



BELAC Accreditation

Assist Testo Belgium with the preparation for humidity and temperature accreditation

Testo Belgium is preparing for BELAC accreditation in humidity and temperature in 2025. This important step will enable accredited calibrations for humidity and temperature devices from immersion probes to data loggers.

For their customers, this means a significantly broader range of accredited calibration services directly in Belgium.

As part of the accreditation process, extensive measures were taken to qualify the reference systems and ensure their reliability. Key preparation steps performed by Testo Industrial Services included:

- ▶ Characterization of the reference systems across the full accreditation range
- ▶ Verification of long-term stability of the systems and homogeneity at different measurement points
- ▶ Issuance of certificates
- ▶ Preparation of measurement uncertainty budgets for each reference

Within 4 weeks, we calibrated all devices and carried out the characterization of the devices in our humidity and temperature laboratory. After finishing the certificates and preparing the measurement uncertainty budgets, two technicians from Belgium received a training in Kirchzarten.

During the Training, the characterizations and the individual measurement uncertainty budgets of the references were discussed.

Furthermore, the requirements for accreditation were reviewed and the next necessary steps for Testo Belgium with regard to BELAC accreditation were defined. Also all open questions from the Belgian colleagues were answered. After the 1.5-day training session, the Belgians received a certificate of attendance for completing the training and were able to return to Testo Belgium with the newly characterized references.

To conclude the training, the participants came together for a dinner, offering a pleasant setting for further exchange and informal conversations.



With these preparations completed, the path is set for BELAC accreditation in 2025. Customers of Testo Belgium will then benefit from accredited calibrations for humidity and temperature instruments.