

HEAT TREAT CAPABILITY

Although most metals are hard and tough by nature, some applications require even more durability. Heat treating processes, such as annealing, normalizing, hardening, and tempering, alter the microstructure and mechanical properties of materials so they can function effectively and withstand specified operating conditions.

Find out if your material will meet all requirements following heat treatment. Laboratory Testing Inc. can perform capability heat treating on test samples and provide all testing for verification to your specifications.

HEAT TREAT CAPABILITY TESTING TO VERIFY UPGRADE

Quick Turnaround and Technical Expertise

LTI has complete in-house capabilities and highly experienced specialists to quickly turn your orders around and get the answers you need. Test procedures conform to ASTM, ASME, ANSI, AMS and MIL standards and specifications.

All The Services You Need

Testing experts and equipment at LTI provide the following:

- Test specimen and sample preparation
- Furnaces to heat treat your samples
- Test services to verify upgrade to AMS or other specifications
- Evaluation of mechanical properties, microstructure, decarburization and more
- Complete post weld heat treatment and analysis



Heat Treat Furnaces

To meet your deadlines, we run a second shift in most departments and continue to expand our heat treat capacity with additional furnaces that can operate 24/7 with automation software.

Materials we routinely heat treat include, but are not limited to:

Alloy Steels	Aluminum Alloys	Inconel 718	15-5
Martensitic Stainless Steels	Copper Alloys	Monel K-500	17-4
Berilium Copper	Hastelloy C	13-8	17-7

Rely on our accreditations, customer approvals and 30 years of experience to know you'll get the quality service and testing you expect. Ask for a quote or more information today!



800-219-9095

Fax: 800-219-9096

E-mail: sales@labtesting.com

2331 Topaz Drive, Hatfield, PA 19440