



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Thermo Electric Company
1193 McDermott Drive
West Chester, PA 19380

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 14 September 2024
Certificate Number: AC-3130



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Thermo Electric Company

1193 McDermott Drive
West Chester, PA 19380
Michael Muscatiello
610-692-7990

CALIBRATION

Valid to: **September 14, 2024**

Certificate Number: **AC-3130**

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Temperature Source/Measure RTD Sensors	(-40 to 350) °C	0.05 °C	Monitored Temp Sources Fluke 5626 Secondary Standard PRT, 1586A DAQ
Temperature Source/Measure TC Sensors	(-40 to 350) °C	0.069 °C	Monitored Temp Sources Fluke 5626 Secondary Standard PRT, 1586A DAQ

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-3130.



R. Douglas Leonard Jr., VP, PILR SBU