



Calibration Certificate



This laboratory is accredited by ACLASS Accreditation Services, an ANSI-ASQ National Accreditation Board Company through certificate number AC-1222 and the results shown in this calibration report have been determined in accordance with the laboratory's terms of accreditation unless stated otherwise in the report.

Certificate #: 55387

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.: | 8924208 | Serial Number: | 8924208 |
| Description: | PSYCHROMETER, DIGITAL | Temperature / Humidity : | 20.7 °C / 42.8 % |
| Manufacturer: | AMPROBE | Performed By: | <i>John Fustel</i> JFEISTEL |
| Range: | (0 TO 100) %RH / AMBIENT TEMPERATURE | Receive Date: | 19-Oct-16 |
| Model / Grade: | THWD-1 | Calibration Date: | 07-Nov-16 |
| Condition of Item(s) as Received: | FAIR | Calibration Due: | 07-Nov-19 |

Comments

Calibration Results

| Test Point | | As Found | Lower Limit | Upper Limit | | As Left | Uncertainty ± |
|------------|----|----------|-------------|-------------|----|----------|---------------|
| 20.7 °C | P | 20.60 °C | 19.70 °C | 21.70 °C | P | 20.60 °C | 0.69 °C |
| 42.8 %RH | NP | 34.2 %RH | 32.8 %RH | 52.8 %RH | NP | 34.2 %RH | 1.9 %RH |

Standard(s) Used

| I.D. Number | Description | Traceability Number | Calibration Due |
|-------------|---------------------------|---------------------|-----------------|
| 971 LV | THERMOHYGROMETER STANDARD | 860851 | 3/29/2017 |

Procedure(s) Used

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

Test Point Descriptors:

- P = Pass :** Compliance - The measurement result is within the specification limit when the measurement uncertainty is taken into account.
- *F = Fail :** Non-compliance - The measurement result is outside the specification limit when the measurement uncertainty is taken into account.
- NP = Not Possible :** It is not possible to state compliance even though the measurement result ± the uncertainty value overlaps 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 NIST recognized 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 uncertainty values and measurement results are included in the pass / fail condition of the unit under test. 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.