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Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a calibration laboratory of ASNITE accreditation program.

Accreditation Identification: ASNITE 0016 Calibration

Name of Conformity Assessment Body: Laboratory, Quality Assurance Dept.,
Yokogawa Electric China Co., Ltd.

Name of Legal Entity: Yokogawa Electric China Co., Ltd.

Location of Conformity Assessment Body: No365, Xinglong Street, Suzhou Industrial Park, Jiangsu,
China

Scope of Accreditation: Time & Frequency & Rotational speed, Fluid flow
(as the following pages)

Accreditation Requirement: ISO/IEC 17025:2017*

* The relevant accreditation requirements described in the ASNITE-C (General) Accreditation Scheme Document are also applied.

Effective Date of Accreditation: 2019-06-07

Expiry Date of Accreditation: 2023-06-06

Date of Initial Accreditation: 2006-03-01

KISHIMOTO Isao

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

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- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).
 - MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.
 - This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).
 - The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

General Field of Calibration: Time & Frequency & Rotational speed

Date of Initial Accreditation of the Field: 2006-03-01

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Time & Frequency Counter, etc.	GPS Disciplined Oscillator	10 MHz	For Remote Calibration 1×10^{-10}
	Frequency Standards, Standard Signal Input of Frequency Counter, Frequency Generator, etc.	10 MHz	For Normal Calibration 2×10^{-8}

#All Calibration Procedures are in-house procedures developed by this laboratory.

* Remote calibration service covers between YCS and YSH only.

General Field of Calibration: Fluid flow

Date of Initial Accreditation of the Field: 2015-02-05

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Liquid Flow meter	Water Flow meter	From 0.07 m ³ /h Less than 0.26 m ³ /h	0.08 % (DUT is not included) 0.08 % (DUT is included)
		From 0.26 m ³ /h Up to 1350 m ³ /h	0.04 % (DUT is not included) 0.06 % (DUT is included)

#All Calibration Procedures are in-house procedures developed by this laboratory.