



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Taber Industries

455 Bryant Street, North Tonawanda, NY 14120

(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):

Mechanical and Mass Calibration *(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:

February 18, 2021

Revision Date:

February 14, 2022

Issue Date:

February 18, 2021

Accreditation No.:

102863

Expiration Date:

April 30, 2023

Certificate No.:

L21-137-R1

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

Taber Industries

455 Bryant Street, North Tonawanda, NY 14120
 Contact Name: Mary Grace Keenan Phone: 716-694-4000

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

Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	
Taber Rotary Abraser ^F	0.6 rpm to 200 rpm Up to 3.082 in	0.17 rpm 0.011 in	Tachometer & Alignment Fixture per Work Instruction WBC 7200-01 or WBC 7200-14 Calibration, Rotary Abraser	
Taber Reciprocating Abraser ^F			Tachometer & Alignment Gage per Work Instruction WBC 7200-06 Calibration, Reciprocating Abraser	
Taber Webbing Abrasion Tester ^F			Tachometer & Alignment Gage per Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	
Taber Heavy Duty Linear Abraser ^F			Tachometer & Alignment Gage per Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	
Taber Oscillating Abrasion Tester ^F			Tachometer & Alignment Gage per Work Instruction WBC 7200-12 Calibration, Oscillating Abrasion Tester	
Taber Shear/Scratch Tester ^F			0.17 rpm 0.06 in	Tachometer & Dial Indicator per Work Instruction WBC 7200- 07 Calibration, Shear/Scratch Tester
Taber Linear Abraser ^F			2 rpm to 75 rpm	0.17 rpm
Taber Crockmeter ^F	8.8 N to 9.2 N 15 mm to 107 mm	0.002 N 0.28 mm	Scale & Caliper per Work Instruction WBC 7200-09 Calibration, Manual Crockmeter	
Taber Multi-Finger Scratch/Mar Tester ^F	Up to 100 mm/s	0.07 sec	Bench Top Timer per Work Instruction WBC 7200-08 Calibration, Multi-Finger Scratch/Mar Tester	



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Taber V-5 Stiffness Tester ^F	Up to 150 gf	20.0 gf	Force Gauge per Work Instruction WBC 7200-02 Calibration, Stiffness Tester & Internal Drawing
Taber Cantilever Stiffness Tester ^F	Up to 45°	1.96°	Scale & Digital Angle Indicator per Work Instruction WBC 7200-05 Calibration, Fabric Stiffness Tester
Taber Calibration Specimen 62 ^F	10 TSU to 500 TS (Taber Stiffness Units) (One Taber Stiffness Unit = 1gram force centimeter = 0.098 066 millinewton meters)	0.83 TSU	Stiffness Tester per Work Instruction WBC 7200-13 Calibration, Specimens
Taber Calibration Specimen 225 ^F	50 TSU to 2 000 TSU (Taber Stiffness Units)	1.1 TSU	Stiffness Tester per Work Instruction WBC 7200-13 Calibration, Specimens
Taber Calibration Specimen 440 ^F	50 TSU to 3 000 TSU (Taber Stiffness Units)	2.3 TSU	Stiffness Tester per Work Instruction WBC 7200-13 Calibration, Specimens
Taber Calibration Specimen 565 ^F	100 TSU to 5 000 TSU (Taber Stiffness Units)	3.4 TSU	Stiffness Tester per Work Instruction WBC 7200-13 Calibration, Specimens
Taber Calibration Specimen 1060 ^F	200 TSU to 10 000 TSU (Taber Stiffness Units)	6.5 TSU	Stiffness Tester per Work Instruction WBC 7200-13 Calibration, Specimens
Taber Grit Feeder ^F	Up to 40 g	0.08 g	Scale per Work Instruction WBC 7200-03 or WBC 7200-15 Calibration, Grit Feeder

Mass

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Taber Weights ^F	11.63 g to 562 g	0.08 g	Scale per Calibration Work Instruction & Internal Drawing
	664 g to 4 060 g	0.21 g	Scale per Calibration Work Instruction & Internal Drawing



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

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this calibration at its fixed location.
4. N = Newton for force measurement
5. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.