



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Certified Calibration Service
917 Industry Drive, Tukwila WA 98188

(Hereinafter called the Organization) and hereby declares that Organization 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 (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Thermodynamic Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

July 31, 2012

Issue Date:

August 11, 2020

Expiration Date:

September 30, 2022

Accreditation No.:

71484

Certificate No.:

L20-458

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

Certified Calibration Service

917 Industry Drive, Tukwila, WA 98188
Contact Name: Ineke Wolff Phone: 425-255-1485

Accreditation is granted to the facility to perform the following testing:

| FIELD OF TEST | ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS OR PROPERTIES MEASURED | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED | RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT |
|-----------------------------|--|--|--|--|
| Thermodynamic ^{FO} | Temperature Uniformity Survey (TUS) | Autoclaves, Ovens, Furnaces, Freezers, Refrigerators, Environmental Chambers | AMS-2750-E AMS-2750-F Customer's Specifications | -200 °C to 1 400 °C (-328 °F to 2 552 °F) |
| | Aerospace-Composite, Metal Components, Commercial Industry | | | |
| | Performance Qualification (PQ) | Ovens, Autoclaves, Sterilizers, Freezers, Furnaces, Refrigerators, Incubators, Environmental | Customer Performance Qualification (PQ) Protocol Customer | -200 °C to 1 300 °C(-328 °F to 2 372 °F) 10 % RH to 100 % RH CO2: 5 % to 10 % CO2: 800 ppm to 2 000 |
| | Bio Technology, Pharmaceutical, | | | |

1. The presence of a superscript FO means that the laboratory performs calibration of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer^{FO} would mean that the laboratory performs this calibration at its fixed location and onsite at customer locations.