

Central Pollution Control Board
Trace Organics Laboratory

File No. C-11012/38/2006-NRTOL²²⁵⁵

04-11-2020

Invitation for listing
to Laboratories having facilities for
sampling of Stationary Source Emission and
subsequent analysis for PCDDs & PCDFs

Central Pollution Control Board (CPCB) invites Information from Laboratories having facilities for conducting sampling of Stationary Source Emission and subsequent analysis of such samples for 7 congeners of polychlorinated dibenzo-p-dioxins (PCDDs) and 10 congeners of polychlorinated dibenzofurans (PCDFs) for listing of their Laboratory with CPCB. Information may be sent to email ID skumar.cpcb@nic.in latest by 13-11-2020.

Laboratory shall also provide details of valid accreditation from NABL.

Laboratory shall specify, if it can undertake sampling of stationary emission sources located in any geographical part of the country or in some particular region(s).

Technical Information

S. No.	Requirement	Compliance	Remark
1	IS 17025 Accreditation	NABL	Mention Validity
2	EP Act 1986 Recognition	MoEFCC	Optional (Mention Validity)
3	Stationary Source Emission Sampling	Iso-Kinetic Sampling by USEPA Method 23	
4	Isotope Labeled Spiking Standards	Prior to Sampling, Extraction / Cleanup, Recovery / Syringe	Mention the procedure, if different
5	Analytical Method	USEPA Method 23 / USEPA Method 8290 / EN 1948	If following any other method, mention the Method
6	Sample Extraction	Soxhlet Extraction using Toluene	Mention the procedure, if different
7	Extract Concentration	Rotary Vacuum Evaporator + Nitrogen Blowing	Mention the procedure, if different
8	Extract Cleanup	Column Chromatography / SPE	Mention the procedure, if different
9	Extract Analysis	GC-HRMS (Resolution > 10000)	Mention the procedure, if different
10	Quality Assurance / Quality Control	Field Blank / Method Blank / LoD (DL) / LoQ / Recovery Rates / Measurement Uncertainty (MU)	If provided in Analysis Reports
11	ILC / PT Participation	From Accredited PT Provider	Mention the details of PT Provider
12	Operational Area	Pan India or Regional	Mention regions where contract can be executed