

Indiana Standards Laboratory

2919 SHELBY STREET
INDIANAPOLIS, INDIANA 46203-5236

REPORT of CALIBRATION

DATE : 02/22/10 TEST NUMBER : 87980
MANUFACTURER : Trend Instruments MODEL NUMBER : 0 to 140, °F
NOMENCLATURE : Thermometer, Dial SERIAL NUMBER : FP1-11
TOLERANCE : ± 1%
MACHINE NUMBER : FP1-11
SUBMITTED BY : Indiana Standards Laboratory P.O. NUMBER : 015349-00
2919 Shelby Street
Indianapolis, IN 46203
PROCEDURE : ISL-040-TMDIAL-02-0308 TEMPERATURE : 21 °C
CAL INTERVAL : 6 Months HUMIDITY : 30 %RH
PREVIOUS TEST NO. : 84005 NEXT CAL DUE : 08/22/10
RCV'D CONDITION : in-tolerance TECHNICIAN : SLS
COMMENTS :

CALIBRATION SOURCE(S) : 85623 83329

UNCERTAINTY: ± 0.14°C

The customer should consider the uncertainty of the measurement in determining compliance.

The reported uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

CERTIFICATION

After careful inspection of the above-described instrument, tests were performed in-laboratory to establish calibration accuracy. All equipment utilized in the testing is maintained by this laboratory and checked frequently against standards that have been certified traceable to the National Institute of Standards and Technology.

It is hereby certified that the test instrument meets all the original manufacturer's performance specifications unless otherwise noted above. Test documentation is on file and may be viewed in our office. Testing was completed per ISL Quality Manual: Doc-001-Rev12 dated 8-11-2009, and ISO/IEC 17025:2005, L-A-B Accredited Certificate Number L-2222.



Richard F. Chance



Chief, Metrology

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CALIBRATION SOURCES

Source	Manufacturer	Nomenclature	Model	Serial	Cal Due
83329	Rosemount, Inc.	Probe, Temperature, SPRT	162N100A	3934	07/31/10
85623	Azonix	Thermometer, RTD	A1012	A0182	10/31/10

CALIBRATION DATA

Measured (°F)	Indicated (°F)
10.19	10.0
40.30	40.0
70.28	70.0
100.36	100.0
130.27	130.0