



SCOPE OF ACCREDITATION

IAS Accreditation Number	CL-153
Accredited Entity	Technical Associated Services, LLC
Address	7832 Franklin Drive Huntington Beach, CA 92648
Contact Name	Terry Summers Service/QC Manager
Telephone	(714) 841-0475
Effective Date of Scope	February 22, 2017
Accreditation Standard	ISO/IEC 17025:2005

CALIBRATION AREA	RANGE & RESOLUTION	CALIBRATION & MEASUREMENT CAPABILITY ¹ (CMC) (±)	TECHNIQUE, REFERENCE STANDARD, EQUIPMENT
<i>Mechanical</i>			
Force-Compression and Tension	>22 to 1,000 lb.-ft. >100 to 5,000 lb.-ft. >960 to 20,000 lb.-ft. >2,500 to 100,000 lb.-ft. >14,000 to 500,000 lb.-ft. >32,000 to 1,000,000 lb.-ft.	0.09% of Reading 0.09% of Reading 0.12% of Reading 0.12% of Reading 0.12% of Reading 0.11% of Reading	Load Cell, ASTM E4
Balances and Scales	211 x 0.001 g 60 X 0.01 kg 1,000 x 0.1 lb.	0.68 mg 6.5 g 0.35 lb.	Class S1 Weights Class F Weights Class F Weights
Extensometer Torque Wrench	Up to 1 in. Up to 2,000 lb.-ft.	0.04% of Range 0.5% of Range	Linear Calibrator, ASTM E83 Torque Transducer
<i>Dimensional</i>			
Dial Indicator Dial Calipers	Up to 6 in./0.001 in. Up to 6 in./0.0001 in. >6 to 12 in./0.001 in.	0.0012 in. 0.0014 in. 0.0018 in.	Gage Blocks Gage Blocks
Digital Calipers	Up to 6 in./0.0005 in. >6 to 12 in./0.0005 in.	0.0007 in. 0.0009 in.	Gage Blocks
Digital Micrometers	Up to 12 in. /0.0001 in.	140 µin.	
<i>Thermal</i>			
Oven Probe	Up to 1200°C	0.9°C	Digital Thermometer, Thermocouple

*Calibration and Measurement Capability¹ is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation (at a confidence level of 95% with a coverage factor of 2)