

**Recognition of Environmental Laboratories under The Environment  
(Protection) Act, 1986**

**SELF ASSESSMENT CHECK-LIST BY THE LABORATORY**

The laboratory should ensure that it fulfills the essential requirement and submit duly signed checklist alongwith the application for recognition under the E(P)A-1986.

{ Please Mark Yes (√) or No (X) }

- (i) Laboratory (Private / NGO) is registered by the local govt./State Govt./ Central Govt.  **Yes/No**
- (ii) Laboratory has minimum 9 nos. of full time working skilled manpower with following qualifications:

S. No.	Qualification	Nature of Job	Nos. of Manpower	
1.	High School/Intermediate with Science	Assistance in sampling & analysis	2	<input type="checkbox"/>
2.	Bachelor's Degree in Basic Science or equivalent.	Sampling and analysis	4	<input type="checkbox"/>
3.	Master's Degree in Science or equivalent or Bachelors Degree in Engineering / Technology or equivalent or Ph.D.	Sampling & Analysis. Supervision of Analysis	3	<input type="checkbox"/>
<b>Total Manpower (Minimum)</b>			<b>9</b>	<input type="checkbox"/>

- (iii) Environmental laboratory should have minimum 150 Sq. mtr Work Area
- (iv) Essential Parameters Requirement at Appendix 'A'.

**(A) Physical Tests**

- (a) Laboratory has facilities and expertise for 10 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 3 no's of Secondary parameters.

**(B) (i) Inorganic (General and non metallic)**

- (a) Laboratory has facilities and expertise for 13 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 3 no's of Secondary parameters.

**(ii) Trace Metals**

- (a) Laboratory has facilities and expertise for 15 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 4 no's of Secondary parameters.

**(C) Organics**

- (a) Laboratory has facilities and expertise for 5 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 3 no's of Secondary parameters.

**(D) Microbiological Test**

- (a) Laboratory has facilities and expertise for 4 no's of Mandatory parameters.
- (b) Laboratory has facilities and expertise for 1 no of Secondary parameters.

**(E) Toxicological Test**

- (a) Laboratory has facilities and expertise for 1 no of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 1 no of Secondary parameters.

**AIR PARAMETERS (Appendix F)**

**(A) Ambient Air/ Fugitive Emission**

- (a) Laboratory has facilities and expertise for minimum 4 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 4 no's of Secondary parameters.

**(B) Stack Gases / Source Emission**

- (a) Laboratory has facilities and expertise for 8 no's of Mandatory parameters
- (b) Laboratory has facilities and expertise for minimum 5 no's of Secondary parameters.

**(C) Noise Level**

- (a) Laboratory has facilities and expertise for 2 no's of Mandatory parameters.

**(D) Meteorological Monitoring**

- (a) Laboratory has facilities and expertise for 4 no's of Mandatory parameters.
- (b) Laboratory has facilities and expertise for minimum 1 no of Secondary parameters.

- (v) (a) Laboratory has minimum no's of equipment as mentioned in brackets ( ) of Appendix-B.

- (b) Laboratory has minimum no's of instruments as mentioned in brackets ( ) of Appendix-D

- (c) Laboratory has minimum no's of equipment/ Instrument as mentioned in brackets ( ) of Appendix-G.

- (vi) Laboratory analyzes samples adopting validated methods i.e. USEPA, APHA, BIS, ASTM, ISO, EU, DIN or CPCB.

- (vii) Laboratory has adequate environmental journals/books/analytical methods for sample analysis.
- (viii) Laboratory has applied strictly as per the format with desired enclosures and nothing has been changed / alter in the contents of application format.
- (ix) Details of Equipments / Instruments available at the laboratory have been provided at Appendix–H.
- (x) Methods details of test parameters marked as (√) at Appendix-A & F have been provided in appendix-I and no column has been left blank.
- (xi) Name of Compounds being analyzed have been provided at Appendix–J.
- (xii) List of Reference Standards (Please refer appendix D(d) of application ) with their names, makes and expiry date have been provided.
- (xiii) Proposed Govt. analysts (Please refer 2(xi) of application) fulfills the required qualification and experience and their bio-data have been submitted exactly as per Annexure-V of Guidelines.
- (xiv) Bio-data of remaining officials (please refer 2 ix) being provided as per Annexure-V of Guidelines.
- (xv) Scanned photographs of various Sections of the laboratory have been provided with the application.
- (xvi) Laboratory has provided details of participation in Inter-laboratory AQC programme conducted by CPCB as per Clause 2 (viii).
- (xvii) Duly filled application in all respect along with all enclosures with binded form in triplicate has been submitted (Private / NGOs to MoEF and others to CPCB).

**Declaration:**

I declare that the foregoing information is correct and complete to the best of my knowledge and belief and nothing has been concealed / distorted.

(Signature of the Head of the Laboratory)

Full Name:

SEAL OF THE LABORATORY