

FLOWMEASUREMENT STANDARDS AND TRACEABILITY IN JAPAN

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ABSTRACT

The first topic will be the flow calibration facilities established and maintained at National Metrology Institute of Japan (NMIJ). Those facilities are national measurement standards for water flow, hydrocarbon flow, gas flow and air speed. The principle, specifications and calibration uncertainties of the facilities will be presented.

The second half of the talk will be focused on Japan Calibration Service System (JCSS), which is the calibration laboratory accreditation system based on ISO/IEC 17025. The basic accreditation process, a list of currently accredited laboratories in the field of flow and mutual recognition of JCSS calibration certificates will be given.

This presentation will be given in Japanese.