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|------------------------------------|--|
| Name of Accreditation Program      | JCSS Accreditation Program   |
| Accreditation Identification       | JCSS 0295 Calibration  |
| Name of Conformity Assessment Body | Meteorological Instruments Center, Observation Division,<br>Atmosphere and Ocean Department, Japan Meteorological Agency |
| Name of Legal Entity               | Japan Meteorological Agency<br>JCN 8000012100004   |
| Inquiry Point                      | Meteorological Instrument Center<br>TEL: +81-29-851-4121      FAX: +81-29-851-1670                                       |

\*JCN: Japan Corporate Number



20·11·02-NITE-007  
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## Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a calibration laboratory of Japan Calibration Service System.

Accreditation Identification: JCSS 0295 Calibration

Name of Conformity Assessment Body: Meteorological Instruments Center, Observation Division,  
Atmosphere and Ocean Department,  
Japan Meteorological Agency

Name of Legal Entity: Japan Meteorological Agency

Location of Conformity Assessment Body: 1-2 Nagamine, Tsukuba-shi, Ibaraki 305-0052, Japan

Scope of Accreditation: Temperature, Pressure, Humidity  
(as the following pages)

Accreditation Requirement: ISO/IEC 17025:2017\*

\* The relevant accreditation requirements described in the JCSS Accreditation Scheme Document are also applied.

Effective Date of Accreditation: 2020-08-30

Expiry Date of Accreditation: 2024-08-29

Date of Initial Accreditation: (as attached)

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: TemperatureDate of Initial Accreditation of the Field: 2012-08-30Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facilityCalibration and Measurement Capabilities

| Calibration Procedures# and Type of Instruments/Materials to be calibrated |  | Range                         | Expanded Uncertainty (Level of Confidence Approximately 95 %) |
|--|--|-------------------------------|---|
| Contact Type Thermometer   | Temperature sensors with display unit (Comparison calibration) | From -40 °C to less than 0 °C | 45 mK   |
|  |  | 0 °C                          | 13 mK   |
|  |  | More than 0 °C up to 50 °C    | 36 mK   |

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

General Field of Calibration: PressureDate of Initial Accreditation of the Field: 2013-05-23Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facilityCalibration and Measurement Capabilities

| Calibration Procedures# and Type of Instruments/Materials to be calibrated |   | Range |                   | Expanded Uncertainty (Level of Confidence Approximately 95 %) |
|--|---|-------|-------------------|---|
| Pressure Gauge   | Pressure Gauges (Digital Pressure Gauges) | Gas   | Absolute Pressure | From 5 kPa up to 115 kPa                                      |
|  |   |       |                   | The larger one of the two 0.0085 % or 7.5 Pa                  |

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

General Field of Calibration: HumidityDate of Initial Accreditation of the Field: 2012-08-30Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facilityCalibration and Measurement Capabilities

| Calibration Procedures# and Type of Instruments/Materials to be calibrated |                        | Range  | Expanded Uncertainty (Level of Confidence Approximately 95 %) |
|--|------------------------|--|---|
| Humidity Measuring Instrument, etc.  | Dew point hygrometers  | Dew point from -5 °C to less than 0 °C   | Dew point 0.12 °C   |
|  |                        | Dew point from 0 °C up to 25 °C  | Dew point 0.09 °C   |
|  | Electronic hygrometers | Relative humidity from 20 % to less than 30 % at calibration temperatures from 20 °C up to 26 °C     | Relative humidity 0.8 %                                       |
|  |                        | Relative humidity from 30 % up to 95 % at calibration temperatures from 20 °C up to 26 °C            | Relative humidity 1.7 %                                       |
|  |                        | Relative humidity from 20 % to less than 30 % at calibration temperatures from 20 °C up to 26 °C (*) | Relative humidity 0.6 %                                       |
|  |                        | Relative humidity from 30 % up to 95 % at calibration temperatures from 20 °C up to 26 °C (*)        | Relative humidity 1.4 %                                       |

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

(\*) Calibration which regards a dew point hygrometer as the hygrometer of a relative humidity indication.