PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Weedon Engineering

5105 Buffalo Avenue, Jacksonville, FL 32206

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017
& Meets requirements of ANSI/NCSI Z540.3-2006 subclause 5.3

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):

Chemical, Dimensional, Electrical, Mass, Force, and Weighing, Mechanical and Thermodynamic 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:	*Issue Date:*	*Expiration Date:*
December 09, 2011	July 04, 2024	October 31, 2026

Accreditation No.:	*Certificate No.:*
69815	L24-506

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

Weedon Engineering
5105 Buffalo Avenue, Jacksonville, FL 32206
Contact Name: Mr. Greg Weedon Phone: 904-355-8411

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

Chemical

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
Gas Detectors [F]				
Carbon Monoxide [F]	80 ppm to 120 ppm	1.2 % of reading	Gas Mixtures	WEC-CP-GAS-1
Hydrogen Sulfide [F]	25 ppm to 35 ppm	1.2 % of reading		
Oxygen [F]	15 % to 21 %	1.3 % of reading		
Methane [F]	2 % Volume to 3% Volume	1.3 % of reading	Gas Mixtures with Correction Factors for Hydrogen Propane N-Butane N-Pentane N-Hexane N-Octane Methanol Ethanol Isopropyl Alcohol Acetone Ammonia Toluene Gasoline	WEC-CP-GAS-1

Dimensional

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
Indicators [FO]	0.01 in to 1 in	83 µin	Gage Blocks	WEC-CP-IND-1 WEC-CP-MIC-1 WEC-CP-CALIPER-1
Micrometer [FO]	0.01 in to 12 in	78 µin		
Calipers [FO]	0.01 in to 12 in	139 µin		
Coating Thickness Gages Nonferrous and Ferrous [FO]	3.09 mL	0.2 mils	Coated Metal Plates	WEC-CP-CTTHK-1
	10.05 mL	1.4 mils		
	50.30 mL	1.9 mils		

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

Electrical

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
Equipment to Output DC Voltage [FO]	0.01 mV to 100 mV	0.058 mV + 0.07 % of reading	Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-PROCESS-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RTD1
	0.1 V to 1 V	0.058 V + 0.01 % of reading		
	1 V to 10 V	0.058 V + 0.01 % of reading		
	10 V to 100 V	0.058 V + 0.03 % of reading		
	100 V to 1 000 V	0.056 V + 0.23 % of reading		
Equipment to Measure DC Voltage [FO]	0.1 mV to 202 mV	4.44 µV + 0.001 7 % of reading	Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
	0.2 V to 2.02 V	15.31 µV + 0.001 3 % of reading		
	20 V to 202 V	8.04 mV + 0.001 9 % of reading		
	200 V to 1 025 V	10.6 mV + 0.003 % of reading		
Equipment to Measure DC Current [FO]	3 µA to 202 µA	34.82 nA + 0.006 % of reading		
	0.2 mA to 2.02 mA	137.07 nA + 0.002 2 % of reading		
	2 mA to 20.2 mA	444.62 nA + 0.002 5 % of reading		
	20 mA to 202 mA	21.27 µA + 0.12 % of reading		
	0.2 A to 2.02 A	99.63 µA + 0.006 % of reading		
	2 A to 30 A	1.44 mA + 0.001 8 % of reading		
Equipment to Output AC Voltage At the Listed Frequencies [FO]			Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
5 Hz to 10 Hz	0.01 mV to 100 mV	0.033 mV + 0.37 % of reading		
10 Hz to 20 kHz	0.01 mV to 100 mV	0.046 mV + 0.069 % of reading		
20 kHz to 50 kHz	0.01 mV to 100 mV	0.058 mV + 0.13 % of reading		
50 kHz to 100 kHz	0.01 mV to 100 mV	0.092 mV + 0.069 % of reading		
100 kHz to 300 kHz	0.01 mV to 100 mV	0.58 mV + 4.61 % of reading		
Equipment to Output AC Voltage At the Listed Frequencies [FO]				
3 Hz to10 Hz	0.1 V to 1 V	0.21 V + 0.071 % of reading		
10 Hz to 20 kHz	0.1 V to 1 V	0.035 V + 0.069 % of reading		
20 kHz to 50 kHz	0.1 V to 1 V	0.081 V + 0.099 % of reading		
50 kHz to 100 kHz	0.1 V to 1 V	0.49 V + 0.13 % of reading		
100 kHz to 300 kHz	0.1 V to 1 V	0.058 V + 0.46 % of reading		
Equipment to Output AC Voltage At the Listed Frequencies [FO]				
5 Hz to 10 Hz	1 V to 10 V	0.003 5 V + 0.4 % of reading		
10 Hz to 20 kHz	1 V to 10 V	0.035 V + 0.069 % of reading		
20 kHz to 50 kHz	1 V to 10 V	0.058 V + 0.13 % of reading		
50 kHz to 100 kHz	1 V to 10 V	0.092 V + 0.69 % of reading		
100 kHz to 300 kHz	1 V to 10 V	0.58 V + 4.61 % of reading		

