Plant, Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL), Suratgarh, Dist. Sri Ganganagar, Rajasthan - reg.

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, having potential threat to cause adverse effect on air and water quality; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed thereunder; and

WHEREAS, for strengthening the monitoring and compliance through self-regulatory mechanism, a direction under section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs) / Pollution Control Committees (PCCs) for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) w.r.t. PM, SO₂, NO_x, pH, TSS, BOD, COD, Flow parameters in 17 categories of highly polluting industries including Thermal Power Plants; and

WHEREAS, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to Suratgarh Super Thermal Power Station (Units - 1 to 6), RRVUNL, Rajasthan for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for emission parameters PM, SO₂, NO_x, and effluent parameters pH, TSS, Flow, and submission of the status of installation and data connectivity; and

WHEREAS, Suratgarh Supercritical Thermal Power Plant (Units - 7 & 8), RRVUNL, Rajasthan has been inspected by a team of CPCB RD Bhopal during June 08-09, 2023 under the environmental surveillance of 17 categories of high pollution potential industries and common facilities based on OCEMS data, in order to verify environmental compliance and the status of OCEMS. The salient observations based on the inspection carried out by CPCB inspecting team are as below:

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‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

1. The concentration of PM during manual emission monitoring in Units - 7 and 8 has been recorded as 29 mg/Nm³ and 24 mg/Nm³, respectively (Std. 30 mg/Nm³).
2. The effluent samples collected from three locations i.e. cooling tower blow down, ash pond overflow (AWRS) and ETP outlet, have been found complying with the prescribed standards. Further, the Plant is maintaining ZLD and not discharging any effluent outside the premises.
3. OCEMS has been installed for emission parameters PM, SO₂, NO_x and Hg, and effluent parameters pH and Turbidity (instead of TSS). However, during the visit Hg (mercury) analysers were found not working. Further, OCEMS for emission parameters are connected with CPCB server but OCEMS for effluent parameters are not connected with CPCB and SPCB servers.
4. Sewage Treatment Plant is under installation and has not been commissioned.
5. Authorization under HW Rules, 2016 has not been granted by SPCB to the Plant.

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 above and in exercise of the powers vested under Section 5 of the Environment (Protection) Act, 1986, following directions are hereby issued to Suratgarh Supercritical Thermal Power Plant, RRVUNL, Rajasthan:

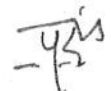
1. The Plant shall take immediate action for installation of OCEMS for effluent parameter TSS, and establish the connectivity of effluent parameters pH and TSS with CPCB and SPCB servers.
2. The Plant shall commission the Sewage Treatment Plant at the earliest.
3. The Plant shall obtain Authorization under HW Rules, 2016 at the earliest.

Suratgarh Supercritical Thermal Power Plant, RRVUNL, Rajasthan shall ensure compliance of the directions mentioned above at Sl. Nos. 1 to 3 and submit compliance report within 30 days from the date of issue of the directions. In case of failure, the Board will be constrained to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.

MTC
19/7/23
(Tanmay Kumar)
Chairman
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Copy to:

1. The Chairman,
Rajasthan Pollution Control Board,
A-4, Institutional Area, Jalana Dungri,
Jaipur - 302 004, Rajasthan
2. The Director (CP Division),
Ministry of Environment, Forests and Climate Change,
Indira Paryavaran Bhawan, Aliganj,
Jor Bagh Road, New Delhi - 110 003
3. The Regional Director (Central),
Central Pollution Control Board,
Parivesh Bhawan, Paryavaran Parisar,
E-5, Arera Colony, Bhopal - 462 016,
Madhya Pradesh
4. The District Collector and Magistrate,
Collectorate Area, Old Dhan Mandi,
Sri Ganganagar - 335 001, Rajasthan
5. The Divisional Head - IT, CPCB


(Prashant Gargava)
Member Secretary

