



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Abbott Furnace Company
1068 Trout Run Road
St. Marys, PA 15857

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.

Jason Stine, Vice President

Expiry Date: 31 July 2027

Certificate Number: L1121-1



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

Abbott Furnace Company
1068 Trout Run Road
St. Marys, PA 15857
Mike Rupprecht 814-781-6355

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **31 July 2025**

Certificate Number: **L1121-1**

Certificate Expiry Date: **31 July 2027**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Electrical Simulation of Thermocouple Indicating Devices ^{1,2}	Type C (500 to 3 000) °F	6.8 °F	Source and Measure Comparisons with Precision Process Calibrator; Abbott WI 7.2.1
	Type J (32 to 1 600) °F	4.5 °F	
	Type K (32 to 2 400) °F	4.6 °F	
	Type N (32 to 2 300) °F	4.5 °F	
	Type R (500 to 3 000) °F	5.3 °F	
	Type S (500 to 3 000) °F	5.3 °F	

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Temperature – Measure ¹	(100 to 2 100) °F	4.6 °F	Type N Thermocouple Probe monitored by Precision Process Calibrator; Abbott WI 7.2.2.

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. Above parameters applied in conjunction with the calibration of the following types of equipment: temperature controllers; over-temp controllers; monitors; recorders; displays and data acquisition devices, both digital and analog.



Jason Stine, Vice President

