



SPEED POST

B-33014/07/2019/IPC-II/TPP/2802

June 18, 2019

To

The General Manager/~~Plant~~ Head,
M/s Suryadev Alloys & Power Limited,
No. 298/2, New Gummidipoondi, Gummidipoondi - Taluk,
Dist. Thiruvallur - 601 201, Tamilnadu

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Suryadev Alloys & Power Limited, New Gummidipoondi, Thiruvallur, Tamilnadu - 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 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 were issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring systems w.r.t PM, SO₂ & NO_x parameters & online effluent monitoring system for pH, TSS, & Temperature parameters in thermal power plants; and

WHEREAS, it is presumed that concerned SPCB/PCC has also in-turn issued direction under section 33 (A) of the Water (Prevention & Control of Pollution) Act, 1974 and section 31 (A) of the Air (Prevention & Control of Pollution) Act, 1981 to M/s Suryadev Alloys & Power Limited, New Gummidipoondi, Thiruvallur, Tamilnadu to install the online effluent and emission monitoring system; and

WHEREAS, M/s Suryadev Alloys & Power Limited (SAPL), New Gummidipoondi, Thiruvallur, Tamilnadu has been directed on 16.04.2018 to comply with new emission norm for PM & SO₂ by December 31, 2018 and NO_x by June 30, 2020 (Unit having CFBC Boiler and commissioned during 01.01.2004 to 31.12.2016);

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate - South, Bengaluru carried out an inspection of M/s SAPL during May 21-22, 2019 and made the following observations:

- 1. Emission from Unit - 1 was found non-complying with the prescribed standards of Particulate Matter (PM) emission.** The concentrations of PM, SO₂ & NO_x during manual monitoring in Units-1 were observed to be 67.9 mg/Nm³, 107 mg/Nm³ and 115 mg/Nm³ respectively against standards of 50 mg/Nm³, 600 mg/Nm³ and 300 mg/Nm³. Moreover, the deviation between online monitoring and actual manually monitored values for Unit - 1 was found high (31 - 82%). As per online monitors,

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the average concentrations of PM, SO₂ & NO_x were found to be 46.9 mg/Nm³, 195 mg/Nm³ and 165.0 mg/Nm³ respectively.

2. Sampling facilities have been provided at the stack for manual monitoring but the same could not be carried out at reference point at stack due to reason that the thickness of RCC stack wall is 1.3 meter and the length of port hole is 20 cm. Whereas, the length of pitot tube is 1.5 metre. Therefore, stack monitoring was carried out at the Duct of Unit-1.
3. The effluent samples were collected from ETP and STP inlets and outlets and the results were found as pH: 8.6, TSS: BDL, COD: 09 mg/l (ETP outlet) and pH: 7.7, TSS: BDL, COD: 19 mg/l, BOD: BDL (STP outlet). The effluent parameters were found complying with the prescribed standards. The treated effluent from ETP is reused in process and for ash handling and the treated effluent from STP is used in horticulture.
4. **The Consent to operate of M/s SAPL under Air and Water Acts, 1981 & 1974 has expired on 31.03.2019.** The Plant has applied for renewal of CTO to TNPCB on 01.02.2019. Authorisation of Hazardous Wastes is valid up to 26.02.2022.

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-compliance of PM emission standards in Unit - 1 and other shortcomings mentioned above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Suryadev Alloys & Power Limited, New Gummidipoondi, Thiruvallur, Tamilnadu is hereby directed to show cause as to why the Unit - 1 of the Plant should not be closed in view of the non-compliances as highlighted above.

M/s Suryadev Alloys & Power Limited, New Gummidipoondi, Thiruvallur, Tamilnadu shall submit its reply to show cause notice 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.


19/6/18
(S.P.S. Parihar)
Chairman


Copy to:

1. The Chairman
Tamil Nadu Pollution Control Board
76, Anna Salai, Guindy Industrial Estate,
Race View Colony, Guindy,
Chennai - 600 032, Tamil Nadu
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 - 110 003**
3. The Regional Director - South,
Central Pollution Control Board
1st & 2nd Floors, Nisarga Bhawan, A-Block,
Thimmaiah Main Road, 7th D Cross,
Shivanagar, **Bengaluru -560 079**
4. The Divisional Head - IT, CPCB
5. The Divisional Head - IPC-VI, CPCB


(Prashant Gargava)
Member Secretary

