

# **Calibration Laboratory Service at EARS**

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Calibration Laboratory (CL) is an important subject in an integral QA system in terms of periodical calibrations of field measuring instruments. CL perform accredited calibrations of measuring instruments in the field of temperature and air pressure. Accreditation, based on ISO/IEC 17025 standard, was achieved in 1999 in the field of temperature calibrations by joined assessment of French accreditation service - COFRAC (Comitee Francais d'Accreditation) and Slovenian Accreditation SA. Scope of accreditation was extended in the field of air pressure in 2002. In 2005 Calibration Laboratory concluded accreditation process in the field of relative humidity and air quality quantities: carbon monoxide, sulphur dioxide, ozone, nitrogen monoxide and nitrogen dioxide.

Each accredited laboratory establishes and maintains its traceability to the national or international level. Recognition and analysis of uncertainty sources is most important subject in calibration procedure development and uncertainty evaluation. Traceability schemes and calibration procedures are further presented in the area of calibration in Calibration Laboratory.