

Our expertise at your service

The accuracy of equipment determines the quality of measurement results. In order to prove this accuracy and to guarantee the reliability of measurements, a regular calibration is recommended.

The SCK•CEN laboratory for Non-nuclear Calibrations can carry out these calibrations for you. The calibration laboratory is accredited in accordance with ISO 17025 and has an extensive scope.

More information can be found on the reverse...



SCK•CEN calibration laboratory

Non-nuclear calibrations - RDC expert group

Temperature

The laboratory has years of expertise in temperature calibrations carried out in thermostat baths or in vertical ovens and for the following equipment:

- Resistance thermometers (Pt100) and thermocouples: -196 °C; -80 °C up to 650 °C
- Liquid-in-glass thermometers: -20 °C up to 200 °C
- Portable ovens: -45 °C up to 650 °C
- Temperature indicators and simulators (electronic): -200 °C up to 2316 °C.

Balances

It is highly recommended to carry out the calibrations of balances on-site. The calibration laboratory is accredited for this for balances from 1 mg up to 50 kg. The calibration method is based on international guideline Euramet/cg-18/v.01.

Mass

Mass items from 1 mg up to 1 kg can be calibrated in classes: F1, F2, M1 and M2 as specified in OIML R111.

Electrical variables

Your electrical equipment can be calibrated for variables ACV/DCV, ACI/DCI and OHM; and both for measuring equipment and for simulators.

Relative humidity

Humidity meters with an external probe are calibrated by a comparison at the following points: 11, 22, 33, 53, 75 and 85%RH.

Service

It is possible to carry out pressure calibrations, however not under accreditation.

The calibration laboratory is also able to provide you with advice concerning calibrations and to assist you with the outsourcing of calibrations outside our own expertise.

More information

Our extensive scope including the feasible measurement uncertainties can be found on the website of SCK•CEN www.sckcen.be and/or on the website of Belac (the Belgian Accreditation Authority) www.belac.fgov.be.

You may request a quotation without obligation from our secretariat.

Contact

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