PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Taber Industries

455 Bryant Street, North Tonawanda, NY 14120

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Mechanical and Mass, Force, and Weighing Devices Calibration

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
February 18, 2021	April 30, 2025	July 31, 2027

Accreditation No.:	*Certificate No.:*
102863	L25-325

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.pjlabs.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 conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Mechanical	Taber Rotary Abraser	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Alignment Fixture	Work Instruction WBC 7200-01 WBC 7200-14 Calibration, Rotary Abraser	F
Mechanical	Taber Rotary Abraser	Up to 3.082 in	0.011 in	Tachometer & Alignment Fixture	Work Instruction WBC 7200-01 WBC 7200-14 Calibration, Rotary Abraser	F
Mechanical	Taber Reciprocating Abraser	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Alignment Gage	Work Instruction WBC 7200-06 Calibration, Reciprocating Abraser	F
Mechanical	Taber Reciprocating Abraser	Up to 3.082 in	0.011 in	Tachometer & Alignment Gage	Work Instruction WBC 7200-06 Calibration, Reciprocating Abraser	F
Mechanical	Taber Webbing Abrasion Tester	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Alignment Gage	Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	F
Mechanical	Taber Webbing Abrasion Tester	Up to 3.082 in	0.011 in	Tachometer & Alignment Gage	Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	F
Mechanical	Taber Heavy Duty Linear Abraser	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Alignment Gage	Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	F
Mechanical	Taber Heavy Duty Linear Abraser	Up to 3.082 in	0.011 in	Tachometer & Alignment Gage	Work Instruction WBC 7200-11 Calibration, HD Linear & Webbing Abrasers	F
Mechanical	Taber Oscillating Abrasion Tester	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Alignment Gage	Work Instruction WBC 7200-12 Calibration, Oscillating Abrasion Tester	F

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Mechanical	Taber Oscillating Abrasion Tester	Up to 3.082 in	0.011 in	Tachometer & Alignment Gage	Work Instruction WBC 7200-12 Calibration, Oscillating Abrasion Tester	F
Mechanical	Taber Shear/Scratch Tester	0.6 rpm to 200 rpm	0.25 rpm	Tachometer & Dial Indicator	Work Instruction WBC 7200-07 Calibration, Shear/Scratch Tester	F
Mechanical	Taber Shear/Scratch Tester	Up to 3.082 in	0.011 in	Tachometer & Dial Indicator	Work Instruction WBC 7200-07 Calibration, Shear/Scratch Tester	F
Mechanical	Taber Linear Abraser	2 rpm to 75 rpm	0.25 rpm	Tachometer	Work Instruction WBC 7200-04 Calibration, Linear Abraser	F
Mechanical	Taber Crockmeter	8.8 N to 9.2 N	0.002 N	Scale & Caliper	Work Instruction WBC 7200-09 Calibration, Manual Crockmeter	F
Mechanical	Taber Crockmeter	15 mm to 107 mm	0.28 mm	Scale & Caliper	Work Instruction WBC 7200-09 Calibration, Manual Crockmeter	F
Mechanical	Taber Multi-Finger Scratch/Mar Tester	Up to 100 mm/s	0.07 sec	Bench Top Timer	Work Instruction WBC 7200-08 Calibration, Multi-Finger Scratch/Mar Tester	F
Mechanical	Taber V-5 Stiffness Tester	Up to 150 gf	15 gf	Force Gauge	Work Instruction WBC 7200-02 Calibration, Stiffness Tester & Internal Drawing	F
Mechanical	Taber Cantilever Stiffness Tester	Up to 45°	0.21°	Scale & Digital Angle Indicator	Work Instruction WBC 7200-05 Calibration, Fabric Stiffness Tester	F
Mechanical	Taber Calibration Specimen 62	10 TSU to 500 TSU (Taber Stiffness Units) (One Taber Stiffness Unit = 1 gram force centimeter = 0.098	1.1 TSU	Stiffness Tester	Work Instruction WBC 7200-13 Calibration, Specimens	F

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Mechanical	Taber Calibration Specimen 225	50 TSU to 2 000 TSU (Taber Stiffness Units)	2 TSU	Stiffness Tester	Work Instruction WBC 7200-13 Calibration, Specimens	F
Mechanical	Taber Calibration Specimen 440	50 TSU to 3 000 TSU (Taber Stiffness Units)	11 TSU	Stiffness Tester	Work Instruction WBC 7200-13 Calibration, Specimens	F
Mechanical	Taber Calibration Specimen 565	100 TSU to 5 000 TSU (Taber Stiffness Units)	5.1 TSU	Stiffness Tester	Work Instruction WBC 7200-13 Calibration, Specimens	F
Mechanical	Taber Calibration Specimen 1060	200 TSU to 10 000 TSU (Taber Stiffness Units)	25 TSU	Stiffness Tester	Work Instruction WBC 7200-13 Calibration, Specimens	F
Mechanical	Taber Grit Feeder	Up to 40 g	0.08 g	Scale	Work Instruction WBC 7200-03 WBC 7200-15 Calibration, Grit Feeder	F
Mass, Force, and Weighing Devices	Taber Weights	11.63 g to 620 g	0.08 g	Scale	Calibration Work Instructions WBC 7200-01, WBC 7200-02, WBC 7200-03, WBC 7200-04, WBC 7200-05, WBC 7200-06, WBC 7200-07, WBC 7200-08, WBC 7200-09, WBC 7200-11, WBC 7200-12, WBC 7200-14, WBC 7200-15 & Internal Drawings	F
Mass, Force, and Weighing Devices	Taber Weights	620 g to 1500 g	0.25 g	Scale	Calibration Work Instructions WBC 7200-01, WBC 7200-02, WBC 7200-03, WBC 7200-04, WBC 7200-05, WBC 7200-06, WBC 7200-07, WBC 7200-08, WBC 7200-09, WBC 7200-11, WBC 7200-12, WBC 7200-14, WBC 7200-15 & Internal Drawings	F

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Mass, Force, and Weighing Devices	Taber Weights	1500 g to 2200 g	0.26 g	Scale	Calibration Work Instructions WBC 7200-01, WBC 7200-02, WBC 7200-03, WBC 7200-04, WBC 7200-05, WBC 7200-06, WBC 7200-07, WBC 7200-08, WBC 7200-09, WBC 7200-11, WBC 7200-12, WBC 7200-14, WBC 7200-15 & Internal Drawings	F
Mass, Force, and Weighing Devices	Taber Weights	2 200 g to 3 000 g	1.6 g	Scale	Calibration Work Instructions WBC 7200-01, WBC 7200-02, WBC 7200-03, WBC 7200-04, WBC 7200-05, WBC 7200-06, WBC 7200-07, WBC 7200-08, WBC 7200-09, WBC 7200-11, WBC 7200-12, WBC 7200-14, WBC 7200-15 & Internal Drawings	F
Mass, Force, and Weighing Devices	Taber Weights	3 000 g to 4 060 g	3.3 g	Scale	Calibration Work Instructions WBC 7200-01, WBC 7200-02, WBC 7200-03, WBC 7200-04, WBC 7200-05, WBC 7200-06, WBC 7200-07, WBC 7200-08, WBC 7200-09, WBC 7200-11, WBC 7200-12, WBC 7200-14, WBC 7200-15 & Internal Drawings	F

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Accreditation is granted to the facility to perform the following conformity assessment activities:

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. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CABs fixed facility

4. 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.