



## Quality Management System of VTT MIKES

VTT Technical Research Centre of Finland Ltd, Centre for Metrology MIKES (MIKES) is the National Metrology Institute of Finland. The activities and tasks of MIKES arise from Finland's legislation. MIKES has offices in Espoo and in Kajaani. MIKES is a signatory of the CIPM MRA (International Committee for Weights and Measures, Mutual Recognition Arrangement, <https://www.bipm.org/en/cipm-mra>), which is an international agreement between National Metrology Institutes. Under the CIPM MRA, all participating institutes recognise the validity of each other's national measurement standards, and calibration and measurement certificates for quantities, ranges and measurement uncertainties specified in the CIPM MRA database (KCDB). The KCDB includes the calibration and measurement capabilities (CMCs) of the participating institutes. According to the CIPM MRA, CMCs will be published only if the institute's operation and service complies with the standard ISO/IEC 17025 (General requirements for the competence of testing and calibration laboratories). In Europe, EURAMET's (European Association of National Metrology Institutes) Technical Committee for Quality (TC-Q) follows up that the European institutes are operating according to this standard. MIKES has successfully passed all the assessments made by TC-Q. There is no certificate given for the acceptance because all relevant information can be found on the Internet:

Institutes participating in the CIPM MRA are listed on the website:

<https://www.bipm.org/en/cipm-mra/participation>.

Measurements and calibrations made by MIKES are accepted in all countries that are on the list. The principle of CIPM MRA is "Measured once – accepted everywhere".

Measurement and calibration capabilities (CMCs) of MIKES can be found on:

<https://www.bipm.org/kcdb/>, or <https://www.bipm.org/kcdb/cmc/quick-search?keywords=MIKES>.

The quality management system in accordance with ISO/IEC 17025 of MIKES is approved by EURAMET TC-Q, and documented information of that can be found on:

<https://www.euramet.org/technical-committees/tc-q/qms-review-process/>.

MIKES also uses a logo of the CIPM MRA in its calibration certificates given according to its scope:

<https://www.bipm.org/en/cipm-mra/logo>.

As MIKES is the National Metrology Institute, the assessment of its activities is international and made according to international procedures, and not made by a single accreditation body. For that reason MIKES has no accreditation certificate. MIKES follows review procedures given by CIPM MRA and EURAMET.

In addition, MIKES's management system is certified according to standards ISO 9001 and ISO 14001.

For more information about the management system of MIKES, please contact the undersigned.

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