



CSIR-National Physical Laboratory

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Recently, the Union Environment Ministry has designated the **Council of Scientific and Industrial Research**-National Physical Laboratory (CSIR-NPL) **as national verification agency** for certifying instruments and equipment for monitoring emissions and ambient air.

- CSIR-NPL shall develop the necessary infrastructure, management system, testing and certification facilities conforming to international standards.
- After launching of **National Clean Air Programme (NCAP)**, there has been a boom in equipment for real-time monitoring of air quality.
- **NCAP envisages 20-30% reduction in PM 2.5 (fine, respirable pollution particles) by 2024 and PM 10 (coarse pollution particles) concentration in 102 non-attainment cities over 2017 levels.**
- Currently, **New Delhi** leads the numbers of cities in **air quality** sensors, with around 35 of them.

CSIR- National Physical Laboratory of India

- The CSIR- National Physical Laboratory of India, situated in New Delhi, is the **measurement standards laboratory of India.**
- **It maintains standards of SI units in India and calibrates the national standards of weights and measures.**
- The National Physical Laboratory was conceptualized in 1943 by the Governing Body of CSIR, with a view to make science and technology as a means for industrial growth and development.
- Pandit Jawaharlal Nehru, the then Prime Minister of India, laid the foundation stone for the laboratory on January 4, 1947.

Source: TH