



FDAS SUPPLEMENTARY CRITERIA FOR CALIBRATION LABORATORIES

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

2.0 Requirements for PT/ILC:

2.1 Prior to grant of accreditation:

Applicant laboratory is required to have successfully participated in PT/ILC at least in one parameter per applied field, prior to getting the accreditation.

2.2 After the grant of accreditation:

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

2.3 When the desired PT scheme is not available:

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

2.4 In addition to the above requirement:

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

3.0 Requirements for Metrological Traceability:

3.1 FDAS accepts the traceability to the measurements of the Measuring devices calibrated by NPL- New Delhi, India's National Metrology Institute (NMI)/and equivalent.

3.2 FDAS accepts the traceability of measurements of the Measuring devices, calibrated by an accredited laboratory.

3.3 When master equipment is used to measure chemical parameters, the FDAS accepts the calibration of such master equipment, calibrated through applicable CRM or RMs.

4.0 Requirements for Measurement Uncertainty

4.1 Calibration laboratories are required to state the value of CMCs/BMCs they can achieve in their application for accreditation.

4.2 Applicant calibration laboratories evaluate measurement uncertainty in compliance with “Principles of the Guide to the expression of uncertainties in measurements (GUM).”

5.0 Shifting of Lab’s Location:

5.1 Inform before shifting the location with the following information.

- 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 with dates of stopping laboratory activities.
- Expected date by which laboratory would be ready to resume its activities.
- Documentary evidence about ownership of 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 After shifting to new location, Laboratory to inform:

- About the re-calibrations completed where it is likely to be disturbed.
- About the compliance to the environmental conditions.
- About the date from which it intends to resume lab activities for FDAS approval.

Note: Where it requires visiting the new location, FDAS will organize the visits.

5.3 The laboratory must not undertake calibration 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 Each accredited laboratory is required to abide by with the following.

- i. “Terms and Conditions for use of FDAS to maintain accreditation.”
- ii. “Terms and Conditions for use of FDAS Symbol by Laboratories”

7.0 Links to Normative References

- i. Asia Pacific Accreditation Cooperation-www.apac-accreditation.org
- ii. International Laboratory Accreditation Cooperation –www.ilac.org
- iii. International Organization for Standardization – www.iso.org
- iv. International Electro technical Commission – www.iec.ch

8.0 Normative and Other Reference

- i. ISO/IEC 17025:2017, General Requirements for the Competence of Testing and Calibration Laboratories.
- ii. ISO/IEC 17000:2020 Conformity Assessment – Vocabulary and General Principles
- iii. ILAC P9:01/2024 ILAC Policy for Proficiency Testing and/or Interlaboratory comparisons other than Proficiency Testing
- iv. ILAC P10:07/2020 ILAC Policy on the Traceability of Measurement Results
- v. ILAC P14:09/2020 ILAC Policy for Uncertainty in Calibration