



# Stakeholders Meet on

## Roadmap for Testing and Certification of 'Continuous Emission Monitoring System' (CEMS) & 'Continuous Ambient Monitoring System' (CAMS): A step towards the Green and Clean India

Organized by

### CSIR-National Physical Laboratory

(National Measurement Institute of India by the act of the Parliament)

Date: April 23, 2018

Venue: 2nd Floor Apex Metrology Building, CSIR-NPL

The air quality has become a great concern in India due to its adverse effects on human health, which has catalyzed in establishing increasing number of CAMS and CEMS to monitor ambient air and stack emissions in India. However due to non-availability of proper facility for test, calibration and certification of CAMS & CEMS in India, the quality of data being generated by these facilities are not only questionable but also do not contribute in the policy decision formulation. In view of this CSIR-NPL is planning to setup National Apex Level Testing, Calibration and Certifications Systems for CEMS and CAMS leading to development of national certification system.

#### Strength of CSIR-NPL (Relevant to CEMS and CAMS):

- India's National Measurement Institute (NMI) by the act of the Parliament.
- Being a signatory of "International Committee for Weights and Measures-Mutual Recognition Arrangement" (CIPM-MRA), CSIR-NPL is authorized to issue certificate accepted worldwide (specially for International trade)
- Permanent member of International Bureau of Weights and Measures (BIPM).
- National custodian of Primary Standards/ National Standards of physical and chemical parameters required for calibration, testing and traceability.
- Gas and other fluid flow calibration System
- Indian Reference Materials i.e. "Bharatiya Nirdeshak Dravya" (BND™).
- Wind tunnel for cutoff size calibration.

#### Agenda of the meeting:

- Roadmap for developing national testing, calibration and certification facilities of CEMS and CAMS in the country.
- Current Issues and challenges faced by the stakeholders.
- Implementation of Quality Assurance System suitable for Indian environmental conditions.
- Promotion of "Make in India" programme through Quality Assurance Level-1 (QAL-1) certification system.

#### Traceability Pyramid



#### Registration:

Registration fee: Rs. 500/- (Per Person)

Last Date of Registration: ~~April 16, 2018~~ April 19, 2018

Beneficiary Name: Director, NPL A/C No. : 91002010030018 IFSC code: SYNB0009100

Kindly confirm the NEFT details through email to contact persons.

#### Contact Details:

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