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Equipment to Output AC Voltage At the Listed Frequencies [FO]			Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1
10 Hz to 20 kHz	10 V to 100 V	0.035 V + 0.069 % of reading		
20 kHz to 50 kHz	10 V to 100 V	0.058 V + 0.13 % of reading		
Equipment to Output AC Voltage At the Listed Frequencies [FO]				
10 Hz to 20 kHz	100 V to 750 V	0.035 V + 0.069 % of reading		
20 kHz to 50 kHz	100 V to 750 V	0.058 V + 0.13 % of reading		
Equipment to Measure AC Voltage At the Listed Frequencies [FO]			Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
10 Hz to 44 Hz	0.1 mV to 202 mV	65.28 µV + 0.11 % of reading		
44 Hz to 999 Hz	0.1 mV to 202 mV	33.03 µV + 0.02 % of reading		
1 kHz to 19.999 kHz	0.1 mV to 202 mV	47.78 µV + 0.049 % of reading		
20 kHz to 99.999 kHz	0.1 mV to 202 mV	90.98 µV + 0.17 % of reading		
100 kHz to 500 kHz	0.1 mV to 202 mV	564.67 µV + 0.42 % of reading		
Equipment to Measure AC Voltage At the Listed Frequencies [FO]				
10 Hz to 44 Hz	0.2 V to 2.02 V	1.18 mV + 0.077 % of reading		
44 Hz to 999 Hz	0.2 V to 2.02 V	281.83 µV + 0.015 % of reading		
1 kHz to 19.999 kHz	0.2 V to 2.02 V	535.58 µV + 0.034 % of reading		
20 kHz to 99.999 kHz	0.2 V to 2.02 V	3.2 mV + 0.1 % of reading		
100 kHz to 500 kHz	0.2 V to 2.02 V	6.56 mV + 0.17 % of reading		
Equipment to Measure AC Voltage At the Listed Frequencies [FO]				
10 Hz to 44 Hz	2 V to 20.2 V	6.55 mV + 0.1 % of reading		
44 Hz to 999 Hz	2 V to 20.2 V	1.93 mV + 0.016 % of reading		
1 Hz to 19.999 kHz	2 V to 20.2 V	3.2 mV + 0.033 % of reading		
20 kHz to 100 kHz	2 V to 20.2 V	45.92 mV + 0.1 % of reading		
Equipment to Measure AC Voltage At the Listed Frequencies [FO]				
30 Hz to 44Hz	20 V to 202 V	13.46 mV + 0.028 % of reading		
45 Hz to 999 Hz	20 V to 202 V	12 mV + 0.018 % of reading		
1 kHz to 20 kHz	20 V to 202 V	23.56 mV + 0.041 % of reading		

