

# **CERTIFICATE OF ACCREDITATION**

### **The ANSI National Accreditation Board**

Hereby attests that

### Precision Calibration & Repair 3130 Farrell Road Houston, TX 77073

Fulfills the requirements of

## **ISO/IEC 17025:2017**

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 <u>www.anab.org</u>.



Jason Stine, Vice President Expiry Date: 26 March 2025 Certificate Number: AC-2964

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

#### **Precision Calibration & Repair**

3130 Farrell Road Houston, TX 77073 Stuart Arouty 281-209-9000

#### CALIBRATION

Valid to: March 26, 2025

Certificate Number: AC-2964

#### Length – Dimensional Metrology

Parameter/Equipment	Range	<b>Expanded</b> Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Calipers <sup>2</sup>	(0 to 6) in (>6 to 24) in (>24 to 40) in	(51 + 0.6R) μin (280 + 0.6R) μin (380 + 0.6R) μin	Gage Blocks
Micrometers, OD <sup>2</sup>	Up to <mark>36 in</mark>	(26 + 7.6 <i>L</i> ) µin + 0.6R	Gage Blocks
Micrometers, ID <sup>2</sup>	Up to 40 in	$(31 + 9.5L) \mu in + 0.6R$	Super Micrometer
Micrometer Standards Length Rods <sup>2</sup>	Up to 12 in (>12 to 20) in (>20 to 40) in	110 μin 210 μin 400 μin	Super Micrometer
Dial Indicators <sup>2</sup>	Up to 6 in	(118 + 28 <i>L</i> ) μin + 0.6R	Super Micrometer
Length Measuring Machine <sup>1</sup> Super Micrometer	(0 to 12) in (>12 to 20) in (>20 to 40) in (>40 to 80) in	27 μin 42 μin 80 μin 160 μin	Optodyne Laser Measurement System
Granite Surface Plates <sup>1,2</sup>			
Flatness	12 in to 200 in	(1.2 <i>DL</i> ) µin	Mahr Digital Level System
Repeat	12 in to 200 in	22 µin	Repeat-o-Meter

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. L=Length in Inches, R=Resolution, DL=Diagonal Length
- 3. The legal entity name is Maven Calibration LLC doing business as Precision Calibration & Repair.
- 4. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2964.

Jason Stine, Vice President





www.anab.org