



Reporting of Uncertainties

Ref: A2LA Transition Memorandum, May 10, 2011
P110-A2LA Policy on Measurement Uncertainty in Calibration
ILAC-P14:11/2010 ILAC Policy for Uncertainty in Calibration

There are a number of significant changes to the A2LA Calibration Program that affects both testing and calibration organizations alike. These changes flow down from ILAC, *International Laboratory Accreditation Cooperation*. The following is the most significant change to the A2LA program and its associated documents stem primarily from the new publication, ILAC-P14:11/2010 *ILAC Policy for Uncertainty in Calibration* for which all Accreditation Bodies that are a signatory to the ILAC mutual recognition arrangement are required to implement.

“Accredited calibration laboratories shall report the uncertainty of measurement on the accredited calibration certificate.”

What does this mean for you?

If you are a calibration provider, per the guidance received from ILAC P14 and A2LA Executive Management:

- If the uncertainty of measurement is reported on the calibration certificate then an endorsed calibration certificate that includes the A2LA Accredited symbol can be issued.
- If **only** a statement of compliance, such as “pass/fail” or **only** an implicit uncertainty statement, such as a Test Uncertainty Ratio (TUR), is reported on the calibration certificate, then an endorsed, accredited calibration certificate **cannot** be issued.
- If a contract from a client requires that uncertainty be excluded from the calibration certificate, then an endorsed, accredited calibration certificate **cannot** be issued.

Additional new clauses also apply and we encourage all Conformity Assessment Bodies (CABs) to review R205 for more information.

If you are a calibration recipient, it is important that you:

- If you require accredited calibrations, request an accredited, endorsed calibration certificate when purchasing calibration service.
- Beginning December 1, 2011, during the inspection or verification of the calibration service received (per section 4.6.2 of ISO/IEC 17025), ensure that the accredited, endorsed calibration certificate received contains the measurement uncertainty result.