



Calibration Certificate



This calibration is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation AC-1222.

Certificate #: 142433

Calibration Performed By
PREMIER SCALES & SYSTEMS
4901 NORTH SAINT JOSEPH AVE.
EVANSVILLE, IN 47720

Customer
KOENIG SCALE
4779 EAST MARGARET DRIVE
TERRE HAUTE, IN 47803

Test Information

Equipment I.D.: **20180608959**
Description: TEMPERATURE AND HUMIDITY INSTRUMENT
Manufacturer: HTI
Range: (0 TO 100) %RH / AMBIENT TEMPERATURE
Model / Grade: HT-350
Condition of Item(s) as Received: IN TOLERANCE

Serial Number: 20180608959
Temperature / Humidity: 19.8 °C / 45.4 %
Performed By: *[Signature]* ADAMIN
Receive Date: 12-Jan-24
Calibration Date: 01-Feb-24
Calibration Due: **01-Feb-27**

Comments

Calibration Results

Test Point	Results	As Found	Lower Limit	Upper Limit	Results	As Left	Uncertainty ±
Temperature							
14 °F	P	31.1 °F	-6.0 °F	34.0 °F	P	31.1 °F	1.6 °F
50 °F	P	55.4 °F	40.0 °F	60.0 °F	P	55.4 °F	1.7 °F
104 °F	P	92.8 °F	84.0 °F	124.0 °F	P	92.8 °F	1.9 °F
Humidity							
20.0 %RH	P	23.2 %RH	10.0 %RH	30.0 %RH	P	23.2 %RH	2.4 %RH
50.0 %RH	P	52.2 %RH	40.0 %RH	60.0 %RH	P	52.2 %RH	2.4 %RH
85.0 %RH	P	86.1 %RH	75.0 %RH	95.0 %RH	P	86.1 %RH	2.4 %RH

Standard(s) Used

I.D. Number	Description	Traceability Number	Calibration Due
210552	HUMIDITY GENERATOR	022963	8/31/2024
C13542	DRYWELL	122624	5/31/2024

Procedure(s) Used

Procedure Number	Description	Revision Level	Revision Date
CUSTOMER SPECS	CUSTOMER SUPPLIED TEST POINTS, TOLERANCES	N/A	

The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs.

Test Point Descriptors:

- P = Pass :** Compliance - The measurement result is within the specification limit.
- *F = Fail :** Non-compliance - The measurement result is outside the specification limit.

* Test points marked with (*) are not covered under the laboratory's current scope of accreditation. All values listed were determined by comparing the artifacts to Premier Scales & Systems' reference standards which are traceable to the International System of Units (SI), by an accredited lab or a recognized National Institute of Standards and Technology (NIST) state laboratory, through the traceability number listed. Documented results contained within this calibration certificate relate only to the artifacts calibrated on the date listed. The uncertainty is obtained by taking the root sum of the squares of the Type A and Type B components and multiplying by a k factor of 2 to obtain a confidence level of approximately 95 %. The statement of compliance on this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. The uncertainty values do not include a component for magnetic properties or handling and use. Premier Scales & Systems shall not be held liable for any inaccuracies of the equipment after time of test. This document may not be reproduced, except in full, without the written approval of Premier Scales & Systems.

Chris D Bradford
2/21/2024