

MOCREO Temperature Calibration Statement

Corporate Declaration

MOCREO PTE.LTD. hereby issues this Temperature Calibration Statement as an official and professional declaration, aligning with North American legal requirements and internationally recognized standards for calibration and quality assurance.

Product Scope

This statement applies to the following MOCREO temperature sensor products:

- ST5 Temperature Sensor
- ST6 Temperature & Humidity Sensor
- ST8 Temperature Data Logger
- ST9 Temperature & Humidity Sensor
- ST10 Ultra Low Temperature Sensor
- LS1 LoRa Temperature Sensor
- LS2 LoRa Temperature Sensor
- LS3 LoRa Thermo-Hygrometer Sensor
- MS1 Temperature Sensor
- MS2 Temperature Sensor
- MS3 LCD Temperature Sensor
- NS1 WIFI Temperature Sensor
- NS2 WIFI Temperature & Humidity Sensor
- NS3 WIFI Temperature & Humidity Sensor(Dual-Probe)
- SD1 LCD Temperature & Humidity Sensor(Dual-Probe)

Each device listed above is individually inspected, tested, and calibrated according to MOCREO's technical specifications and quality control procedures prior to shipment.

Calibration Methods and International Standards

MOCREO conducts calibration using traceable and certified equipment, ensuring compliance with both North American regulations and global best practices:

Calibration Equipment:

- Certified thermostats and standard platinum resistance thermometers, traceable to internationally recognized standards.

Calibration Procedure

- Three-point calibration at -30°C, 5°C, and 70°C, covering a measurement range from -40°C to +150°C.
- Automatic data logging is implemented for repeatability and traceability of calibration results.

Quality and Accuracy:

- All sensors are factory-calibrated, with typical measurement error within $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- Calibration is designed to correct only minor deviations; significant discrepancies may indicate hardware issues and should be reported to MOCREO for further investigation.

Compliance and Professional Assurance

North American Legal Compliance:

MOCREO's calibration procedures and documentation are designed to comply with relevant North American laws and regulations, including but not limited to product safety and consumer protection standards.

International Recognition:

Calibration practices are aligned with internationally accepted standards (e.g., ISO/IEC 17025), ensuring global recognition and acceptance of this statement.

Documentation and Traceability:

Each sensor's calibration is documented and traceable, providing assurance of product quality and measurement integrity for regulatory, commercial, and quality audit purposes.

Validity and Warranty

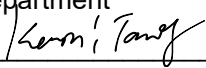
This calibration statement is valid for 12 months from the date of device shipment or signing, whichever is later.

This statement is issued by MOCREO PTE.LTD.. and is intended for use in regulatory submissions, quality audits, and customer assurance worldwide.

MOCREO PTE.LTD.. ensures that all temperature sensor products meet or exceed the requirements of North American and international calibration standards, providing reliable and accurate measurements for all users.

MOCREO PTE.LTD.

Quality Control Department

Signature: 

Name: Komi Tang

Title: Quality Control Supervisor

Date: February 02, 2026