



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Brian Service and Calibration
15255 Gulf Freeway #188B
Houston, TX 77034

Fulfills the requirements of

ISO/IEC 17025:2017

and the national standard

ANSI/NCSL Z540-1-1994 (R2002)

in the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President
Expiry Date: 22 April 2024
Certificate Number: AC-1181



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AND

ANSI/NCSL Z540-1-1994 (R2002)

Brian Service and Calibration

15255 Gulf Freeway #188B

Houston, TX 77034

Kris Brian 281-922-5755

CALIBRATION

Valid to: April 22, 2024

Certificate Number: AC-1181

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Brinell Hardness Testers ¹	(500 to 3 000) kgf Test Block	0.01 % of applied load 1.2 HBW	Proving Ring, Hardness Test Blocks ASTM E-10 Applied Load – Direct Test Block – Indirect ASTM E-110
Rockwell Hardness Testers ¹	(39.5 to 95) HRA (35 to 100) HRB (20 to 65) HRC (75 to 100) HRE (41.5 to 84.4) HRN (15 to 83.1) HRT	0.16 HRA 0.22 HRB 0.24 HRC 0.15 HRE 0.21 HRN 0.21 HRT	Hardness Test Blocks ASTM E-18 (Indirect) ASTM E-110
UCI ¹ (Ultrasonic Contact Impedance Tester)	(20 to 65) UCI (HRC)	0.36 UCI (HRC)	Hardness Test Blocks ASTM A-1038 (Indirect)
Microhardness Testers ¹ Knoop	(120 to 920) HK	3.4 HK	Hardness Test Blocks
Vickers	(107 to 940) HV	9 HV	ASTM E-92 (Indirect)
Leeb (Rebound) Hardness Testers ¹	(300 to 900) HL	9.3 HL	Hardness Test Blocks ASTM A-956 (Indirect)

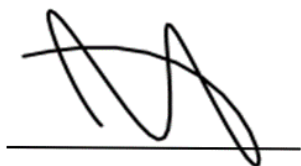
Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Optical Verification Brinell Microscopes Microscopes – General ¹	Up to 10 mm	6 μ m	Stage Micrometer ASTM E-10

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1181.



Jason Stine, Vice President

