



19·12·10- NITE-AC-003
2020-12-02

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 0021 Calibration

Name of Conformity Assessment Body: Department of Energy and Environment Renewable Energy Research Center, National Institute of Advanced Industrial Science and Technology

Name of Legal Entity: National Institute of Advanced Industrial Science and Technology

Location of Conformity Assessment Body: AIST Tsukuba Central 2, 1-1-1, Umezono, Tsukuba, Ibaraki 305-8568, Japan

Scope of Accreditation: Photometry (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: 2020-12-02

Expiry Date of Accreditation: 2024-12-01

Date of Initial Accreditation: 2008-05-16

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: Photometry

Date of Initial Accreditation of the Field: 2008-05-16

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 %)
Standard Lamp for Luminous Intensity, etc.	Illuminance Measuring Device	Primary Reference Solar Cell	DC Current From 10 mA up to 200 mA 0.72 %
		Secondary Reference Solar Cell	DC Current From 10 mA up to 200 mA 0.90 %

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