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Equipment to Measure AC Voltage At the Listed Frequencies [FO]			Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
30 Hz to 44 Hz	200 V to 1 020 V	133.14 mV + 0.059 % of reading		
45 Hz to 999 Hz	200 V to 1 020 V	159.68 mV + 0.035 % of reading		
1 kHz to10 kHz	200 V to 1 020 V	70.04 mV + 0.17 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
10 Hz to 44 Hz	20 µA to 202 µA	0.35 µA + 0.000 09 % of reading		
45 Hz to 999 Hz	20 µA to 202 µA	0.33 µA + 0.000 032 % of reading		
1 kHz to 10 kHz	20 µA to 202 µA	0.44 µA + 0.000 39 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
10 Hz to 44Hz	0.2 mA to 2.02 mA	1.95 µA + 0.064 % of reading		
45 Hz to 999 Hz	0.2 mA to 2.02 mA	1.35 µA + 0.015 % of reading		
1 kHz to 10 kHz	0.2 mA to 2.02 mA	3.75 µA + 0.26 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
10 Hz to 44 Hz	2 mA to 20.2 mA	8.97 µA + 0.1 % of reading		
45 Hz to 999 Hz	2 mA to 20.2 mA	5.85 µA + 0.029 % of reading		
1 Hz to 10 Hz	2 mA to 20.2 mA	17.56 µA + 0.24 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
10 Hz to 44 Hz	20 mA to 202 mA	89.68 µA + 0.1 % of reading		
45 Hz to 999 Hz	20 mA to 202 mA	58.53 µA + 0.029 % of reading		
1 kHz to 10 kHz	20 mA to 202 mA	188.61 µA + 0.3 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
10 Hz to 44 Hz	0.2 A to 2.02 A	1.37 mA + 0.077 % of reading		
45 kHz to 2 kHz	0.2 A to 2.02 A	0.84 mA + 0.034 % of reading		
Equipment to Measure AC Current At the Listed Frequencies [FO]				
30 Hz to 44 Hz	2 A to 30 A	10.89 mA + 0.009 % of reading		
45 Hz to 99 Hz	2 A to 30 A	4.64 mA + 0.004 1 % of reading		
100 kHz to 1 kHz	2 A to 30 A	131.14 mA + 0.16 % of reading		

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Equipment to Measure Frequency FO	0.1 Hz to 5 Hz	0.25 mHz + 0.000 28 % of reading	Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT1 WEC-CP-PROCESS-1
	5 Hz to 50 Hz	1.44 mHz + 0.000 26 % of reading		
	50 Hz to 500 Hz	11.83 mHz + 0.000 25 % of reading		
	0.5 kHz to 5 kHz	0.27 Hz + 0.000 29 % of reading		
	5 kHz to 50 kHz	1.44 Hz + 0.000 26 % of reading		
	50 kHz to 500 kHz	12.68 Hz + 0.000 26 % of reading		
	0.5 MHz to 1 MHz	210.56 Hz + 0.044 % of reading		
Equipment to Output Resistance FO	0.01 Ω to 100 Ω	0.89 Ω + 0.000 1 % of reading	Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
	100 Ω to1 kΩ	0.001 6 kΩ + 0.011 % of reading		
	1 kΩ to 10 kΩ	0.08 kΩ + 0.000 3 % of reading		
	10 kΩ to 100 kΩ	0.064 Ω + 0.001 3 % of reading		
	0.1 MΩ to 1 MΩ	0.001 2 MΩ + 0.011 % of reading		
	1 MΩ to 10 MΩ	0.001 2 MΩ + 0.011 % of reading		
Equipment to Measure Resistance FO (4 Wire Simulated)	Up To 1 Ω	6 mΩ	Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
	1 Ω to 10 Ω	5.89 mΩ + 0.001 1 % of reading		
	10 Ω to 100 Ω	5.89 mΩ + 0.005 7 % of reading		
	0.1 kΩ to 1 kΩ	47.63 mΩ + 0.004 6 % of reading		
	1 kΩ to 10 kΩ	0.48 Ω + 0.004 5 % of reading		
	10 kΩ to 100 kΩ	4.82 Ω + 0.004 5 % of reading		
Equipment to Measure Resistance FO (2 Wire Simulated)	Up To 1 Ω	6 mΩ	Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
	1 Ω to 10 Ω	2.4 mΩ + 0.002 3 % of reading		
	10 Ω to 100 Ω	6 mΩ + 0.005 7 % of reading		
	0.1 kΩ to 1 kΩ	13.37 mΩ + 0.000 54 % of reading		
	1 kΩ to 10 kΩ	475.81 mΩ + 0.004 6 % of reading		
	10 kΩ to 100 kΩ	1.31 Ω + 0.000 025 % of reading		
	0.1 MΩ to 1 MΩ	49.10 Ω + 0.011 % of reading		
	1 MΩ to 10 MΩ	189.29 Ω + 0.000 6 % of reading		
	10 MΩ to 100 MΩ	3.04 kΩ + 0.35 % of reading		
	0.1 GΩ to 1 GΩ	108.5 kΩ + 1.15 % of reading		
Equipment to Measure Type K Thermocouple FO	-140 °C to 200 °C	0.19 °C		
	200 °C to 1 340 °C	0.48 °C		

