



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**AMETEK Land, Inc.**  
**150 Freeport Road**  
**Pittsburgh, PA 15238**

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](http://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: 24 May 2023  
Certificate Number: L1164-1



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

**AMETEK Land, Inc.**  
150 Freeport Road  
Pittsburgh, PA 15238  
Leighanna Miller 412-826-4466

### CALIBRATION

Valid to: **May 24, 2023**

Certificate Number: **L1164-1**

#### Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Non-Contact Infrared Temperature Measuring Equipment <sup>1</sup>	(0 to 99) °C (100 to 1 199) °C (1 200 to 1 499) °C	2.5 °C 3 °C 3.5 °C	Transportable Blackbody Sources $\lambda = (0.55 \text{ to } 3.9) \mu\text{m}$ $\lambda = (1 \text{ to } 5) \mu\text{m}$ $\lambda = (8 \text{ to } 14) \mu\text{m}$ $\epsilon = 1.0$
Non-Contact Infrared Temperature Measuring Equipment	(1 500 to 1 699) °C (1 700 to 1 899) °C (1 900 to 2 299) °C 2 300 °C	4 °C 7.5 °C 0.45 % of reading 0.5 % of reading	Blackbody Sources $\lambda = (0.55 \text{ to } 3.9) \mu\text{m}$ $\lambda = (1 \text{ to } 5) \mu\text{m}$ $\lambda = (8 \text{ to } 14) \mu\text{m}$ $\epsilon = 1.0$

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. L1164-1.



R. Douglas Leonard Jr., VP, PILR SBU