



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

FIT Pacific, Inc. Tsukuba Technical Center

3-20-1 Tokodai, Tsukuba, Ibaraki, Japan 300-2635

*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:

***Dimensional Calibration, Mass, Force, and Weighing Devices Calibration,
Acoustic Calibration, Electrical 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

Initial Accreditation Date:
May 28, 2011

Issue Date:
April 27, 2026

Expiration Date:
June 30, 2028

Accreditation No.:
69511

Certificate No.:
L26-423

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

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



Certificate of Accreditation: Supplement

FIT Pacific, Inc. Tsukuba Technical Center

3-20-1 Tokodai, Tsukuba, Ibaraki, Japan 300-2635

Contact Name: Nobuo Edakawa Phone: 029-848-0331

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)	EXPANDED MEASUREMENT UNCERTAINTY ($\pm$)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Dimensional	Linear Potentiometer Calibration Fixed Points Fixture (Model 5245)	Up to 140 mm	$3.3 \mu\text{m/mm} + 0.46 \text{ mm}$	Digital caliper	Chest/Linear Pot. Calibration Procedure (TT-ID-TM10005) Linear Pot. Cal. Fixture Calibration Procedure (TT-ID-TM10007)	F1, F3	F
Dimensional	Rotary Potentiometer Calibration through 150° Rotational Displacement Fixed Points Fixture (Model 6790)	Up to 150°	$0.0033^\circ/\text{°} + 0.50^\circ$	Index fixture	Rotary Pot. Calibration Procedure (TT-ID-TM10006) Rotary Pot. Cal. Fixture Calibration Procedure (TT-ID-TM10008)	F1, F3	F
Mass, Force, and Weighing Devices	Load Cell Axial Force Moment:	Up to 25 kN	$(0.59 \times 10^{-3} F + 15) \text{ N}$	1110AO-25KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 50.8 mm	Up to 25 kN	$(1.6 \times 10^{-3} F + 39) \text{ N}$	1110AO-25KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 38.1 mm	Up to 25 kN	$(2.0 \times 10^{-3} F + 50) \text{ N}$	1110AO-25KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 31.75 mm	Up to 25 kN	$(2.4 \times 10^{-3} F + 60) \text{ N}$	1110AO-25KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 25.4 mm	Up to 25 kN	$(3.0 \times 10^{-3} F + 74) \text{ N}$	1110AO-25KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F



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Mass, Force, and Weighing Devices	Load Cell Axial Force Moment:	Up to 10 kN	$(0.59 \times 10^{-3} F + 6.0) \text{ N}$	SSM-AF-10KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 50.8 mm	Up to 10 kN	$(1.6 \times 10^{-3} F + 16) \text{ N}$	SSM-AF-10KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 38.1 mm	Up to 10 kN	$(2.0 \times 10^{-3} F + 20) \text{ N}$	SSM-AF-10KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 31.75 mm	Up to 10 kN	$(2.4 \times 10^{-3} F + 24) \text{ N}$	SSM-AF-10KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 25.4 mm	Up to 10 kN	$(3.0 \times 10^{-3} F + 29) \text{ N}$	SSM-AF-10KN	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Load Cell Axial Force Moment:	Up to 22 kN	$(0.19 \times 10^{-3} F + 4.0) \text{ N}$	1610AJH-5K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 50.8 mm	Up to 22 kN	$(1.5 \times 10^{-3} F + 32) \text{ N}$	1610AJH-5K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 38.1 mm	Up to 22 kN	$(1.9 \times 10^{-3} F + 42) \text{ N}$	1610AJH-5K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 31.75 mm	Up to 22 kN	$(2.3 \times 10^{-3} F + 51) \text{ N}$	1610AJH-5K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 25.4 mm	Up to 22 kN	$(2.9 \times 10^{-3} F + 64) \text{ N}$	1610AJH-5K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F