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Equipment to Measure Capacitance FO (at fixed point)	10.071 nF	1.2 nF	Transmille 25PPM Multi-Product Calibrator	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1
	19.973 nF	1.2 nF		
	50.61 nF	1.2 nF		
	99.24 nF	1.2 nF		
	0.991 2 µF	4.8 nF		
	9.864 µF	74 nF		
Equipment to Output DC Current FO	0.1 mA to 100 mA	0.029 µA + 0.057 % of reading	Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
	0.1 mA to 1 mA	0.006 mA + 0.053 % of reading		
	1 mA to 10 mA	0.023 mA + 0.057 % of reading		
	10 mA to 400 mA	0.007 mA + 0.057 % of reading		
	0.4 A to 1 A	0.006 A + 0.057 % of reading		
	1 A to 3 A	0.023 A + 0.11 % of reading		
	3A to 10 A	0.009 A + 0.17 % of reading		
Equipment to Output AC Current At the Listed Frequencies FO				
5 Hz to10 Hz	0.01 mA to 10 mA	0.069 mA + 0.4 % of reading		
10 kHz to 5 kHz	0.01 mA to 10 mA	0.069 mA + 0.17 % of reading		
5 kHz to 10 kHz	0.01 mA to 10 mA	0.081 mA + 0.4 % of reading		
Equipment to Output AC Current At the Listed Frequencies FO			Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
5 Hz to 10 Hz	10 mA to 100 mA	0.046 mA + 0.35 % of reading		
10 kHz to 5 kHz	10 mA to 100 mA	0.047 mA + 0.12 % of reading		
5 kHz to 10 kHz	10 mA to 100 mA	0.29 mA + 0.23 % of reading		
Equipment to Output AC Current At the Listed Frequencies FO				
5 Hz to 10 Hz	100 mA to 400 mA	0.12 mA + 0.35 % of reading		
10 Hz to 1 kHz	100 mA to 400 mA	0.12 mA + 0.12 % of reading		
1 kHz to 10 kHz	100 mA to 400 mA	0.81 mA + 0.23 % of reading		
Equipment to Output AC Current At the Listed Frequencies FO				
5 Hz to 10 Hz	0.4 A to 1A	0.056 A + 0.29 % of reading		
10 Hz to 5 kHz	0.4 A to 1A	0.047 A + 0.11 % of reading		
5 kHz to 10 kHz	0.4 A to 1A	0.81 A + 0.4 % of reading		

