



Banner Humidity Sensor Calibration Statement

Method of Calibration

This is to certify that Banner humidity sensors are carefully manufactured in accordance with a quality management system certified to ISO 9001:2015. Each sensor is individually calibrated and tested for accuracy using dedicated equipment.

Sensors are calibrated in a humidity and temperature-controlled chamber and verified at multiple humidity checkpoints against a Rotronic Hygroclip humidity sensor. Temperature is maintained at a constant 25° C for the duration of the test.

Statement of NIST Traceability

Calibration of Banner humidity sensors is traceable to NIST standards by the following chain. Banner sensors are calibrated in a chamber that receives annual calibration from Fox Valley Metrology. Fox Valley performs the calibration using laboratory standards directly traceable to NIST.

At regular intervals, the entire Banner humidity chamber, sensor, and control system is calibrated by Fox Valley using a Kaymont 2000 Humidity Generator, ID # 0718. The generator is calibrated in compliance with ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994; Part 1 using applicable Fox Valley procedures. The last calibration date was 4/12/2018 with a recalibration date of 10/12/2019.

Our chosen calibration provider, Fox Valley Metrology, is accredited thru the ANSI Accreditation National Board (ANAB).

Signed By: _____
Quality Assurance Manager

1 Oct 2019 - Rev. C