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Mass, Force, and Weighing Devices	Load Cell Axial Force Moment:	Up to 8.8 kN	$(0.21 \times 10^{-3} F + 2.0) \text{ N}$	1610AJH-2K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 50.8 mm	Up to 8.8 kN	$(1.5 \times 10^{-3} F + 13) \text{ N}$	1610AJH-2K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 38.1 mm	Up to 8.8 kN	$(1.9 \times 10^{-3} F + 17) \text{ N}$	1610AJH-2K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 31.75 mm	Up to 8.8 kN	$(2.3 \times 10^{-3} F + 20) \text{ N}$	1610AJH-2K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F
Mass, Force, and Weighing Devices	Arm Length 25.4 mm	Up to 8.8 kN	$(2.9 \times 10^{-3} F + 25) \text{ N}$	1610AJH-2K	SAE J211-1 -Load Cell Calibration Procedure: NT-ID-TM001	F1, F3	F



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Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	5 Hz to 100 Hz	1.3 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	100 Hz	1.3 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	100 Hz to 2 kHz	1.7 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	2 kHz to 5 kHz	1.7 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	5 Hz to 100 Hz	1.3 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	100 Hz	1.3 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	100 Hz to 2 kHz	1.7 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	2 kHz to 5 kHz	1.7 % of reading	PCB 301A10	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Voltage sensitivity: mV/(m/s ²) Acceleration meter output ≥ 0.01 mV	10 Hz to 100 Hz	1.3 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: mV/(m/s ²) Acceleration meter output ≥ 0.01 mV	100 Hz	1.3 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: mV/(m/s ²) Acceleration meter output ≥ 0.01 mV	100 Hz to 2 kHz	1.7 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: mV/(m/s ²) Acceleration meter output ≥ 0.01 mV	2 kHz to 5 kHz	1.7 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: mV/(m/s ²) Acceleration meter output ≥ 0.01 mV	5 kHz to 10 kHz	3.1 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	10 Hz to 100 Hz	1.3 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	100 Hz	1.3 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	100 Hz to 2 kHz	1.7 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	2 kHz to 5 kHz	1.7 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	5 kHz to 10 kHz	3.1 % of reading	B&K 8305	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	5 Hz to 10 Hz	1.4 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	10 Hz to 20 Hz	1.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	20 Hz to 1 kHz	1.0 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	1 kHz to 5 kHz	1.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	5 kHz to 10 kHz	1.7 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	10 kHz to 15 kHz	2.2 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	15 kHz to 20 kHz	3.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	5 Hz to 10 Hz	1.3 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	10 Hz to 20 Hz	1.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	20 Hz to 1 kHz	1.0 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	1 kHz to 5 kHz	1.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	5 kHz to 10 kHz	1.7 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	10 kHz to 15 kHz	2.2 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m}/\text{s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	15 kHz to 20 kHz	3.1 % of reading	PCB M353B17	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Acoustic	Angular rate sensor 25 deg (p-p) Charge sensitivity: $\text{mV}/(\text{deg}/\text{s})$ Angular rate sensor output $\geq 0.01 \text{ mV}$	1 Hz to 200 Hz	1.6 % of reading	DTS ARS-PRO-8K	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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Electrical	Acceleration sensor Voltage sensitivity: $\text{mV}/(\text{m/s}^2)$ Acceleration meter output $\geq 0.01 \text{ mV}$	98 m/s^2 to 1960 m/s^2	0.8 % of reading	ENDEVCO 2270	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F
Electrical	Acceleration sensor Charge sensitivity: $\text{pC}/(\text{m/s}^2)$ Acceleration meter output $\geq 1 \text{ pC}$	98 m/s^2 to 1960 m/s^2	0.8 % of reading	ENDEVCO 2270	'Calibration procedures for acceleration meter and angular rate sensor'(NT-IA-TM001) On basis of: ISO 16063-21 (vibration type)	F1、 F3	F



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1. The CMC (Calibration and Measurement Capability) is expressed in terms of measurement instrument/aspect being calibrated, range, expanded measurement uncertainty, equipment, and method/procedure. The expanded measurement uncertainty 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 measurement uncertainty included on this scope 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 laboratory's range of calibration capability for all disciplines for which it is 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 CAB's fixed facility
4. Flex Codes
F0: When no flexibility is identified. There are no changes to items calibrated, characteristics identified or versions of methods except for updating to the most recent version of a standard method after verification.
F1: The laboratory has the capability to introduce a new instrument, quantity, or gauge for an accredited calibration method.
F2: The laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
F3: The laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
F4: The laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using the same Calibration Equipment or Reference Standards) identified on the scope for the same parameter, component, or analyte identified on the line item of the scope.