



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXPEDITE TESTING SERVICE CORPORATION

11645 Riverside Dr. #127

Lakeside, CA 92040

Tiffany Arnold Phone: (619) 736 - 7872

E-mail: tiffany@expeditetest.com

MECHANICAL

Valid To: February 28, 2027

Certificate Number: 5155.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metal products and metal fasteners:

Test Technology:

Test Method(s):

Tensile Strength	ASTM F606/F606M; NASM 1312-8; MIL-STD-1312-8
Full Size Yield Strength	ASTM F606/F606M
Proof Load Internal/External Thread	ASTM F606/F606M
Bend Test	ASTM E190, E290
Single/Double Shear	MIL-STD-1312-13; NASM 1312-13, NASM 1312-20
Ductility	ASME B18.6.3; IFI 113
Twist Test	ASME B18.21.1
Stress Durability (Hydrogen Embrittlement)	ASTM F606/F606M; NASM 1312-5; IFI 113; ASME B18.6.3, B18.21.1; ISO 15330
Torsional Strength	NASM 1312-25; MIL-STD-1312-25; ASME B18.6.3; IFI 113, 101, 124, 125
Rotational Capacity	ASTM F3125/3125M
Prevailing Torque	IFI 101, 124, 125, ASME B18.16.6
Socket Strength Torque (Recess Torque)	ASTM F912, F880/880M
Break Loose Torque	ASME B18.16.4
Drive Test	ASME B18.6.3
Rockwell Hardness (B, C scales)	ASTM E18
Micro Hardness – Vickers (100gf and 500gf) Knoop (100gf and 500gf)	ASTM E384, E92
Metallographic Sample Preparation	ASTM E3
Micro-etching and Microstructure	ASTM E407

Test Technology:

Decarburization/ Carburization
Case Depth
Plating Thickness by Microscopic Examination
Tensile Test (UTS, YS, % EI, %ROA) on
Machined Specimens at Ambient Temperature
Grain Size by Comparison
Salt Spray
Magnetic Permeability
Impact Testing (Charpy Only)
Torque Tension

Test Method(s):

ASTM E1077, F2328; SAE J121, J419
ISO 4507; SAE J423
ASTM B487/B487M; NASM 1312-12
ASTM E8/E8M, A370

ASTM E112
ASTM B117
ASTM A342/A342M
ASTM E23; ISO 148-1
IFI 101; ISO 16047





Accredited Laboratory

A2LA has accredited

EXPEDITE TESTING SERVICE CORPORATION

Lakeside, CA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 24th day of February 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5155.01
Valid to February 28, 2027

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.