



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-33014/7/2018/IPC-II/

May 15, 2019

To

**The Unit Head**  
M/s Ramco Cement Ltd.  
Govindpuram Works  
Senduraj Road  
Ariyalur - 621 713  
Tamilnadu

**Sub: Compliance direction under section 5 of the Environment (Protection) Act, 1986.**

WHEREAS, the cement industries 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; and

WHEREAS, Ministry of Environment, Forests & Climate Change has notified emission standards for Particulate matter, SO<sub>2</sub> & NO<sub>x</sub> vide GSR 612 (E) dated 25.08.2014; and amended it vide GSR 496 (E) dated 09.05.2016 for all cement industries and vide GSR 497 (E) dated 10.05.2016 for cement industries carrying out co-processing of wastes in their cement kilns; and

WHEREAS, on request of cement industries, timeline was extended upto March 31, 2017 to comply with the aforesaid new notified emission standards; and

WHEREAS, the matter regarding reconsideration of notified standards was taken up by the cement industries with the Ministry of Environment, Forest and Climate Change (MoEF&CC) and it was decided by MoEF&CC that general extension shall not be granted and any extension regarding compliance shall be based on due assessment and submission of clear/specific road map for compliance with notified standards in a time bound manner. Accordingly, Directions under Section 3 of Environment (Protection) Act, 1986 have been issued by MoEF&CC to CPCB on 28.03.2017 to ensure implementation of new notified emission standards for cement industries; and

WHEREAS, the cement industries were reminded vide letter dated 30.03.2017 that new notified emission standards for cement industries have become effective from April 01, 2017 and directed to submit clear/specific time-bound action plan for compliance with new notified standards before April 30, 2017; and

WHEREAS, several meetings were convened by Regional Directorates of CPCB with cement industries and State Pollution Control Boards to expedite the submission of action plans and ensure compliance. A standard format was developed to facilitate cement industries in submission of action plans in a precise & scientific manner and the same was circulated among cement industries. Accordingly, all the cement industries were directed to submit the specific action plan as per the standard format before 30.04.2017; and

M/s Ramco Cement Ltd., Govindpuram Works, Ariyalur Tamilnadu  
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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WHEREAS, action plan submitted by M/s Ramco Cement Ltd, Govindpuram works, Ariyalur Tamilnadu dated 25.04.2017, indicating that the unit is complying with the revised emission norms of cement industries; and

WHEREAS, CPCB issued direction dated 16.04.2018 to various industry CPP for compliance of new/revised emission norms for thermal power plant, notified by MoEF&CC notification dated 07.12.2015 to comply with PM norms by December 31, 2018; and

WHEREAS, RD- Bangalore carried out inspection of M/s Ramco Cement Ltd, Govindpuram works, Ariyalur Tamilnadu during March 11-12, 2019 to verify compliance status w.r.t. SMS alert/offline status and carried out manual emission testing to verify compliance. As per manual emission monitoring results:

- The NO<sub>x</sub> emission, monitored from kiln stack of line-2 (**1000 mg/Nm<sup>3</sup>**) was exceeding the emission standards i.e. NO<sub>x</sub> -800 mg/Nm<sup>3</sup>.
- The PM emission (**103 mg/Nm<sup>3</sup>**) and NO<sub>x</sub> emission (**522 mg/Nm<sup>3</sup>**), monitored from common stack for CPP Boiler 1 & 2 of line 2 were exceeding the emission standards i.e. PM- 50 mg/Nm<sup>3</sup> & NO<sub>x</sub> -300 mg/Nm<sup>3</sup>. The unit shall ensure compliance w.r.t. CPP standards as per CPCB's direction dt 16.04.2019.

WHEREAS, the inspecting team further made following suggestion/recommendations:

1. The unit needs to improve housekeeping to control fugitive emissions.
2. The unit needs to ensure continuous data transmission to CPCB server without any data gaps, smoothing effects, tweaking into settings to increase the response time, bracketing and setting excessive background correction.
3. Calibration of all online dust monitors should be performed as per CPCB OCEMS guidelines and online gas analyzers properly with zero and span gases without any variations to provide realistic results.
4. The unit should maintain the stacks with continuous temperature and pressure sensors and values generated shall be integrated in calculation for normalization of the measured emission values by various online analyzers.
5. The unit should ensure the distance of signals transferred from the instruments to the data receiver as per instrument manual in order to prevent attenuation

WHEREAS, in view of the above Show Cause Notice (SCN) u/s 5 was issued to the unit as to why the unit should not be directed to stop operation of the plant and why environmental compensation of Rs 30,000/- per day be not imposed for violations of emission norms as per Environmental Compensation policy framed in compliance of NGT order dt. 31.08.2018 in OA no. 593/2017.

WHEREAS, reply to SCN has been received from the unit vide letter/email dated 26.04.2019 and 08.05.2019 and informing that exceedance in monitored values for 1-2 hrs during monitoring was due to process disturbances and also informing about corrective measures taken by the unit w.r.t. the shortcomings mentioned in the SCN; and



WHEREAS the Ministry of Environment, Forest and climate change, 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; and

Now, THEREFORE, in view of above and exercising the powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, M/s Ramco Cement Ltd, Govindpuram works, Ariyalur Tamilnadu is hereby directed to submit performance assessment of the emission control system alongwith analysis of emission by reputed government institute within 60 days and shall further maintain complying status and if found non-complying, action as deemed necessary and appropriate under the Environment (Protection) Act, 1986 will be initiated including closure of the unit without further Notice.

*16/05/24*  
 (S.P. Singh Parihar)  
 Chairman

Copy to:

1	The Chairman Tamil Nadu Pollution Control Board No. 76, Mount Salai, Guindy Chennai - 600 032 Tamil Nadu	For information & ensuring compliance please.
2	The Regional Director Central Pollution Control Board 1st & 2nd Floors, Nisarga Bhawan A- Block, Thimmaiah Main Road 7th D Cross, Shivanagar Opposite Pushpanjali Theatre Bengaluru 560 010	For information please.
3	The Additional Secretary (CP Division) Ministry of Environment, Forests and Climate Change Prithvi Wing, 2nd Floor, Room No. 216 Indira Paryavaran Bhawan Aliganj, JorBagh Road, New Delhi - 110003	
4	The Divisional Head, IT, CPCB, Delhi	
5	The Divisional Head, IPC-VI, CPCB, Delhi	

*Prashant Gargava*  
 (Prashant Gargava)  
 Member Secretary

M/s Ramco Cement Ltd, Govindpuram works, Ariyalur Tamilnadu