



Central Pollution Control Board

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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First Amendment of 1st Revised Guidelines for Continuous Emission Monitoring Systems August 2018

In addition to the technologies prescribed for various parameters in respective industrial sectors in CPCB's 1st Revised Guidelines for Continuous Emission Monitoring Systems August 2018 available at CPCB website at <https://www.cpcb.nic.in/upload/thrust-area/revised-ocems-guidelines-29.08.2018.pdf> at serial no. 4, 12&13 of table no.7, at page nos. 62 & 71, Extractive IR – GFC technology is also added for continuous emission monitoring of HCl (0-100mg/Nm³), CO (0-500 mg/Nm³), SO₂ (0-200 mg/Nm³) & NO (0-500 mg/Nm³), for Chlor alkali industries, Incinerators and Others, where the maximum moisture content of flue gas is not exceeding 30%. The technology stands appended to said guidelines at serial no. 4, 12 & 13 of table 7 at page nos. 62 & 71.

The industries selecting this technology shall ensure the system meets the following requirements:

- i) The systems should have dry extractive probe with proper gas inlet and heated transfer line.
- ii) Sample preparation system capable to condition gas and eliminate the possibility of loss of condensable gases like HCl by selective permeation.
- iii) Unheated transfer line from conditioning system to the analyser shall not exceed 50 meters.
- iv) Measurement system should be housed in air conditioned shelter.
- v) Gas injection control system for remote calibration purpose with ports.
- vi) Data of heater temperature, flow rate and pressure transferred on real time basis to central servers of CPCB/SPCB.

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