



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

December 27, 2019

HO/ISP/IPC2-327/2019/ 10453

To

M/s. Srikalahasthi Pipes Pvt. Ltd.,
Rachaguneri (v), Srikalahasthi (M)
Chittor, Andhra Pradesh

Sub: Revocation cum Time Bound directions under Section 5 of the Environment (Protection) Act, 1986.

Ref: CPCB letter No. HO/ISP/IPC2-327/2019/6226, dated 03.09.2019.

WHEREAS, integrated iron and steel plants and sponge iron units are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality;

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 there under;

WHEREAS, there is need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices;

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

WHEREAS, 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 emission monitoring system and online effluent monitoring system in iron & steel industries;

WHEREAS, considering the requests/ representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide directions dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981;

WHEREAS, for installation and connectivity of the On-line Continuous Emission and Effluent Monitoring System (OCEMS) relevant guideline(s) prepared by CPCB vide "Guidelines for Real-time Effluent Quality Monitoring System" published on 07.11.2014 and "1st Revised Guidelines for Continuous Emission Monitoring Systems August 2018"; and

WHEREAS, based on SMS alerts generated, CPCB - Regional Directorate (Bangalore) inspected M/s. Srikalahasthi Pipes Pvt. Ltd., Rachaguneri (v), Srikalahasthi (M), Chittor, Andhra Pradesh on 18.07.2019 to 20.07.2019. During inspection manual emission monitoring of several processes was being carried out and value of SO₂ in stack of Vertical Shaft Kilns (VSK-cement plant) were found to be 905 mg/Nm³ against permissible limit 200 mg/Nm³.

M/s. Srikalahasthi Pipes Pvt. Ltd., Rachaguneri (v), Srikalahasthi (M), Chittor, Andhra Pradesh

1of3

WHEREAS, in view of above gross violation of emission standard and other non-compliances M/s. Srikalahasthi Pipes Pvt. Ltd., Rachagunneri (v), Srikalahasthi (M), Chittoor, Andhra Pradesh was directed to stop operation of only Vertical Shaft Kilns (VSKs) and to show cause as to why the operation of the iron and steel plant be not stopped vide CPCB letter No. HO/ISP/IPC2-327/2019/6226, dated 03.09.2019.

WHEREAS, the unit has submitted compliance to CPCB vide letters dated 23.09.2019, 25.09.2019 and 14.10.2019 along with self-closure certificate dated 24.09.2019 w.r.t. VSK as below:

- The unit has stopped operation of VSK.
- Design of ESP on head end of sinter plant is for 50 mg/Nm³. Unit has cleaned all the fields of ESP and checked/ rectified the voltage / current of all anodes and cathodes of ESP.
- Unit has replaced all damaged bags in the bag filter of Mg converter.
- Covering hood and fume extraction system has been installed and connected to the bag filter system of induction furnace and Mg converter. The hood of induction furnace no. 6 will be connected within 01 months. The suction hoods will be provided on pre heating of metal holding hopper within 01 months.
- The unit is achieving ZLD and normally no effluent is discharged.
- OCEMS in boiler will be installed 02 months and in other stacks of emission within 03 months.
- Flow meter and camera will be installed within 02 months.
- Unit will relocate port hole to appropriate location and replace monkey ladder.
- Slag removal has been regulated and raw material kept covered now and sprinklers provided.

WHEREAS, unit vide letter dated 03.10.2019 has submitted stack emission monitoring report for the parameters SO₂ (VSK, cement plant) –180 mg/ Nm³ (limit 200 mg/Nm³); PM (Sintered Head ESP)-77 mg/Nm³ (limit 100 mg/Nm³); PM (Mg Converter de-dusting-2)-81 mg/Nm³ (limit 100 mg/Nm³) carried out by MoEFCC, GoI approved M/s. Universal Enviro Associates laboratory; and

WHEREAS, in view of above unit was informed that reply w.r.t. Show Cause Notice is being examined an adequacy report along with self-closure certificate w.r.t. to VSK units has been sought vide CPCB e-mail dated 23.10.2019.

WHEREAS, unit vide reply dated 26.10.2019 submitted the self-closure certificate and adequacy report dated 26.10.2019 prepared by IIPC, Jadavpur University, Chemical Engineering Dept. Kolkata, West Bengal w.r.t. VSK Kilns. As per adequacy report unit is manufacturing cement clinker from 02 no. VSK kilns using limestone, coke, clay and iron ore as raw material. Moreover, as per IT division report dated 02.08.2019 the stack attached with 02 no. VSK kilns are already connected with PM, SO₂, and NO_x analyzers and connected with the CPCB server.

WHEREAS in view above only the case of direction for stoppage operation of Vertical Shaft Kilns (VSKs) was placed before Three-Member Committee again on 09.12.2019 at CPCB, Delhi and the Three-Member Committee recommended the case for revocation of closure order dated 03.09.2019 w.r.t. 02 no. Vertical Shaft Kilns (VSKs); and

WHEREAS, the 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, the closure direction dated 03.09.2019 w.r.t. 02 no. Vertical Shaft Kilns (VSKs) issued u/s 5 of the Environment (Protection) Act, 1986 to M/s. Srikalahasthi Pipes Pvt. Ltd., Rachagunneri (v), Srikalahasthi (M), Chittoor, Andhra Pradesh is hereby revoked with the



condition that (i) unit shall submit Performance Assessment Report of the Emission Control System (ECS) and ZLD including analysis report of emission(s) and effluent(s) from the same Govt. Institute which has prepared the adequacy report and (ii) will complete the proposed works and submit Action Taken Report (ATR) within 60 days from the issue of this letter failing which appropriate action as deemed fit under the provisions of Environment (Protection) Act, 1986 will be initiated against M/s. Srikalahasthi Pipes Pvt. Ltd., Rachagunneri (v), Srikalahasthi (M), Chittoor, Andhra Pradesh without any further notice.

However, M/s. Srikalahasthi Pipes Pvt. Ltd., Rachagunneri (v), Srikalahasthi (M), Chittoor, Andhra Pradesh shall operate with valid consent under the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 & Authorization under H&OW (M&TBM) Rules, 2016 and shall ensure continuous data transmission from online emission and effluent monitoring systems to CPCB and SPCB and shall comply with the aforesaid Directions.


[S. P. S Parihar]
Chairman

Copy to:

- 1 **The Joint Secretary, CP Division** : For information please.
MOEFCC, Prithvi Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110003
- 2 **The Chairman** : With a request to ensure compliance of this direction and to
A P Pollution Control Board submit action taken report.
Paryavaran Bhavan
A-III, Industrial Estate, Sanath Nagar
Hyderabad – 500018
- 3 **The Regional Director (Bengaluru)** : For information please.
Central Pollution Control Board
1st & 2nd Floors, Nisarga Bhavan
A-Block, Thimmaiah Main Road
7th D Cross, Shivanagar,
Bengaluru –560 079
- 4 **The Incharge, IT Division, CPCB,** : For information please.
Delhi.
- 5 **The Incharge, IPC-VI CPCB, Delhi.** : For information please.


(Prashant Gargava)
Member Secretary