

FASTENER TESTING

Let Laboratory Testing Inc. help ensure the reliability of your fasteners with our full line of materials testing and dimensional inspection services. Inspection results and certified test reports can provide the information you need, whether you're in engineering, manufacturing, purchasing or quality assurance.

- Answer material selection or production questions
- Verify fastener and thread dimensions
- Confirm the quality and composition of finished fasteners

FASTENER TESTING TO AVOID COSTLY PROBLEMS

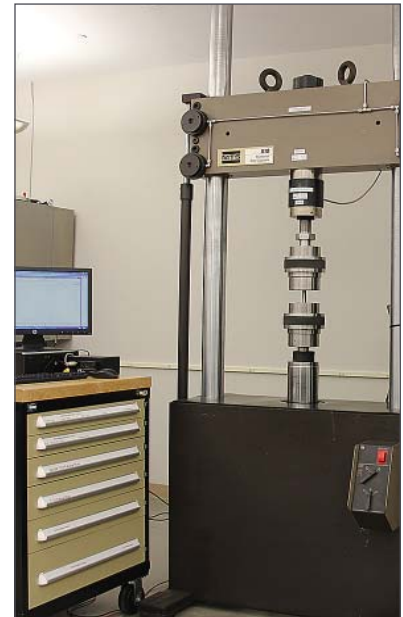
Services to Meet Your Needs

LTI can test your materials, prototypes or finished fasteners. The wide-range of testing and inspection services can tell you about material characteristics, corrosion resistance, defects or flaws. Our team of materials engineers is available to perform a complete root cause failure analysis when a fastener does not meet performance expectations.

Quality Assurance

Whether the work we do is for the military, aerospace or nuclear industry, or a local manufacturer, our number one concern is quality. Our customers depend on the information we report to make key business decisions and to satisfy the requirements of their customers and quality program.

Laboratory Testing Inc. takes this responsibility seriously. That's why all testing services are performed according to customer requirements, industry specifications and our own stringent procedures.



Fastener fatigue test to 100,000 lbs.



Tensile testing to 600,000 lbs.

Full Line of Fastener Testing

Contact us for more information on our many services or to ask for a quote.

Metallurgical Testing

- Macro-etch
- Grain Flow
- Microstructure
- Grain Size
- Plating Thickness
- Surface Contamination
- Alpha Case
- Carburization/Decarburization
- Microhardness

Nondestructive Testing

- Magnetic Particle
- Liquid Penetrant
- Ultrasonic
- X-ray Inspection

Mechanical Testing

- Hardness
- Magnetic Permeability
- Double Shear
- Yield Strength
- Wedge & Axial Tensile
- Proof Load
- Tension Fatigue
- Cone Strip
- Flattening
- Hydrogen Embrittlement

Chemistry

Salt Spray

Failure Analysis

Dimensional Inspection

- Internal & External Threads



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