



FDAS SUPPLEMENTARY CRITERIA FOR TESTING LABORATORIES

1.0 Introduction: Applicant laboratories are required to demonstrate their compliance to the following Supplementary criterion and FDAS norms.

2.0 Participation on PT/ILC:

2.1 Prior to grant of accreditation:

Prior to getting the accreditation applicant laboratory is required to have successfully participated in PT/ILC at least one parameter for each applied field.

2.2 After the grant of accreditation:

Accredited laboratory is required to have participated in at least one round of PT/ILC for each accredited parameter in a cycle of four years.

2.3 When desired PT scheme is not available:

FDAS accepts Inter Laboratory Comparisons (ILC) subject to prior approval of FDAS.

2.4 In addition to above requirement:

FDAS may ask applicant laboratory/accredited laboratory, to test an item to be provided by FDAS.

3.0 Requirements for Metrological Traceability:

3.1 FDAS accepts the traceability to measurements of the measuring devices that have been calibrated by NPL- New Delhi, India's National Metrology Institute (NMI) or equivalent (NMIs).

3.2 FDAS accepts calibrations of the Measuring devices from accredited calibration laboratories.

3.3 For chemical traceability, labs are required to use CRMs/RMs from institutions like NIST, Laboratory of the Govt. Chemist (UK), BAM Germany, NPL -New-Delhi and from ISO/IEC 17043:2023 accredited producers CRM/RM.

4.0 Requirements for Measurement Uncertainty

4.1 Testing laboratories to report the measurement uncertainty where required & as per clause 7.8.3.1(c) of ISO/IEC 17025:2017.

4.2 Reference Document for calculation of M.U.

- i) "ILAC Guidelines for measurement uncertainty in testing ILAC G-17".
- ii) Guide to the expression of uncertainties in measurements (GUM).
- iii) EURACHEM/ CITAC Guide CG 4 (2012), "Quantifying Uncertainty in Analytical Measurement", (available from www.eurachem.org).

5.0 Shifting of Lab's Location:

5.1 Inform FDAS, before shifting.

- Date(s) of shifting
- new location's address with documentary evidence of possession.
- Floor plan for the new location, indicating the laboratory activities.
- Expected duration for shifting with dates of stopping laboratory activities.
- Expected date by which laboratory would be ready to resume its activities.
- Documentary evidence about the ownership the new accommodation or lease/rent agreement for the right to use the accommodation for laboratory purpose



FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

5.2 Inform FDAS, after shifting.

- About re-calibration of measuring devices where required.
- About environmental conditions are met as per requirement.
- About the date from which it intends to resume lab activities for FDAS approval.

Note: If required FDAS may organize lab visits to give its clearance.

5.3 The laboratory must not undertake testing activities unless it gets the following:

- i. Approval letter for shifting the location.
- ii. Accreditation certificate for new location for the remaining period of accreditation, with scope.

6.0 Accredited laboratory is to abide by with the following:

- i. “FDAS Terms and Conditions to maintain accreditation”.
- ii. “Terms and Conditions for use of FDAS Symbol & combined ILAC MRA mark”.

7.0 References

- 7.1 Asia Pacific Accreditation Cooperation-www.apac-accreditation.org
- 7.2 International Laboratory Accreditation Cooperation –www.ilac.org
- 7.3 International Organization for Standardization – www.iso.org
- 7.4 International Electro technical Commission – www.iec.ch
- 7.5 EURACHEM/ CITAC Guide CG 4 (2012)-www.eurachem.org

8.0 Normative and Other Reference

- 8.1 ISO/IEC 17025:2017, General Requirements for the Competence of Testing and Calibration Laboratories.
- 8.2 ISO/IEC 17000:2020 Conformity Assessment – Vocabulary and General Principles
- 8.3 ILAC P9:01/2024 ILAC Policy for Proficiency Testing and/or Interlaboratory comparisons other than Proficiency Testing
- 8.4 ILAC P10:07/2020 ILAC Policy on the Traceability of Measurement Results
- 8.5 ILAC-G17:01/2021 ILAC Guidelines for Measurement Uncertainty in Testing
- 8.6 EURACHEM/ CITAC Guide CG 4 (2012), “Quantifying Uncertainty in Analytical Measurement”, Third edition