

NVLAP Assessor Training

Calibration Certificate Review Discussion

It's an accredited calibration so it must be correct, right?

“It is obvious we are not the right lab for you. We make too many human mistakes and I do not have the staff with the competency your account deserves.”

This is a quote from an accredited laboratory's quality manager as a response to a complaint regarding service provided.

Annex B's 5 Possibilities

- A National Metrology Institute
- Internal Calibration
- An Accredited Laboratory
- Non-Accredited Laboratory
- Consensus Standard
- A CIPM MRA Member
- Must follow HB 150
- An ILAC MRA Member
- Accredited lab not available
- All parties agree

ILAC U.S. Calibration ABs

- NVLAP – Symbol not required
- A2LA – Symbol is required
- L-A-B – Symbol is required
- ACLASS – Symbol not required
- IAS – Symbol is required
- PJLA – Symbol not required

Does an accredited calibration require an uncertainty and/or data be provided?

NO

A compliance statement to a specification may be made in lieu of this information

As long as the device is not being used to further metrological traceability. In other words, not to calibrate another device. (ILAC P14)

Is the calibration fit for purpose?

- Does the lab have the information they need to use the device?
- Was the unit in tolerance?
 - What did the lab do if it was not?
- Does the lab know the suppliers acceptance criteria?
 - Was the criteria followed?

Certificate Review Exercise

Disclaimer

The following material was extracted from the internet. The intended purpose is instructional aides to review of calibration certificates discussions. In many cases, the laboratories and/or customers involved have been redacted. Whereas the laboratory is known, NVLAP is not endorsing the laboratory.

This material is intended to be discussed only at this session and not be taken with you.