American Standardization Council

CERTIFICATION OF ACCREDITATION

AMERICAN STANDARDIZATION COUNCIL HEREBY AFFIRMS THAT

UNITED SAFETY & QUALITY COUNCIL USQC

1297 CENTENNIAL AVE. SUITE 5-399, PISCATAWAY, NJ. 08854

ISO/IEC 17025:2017

THIS INSPECTION BODY IS ACCREDITED IN ACCORDANCE WITH THE RECOGNIZED INTERNATIONAL STANDARD ISO/IEC 17020:2012. AN INSPECTION BODY'S FULFILMENT OF THE REQUIREMENTS OF ISO/IEC 17020:2012 MEANS THE INSPECTION BODY MEETS BOTH THE TECHNICAL COMPETENCE REQUIREMENTS AND MANAGEMENT SYSTEM REQUIREMENTS THAT ARE NECESSARY FOR IT TO CONSISTENTLY DELIVER TECHNICALLY VALID INSPECTION RESULTS

SCOPE

.Pressure Calibration, .Temperature Calibration,
.Electrical Calibration, .Dimensional Calibration, .Flow Calibration,

ASC ASSUMES NO LIABILITY TO ANY PART OTHER THAN THE FIRM NAMED ABOVE, AND THEN ONLY IN ACCORDANCE WITH THE AGREED UPON QUALITY SYSTEM ASSESSMENT AGREEMENT.

Initial Assessment:	Mar, 24th 2020
First Visit after the Initial Assessment:	Mar, 24th 2021
Secound Visit after the Initial Assessment:	Mar, 24th 2022
Re-assessment:	Mar, 23rd 2023

CERTIFICATE NO.: iso11739901

THIS CERTIFICATE IS VALID ONLY WHEN ACCOMPANIED BY A CURRENT SCOPE OF ACCREDITATION DOCUMENT.
THE CURRENT SCOPE OF ACCREDITATION CAN BE VERIFIED AT WWW.ASC-ACCREDIT.COM

SCOPE OF ACCREDITATION

ASC Accreditation Number	iso11739901
Accredited Entity	United Safety and Quality Council
Address	1297 Centennial Ave suite 5-399, Piscataway, NJ 08854 USA
Telephone	+1 (732) 354-1094
Effective Date of Scope From – To -	Mar 24th 2020 to Mar 23rd 2023
Accreditation Standard	ISO/IEC 17025 : 2017

CALIBRATION AND MEASUREMENT CAPABILITY (CMC) [1] [2]

Calibration Area	Range	Basic Accuracy	Reference Standard/Equipment
Pressure/Transmitter	0 – 10 bar	0.025% FS	Hand-Held / Pressure Transducer
	0 – 25 bar	0.025% FS	
	0 – 100 bar	0.025% FS	
	0 – 250 bar	0.025% FS	
	0 – 400 bar	0.025% FS	
	0 – 700 bar	0.025% FS	
	0 – 1000 bar	0.025% FS	
	0 – 1600 bar	0.1% FS	
	0 – 2500 bar	0.1% FS	
	0 – 4000 bar	0.1% FS	
	0 – 6000 bar	0.1% FS	
Pressure Temperature Current Resistance Voltage	-1 - 21 bar -10 … +50 °C Input: DC±100mA Output: DC20mA 0…10,000Ω DC 24V	0.025 %FS 0.001 %rdg, outside of 19…23°C	Process Calibrator
Pressure Temperature Current Resistance Voltage	-1 - 21 bar -10 … +50 °C Input: DC±100mA Output: DC20mA 0…10,000Ω DC 24V	0.025 %FS 0.001 %rdg, outside of 19…23°C	Process Calibrator
Temperature	-35°C - 165°C	±0.1 K at -30 °C ±0.16 K at 165 °C	Dry well calibrator with external reference
	40°C - 650°C	±0.3 K at 300 °C ±0.6 K at 650 °C	
	200°C - 1100°C	±0.3 .0.8 K	
	-80°C - 1000°C	0.01 °C	Precision Thermometer with external reference
	-50 ... +250 °C (-58 ... +482 °F)	±0.1 °C at 20 °C (±0.18 °F at 68 °F)	Temperature Recorder

Calibration Area	Range	Basic Accuracy	Reference Standard/Equipment
Temperature	-200 to 1300°C	0.2%+1°C and resolution of 0.1°C	Multi-Channel Temperature Meter
Temperature	-40 - +123 °C (-40..254.84 °) 0 … 100 % r. h. 550 … 1,150 mbar abs. (7.85 16.68 psi abs.) (opt. 551 … 1,172 mbar abs.) (817 psi abs.)	±0.5 °C (0.9 °F ±5% r.h. 0.05 % FS (opt. 0.01 % of reading)	Temperature Recorder
Temperature	-40 - +123 °C (-40..254.84 °) 0 … 100 % r. h. 550 … 1,150 mbar abs. (7.85 16.68 psi abs.) (opt. 551 … 1,172 mbar abs.) (817 psi abs.)	±0.5 °C (0.9 °F ±5% r.h. 0.05 % FS (opt. 0.01 % of reading)	Temperature Recorder
Speed	0 – 60000 FPM	0.01% FS	Tachometer
Dimensional, Calipers, Micrometers, Dial Gauges	1.005…100 mm	0.5 – 10mm ±0.12µm, 10 –25mm ±0.14µm, 25 – 50mm ±0.20µm, 50 – 75mm ±0.25µm, 75 – 100mm ±0.30µm	Grade 0 Gauge Block Set
Dimensional, Calipers, Micrometers, Dial Gauges	5 in, 6 in, 7 in, 8 in, 10 in, 12 in, 16 in, 20 in	±6µinch	Grade 1 Gauge Block Set
Scales and Balance	1mg – 5 kg	ASTM Class 1	Test Weights
Torque Reading	0 – 100 lb/in	0.3% FS	Digital Torque Gauge
Torque Reading	1000 lb/ft	+/- 0.25%	Digital Torque Meter
Illumination, Light, Lux	100000 lux	±4%rdg	Digital Light Meter
Electrical Measurement	DCV: 100 mV to 1,000 V ACV: 100 mV to 750 V DCI: 100 µA to 10 A ACI: 100 µA to 10 A	0.0035% DC, 0.06% AC	Digital Multimeter

Electrical Measurementnt	1,000 DCV	0.03% DC and 0.1% true RMS AC	Precision HV Meter
Electrical measurement	30,000 DCV	. 0.035% of reading + 0.07V (100mV)	Precision HV Prove

[1]The uncertainty covered by the Calibration and Measurement Uncertainty (CMC) is expressed as the expanded uncertainty having **a** specific coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal me assuring equipment. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than that provided in the CMC due to the behavior of the customer 's device and to influences from the circumstance s of the specific calibration .

[2]1f information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.