



24-03-21- NITE-AC-001
2024-11-11

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 0143 Calibration

Name of Conformity Assessment Body: Measurement & Calibration Center,
Higashifuji Calibration & Measurement System Dept,
Toyota Technical Development Corporation

Name of Legal Entity: Toyota Technical Development Corporation

Location of Conformity Assessment Body: 1200 Mishuku, Susono-shi, Sizuoka 410-1193, JAPAN

Scope of Accreditation: Angular Velocity, Acceleration (as the following pages)

Accreditation Requirement: ISO/IEC 17025:2017*

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

Effective Date of Accreditation: 2024-11-11

Expiry Date of Accreditation: 2028-11-10

Date of Initial Accreditation: 2024-11-11

HORISAKA Kazuhide

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: Angular Velocity

Date of Initial Accreditation of the Field: 2024-11-11

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		Calibration Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Angular Velocity Measuring Equipment	Inertial Measurement Unit	More than 0 rad/s up to $\frac{25\pi}{180}$ rad/s (More than 0° /s up to 25° /s)	$\frac{0.010\pi}{180}$ rad/s (0.010° /s)

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

General Field of Calibration: Acceleration

Date of Initial Accreditation of the Field: 2024-11-11

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		Calibration Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Static Acceleration Measuring Equipment, etc.	Inertial Measurement Unit	From -9.797 m/s ² up to -0.100 m/s ² From 0.100 m/s ² up to 9.797 m/s ²	0.006 m/s ²

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