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Equipment to Output AC Current At the Listed Frequencies FO			Fluke 8845A	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-PWRSPLY-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-PROCESS-1
5 Hz to10 Hz	1 A to 3A	0.069 A + 0.4 % of reading		
10 Hz to 5kHz	1 A to 3A	0.069 A + 0.17 % of reading		
5 kHz to 10 kHz	1 A to 3A	0.81 A + 0.4 % of reading		
Equipment to Output AC Current At the Listed Frequencies FO				
5 Hz to 10 Hz	3 A to 10A	0.069 A + 0.4 % of reading		
10 Hz to 5 kHz	3 A to 10A	0.07 A + 0.17 % of reading		
Photo Tachometers Rate of Rotation Electrical Simulation FO	240 rpm to 60 000 rpm	0.34 rpm + 0.022 % of reading	Transmille 25PPM Multi-Product Calibrator with Workstation EA015	OEM Procedures WEC-CP-DMM-1 WEC-CP-CLAMP-1 WEC-CP-MEGGER-1 WEC-CP-RC/RTD/RDOUT-1 WEC-CP-TACH-1 WEC-CP-PROCESS-1
Equipment to measure DC Current Coils FO	0.1 A to 4 A 2 Turn	0.13 A		
	4 A to 60 A 2 Turn	0.38 A		
	0.1 A to 40 A 10 Turn	0.46 A		
	40 A to 300 A 10 Turn	1.7 A		
	0.1 A to 200 A 50 Turn	1.7 A		
	200 A to 1 500 A 50 Turn	5.5 A		
Equipment to measure AC Current Coils FO	0.1 A to 4 A 2 Turn	0.13 A		
	4 A to 60 A 2 Turn	0.38 A		
	0.1 A to 40 A 10 Turn	0.46 A		
	40 A to 300 A 10 Turn	1.7 A		
	0.1 A to 200 A 50 Turn	1.7 A		
	200 A to 1 500 A 50 Turn	5.5 A		

Mass, Force and Weighing Devices

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
Small Capacity Scales & Balances FO	1 lb to 120 lb	0.12 lb	Class F Weights	OEM Procedures WEC-CP-SCALE-1

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Equipment to Output Torque [FO]	0.5 lbf•in to 750 lbf•ft	0.35 lbf•ft + 0.55 % of reading	Torque Transducer Norbar Smart Cell	OEM Procedures WEC-CP-TWRENCH-1
	0.5 lbf•in to 50 lbf•in	0.54 lbf•in + 0.23 % of reading	Torque Analyzer Mountz TTL	
	50 lbf•in to 1 000 lbf•in	0.37 lbf•in + 0.54 % of reading	Torque Analyzer AWS TT30100-ER	
Equipment to Measure Pressure [FO]	5 psi to 10 000 psig	0.075 % + 0.072 psig of reading	Dead Weight Tester Ashcroft 1305D-100	OEM Procedures WEC-CP-PSI-1

Thermodynamic

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Equipment to Measure Humidity [FO] (at fixed point)	29 to 37 % RH	1.1 % RH	Saturated Salts Magnesium Chloride, Sodium Chloride with a Digital Hygrometer	OEM Procedures WEC-CP-RH-TEMP-RCRD-1
	71 to 79 % RH	1.1 % RH		
Equipment to Generate Temperature [FO]	-20 °C to 260 °C	0.27 °C	PRT Omega PRTF-10-2-100-1/4-6-E	OEM Procedures WEC-CP-TEMP-GENRT-1
Equipment to Measure Temperature [FO]	50 °C to 650 °C	1.17 °C + 0.067 % of reading	PRT Omega PRTF-10-2-100-1/4-6-E with Dry well Fluke 9141EZT	OEM Procedures WEC-CP-TEMP-MSR-1

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.

4. The presence of a superscript O means that the laboratory performs calibration of the indicated parameter onsite at customer locations.

Certificate of Accreditation: Supplement

Weedon Engineering
5105 Buffalo Avenue, Jacksonville, FL 32206
Contact Name: Mr. Greg Weedon Phone: 904-355-8411

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

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.

6. The term L represents length in inches or millimeters as appropriate to the uncertainty statement