

Laboratory Testing, Inc.

Company Profile and Quality System Overview

Scope:

The purpose of this document is to provide our customers with information that is frequently asked on questionnaires and survey forms.

Location:

Laboratory Testing, Inc. is located in Hatfield Pennsylvania, approximately 30 miles northwest of Philadelphia, convenient to the Pennsylvania Turnpike northeast extension, Route 476. Directions are available at www.labtesting.com

Address: 2331 Topaz Drive, Hatfield, PA. 19440
Phone: 1-800-219-9095 **Fax:** 1-800-219-9096
E-mail: sales@labtesting.com
Website: www.labtesting.com

Services and Products Provided:

Materials Testing: Nondestructive Testing, Mechanical Testing, Metallography, Chemical Analysis, Failure Analysis and Materials Engineering

Metrology: Calibration, Dimensional Inspection, Field & Repair Services, New Instruments and Parts

Machining: Test specimens, EDM, Low-Stress Grinding, and Specialty Machining

Company Overview:

Since 1984, Laboratory Testing Inc. (LTI) has been providing businesses throughout the world with accurate, affordable testing services. LTI is an independent laboratory specializing in the inspection and analysis of metals and alloys, instrument calibration, test specimen machining, failure analysis and materials engineering, serving all business sectors including: Aerospace, Nuclear, Military, Medical, Automotive and Commercial.



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2331 Topaz Drive, Hatfield, PA

LTI MANAGEMENT

President	Mike McVaugh
Family Council Chairperson	Joan McVaugh
Destructive Testing Manager - Mechanical	Glenn Derstine
Destructive Testing Assistant Manager – Mechanical	Brandon McVaugh
Sales Manager	Rick Heist
Marketing Manager	Sharon Bentzley
Director of Quality	Frank Peszka
Quality Assurance Manager	Ed Deeny
Metrology Manager	Eva Pellow
Director of Metrology	Mike Hiller
Nondestructive Testing Manager	Rich Goodwin
Destructive Testing Manager – Chemical & Metallographic	Lee Dilks
H. R. / Facilities Manager	Tim Snyder
Chief Financial Officer / CPA	Loretta Tubiello-Harr
IT Systems Manager	Mike Sagel

Facilities:

The size and layout of our facilities encompasses approximately 90,000 square feet in three buildings. The facilities allow for efficient and safe processing of large orders and large materials. LTI's chemists, engineers, machinists and certified technicians use computerized, state-of-the-art equipment to provide you with the highest quality services. LTI has an active safety committee and maintains an environmentally-friendly workplace.

<u>Personnel:</u>	<u>Number</u>	<u>Degreed</u>
Company-Wide:	135	
Non-Destructive Examination:	24	1
Mechanical Testing:	14	3
Metallographic & Chemical Testing:	16	9
Metrology:	11	2
Machining:	16	
Quality Assurance:	13	2
Administration, Sales, Marketing, & Support:	31	

Laboratory Testing, Inc. (LTI), in accordance with good practice and Federal law, maintains that no employee or applicant will be discriminated against because of age, marital status, color, race, creed, sex, national origin, sexual orientation, citizenship or disability. LTI employees are not represented by a union.

Accreditations:

PRI / Nadcap* - Performance Review Institute

AC 7006 - ISO/IEC 17025, "General requirements for the competence of testing and calibration laboratories"

Accredited by the Performance Review Institute (PRI)

SAE AC7101/1/2/3/4/5/6/7/9 & AC7110/13 for Materials Testing

Accredited by the Performance Review Institute (PRI)

SAE AC7114 for Nondestructive Testing

Accredited by the Performance Review Institute (PRI), certificate granted by the Nadcap Management Council

*Nadcap is PRI's brand name for the industry-managed program for special processes in the aerospace industry. It is an international program and ensures that Nadcap is recognized for industry-managed world class quality control for special processes.

A2LA - The American Association for Laboratory Accreditation

A2LA has accredited Laboratory Testing, Inc. for technical competence in the field of Calibration. Scope of Accreditation to ISO 17025:2005 & ANSI/NCSL Z540-1-1994
Certificate No. 117.04

A2LA has accredited Laboratory Testing, Inc. for technical competence in the field of Mechanical/Dimensional Testing. Scope of Accreditation to ISO 17025:2005
Certificate No. 117.02

A2LA has accredited Laboratory Testing, Inc. for technical competence in the field of Chemical Testing. Scope of Accreditation to ISO 17025-2005
Certificate No. 117.05

Customer Approvals:

LTI is an approved vendor for Pratt & Whitney, Boeing Company, Bell Helicopter, GE Aircraft Engines, Hamilton Sunstrand, Northrop Grumman, Sikorsky, Eaton Corporation, Augusta, Rolls Royce, Lockheed Martin, Pratt & Whitney, Rocketdyne and many other national corporations.

NUPIC

LTI has been audited by NUPIC, Nuclear Procurement Issues Committee, Conducted June 4 -8, 2012 by a joint audit team, led by Progressive Energy.

NIAC

LTI has been audited by the Nuclear Industry Assessment Committee, NIAC Assessment #15082, performed on September 28 - 30, 2010, conducted by Areva.

Financial and Industry Classifications:

LTI is listed in Dunn & Bradstreet; identification No. is 06-502-6734.

Federal Tax ID No. is 58-1577675

NAICS 541380 – Testing Laboratories

SIC 8734 – Testing Laboratories

CAGE No. 3Y255

Customer Service / Sales:

Sales Manager is Rick Heist

Major customers: Synthes USA, DuBose National Energy Services, Tech Cast Inc., B&G Manufacturing Co., National Institute of Technology, Summerill Tube Co., Tioga Pipe, Defense Supply Center, Consolidated Power Supply, Plymouth Tube Co., KME-Germany AG, Camdel Metals

Typical Lead Time: Dependent on service provided, ranges from 3 days to 2 weeks. Same day, 24 hour and 48 hour turnaround can be provided for many services.

Quality:

Director of Quality is Frank Peszka who reports directly to the President. He is vested with the responsibility, authority and organizational freedom to maintain the quality program and ensure compliance with all customer and regulatory requirements.

LTI maintains a Quality System Program Manual which is available on our website: www.labtesting.com. To view or print a copy of our Quality System Program Manual, click the "Quality Manual" button. Controlled copy holders are advised of changes to this manual.

The Laboratory Testing Incorporated Quality System Program Manual is developed to comply with the following requirements:

- ASME Boiler and Pressure Vessel Code, Section III, Division I, Subsection NCA, (NCA-3800)
- 10CFR50, Appendix B
- ISO/IEC 17025
- ANSI/NCSL Z540-1
- MIL-STD-45662A



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- ISO-10012-1
- AS-9000
- MIL-I-45208A
- ANSI / ASME NQA-1
- AC7101/1/2/3/4/5/6/7/9 & AC7110/13
- AS7003
- AC7114 /1/2/4
- ISO 9001
- ISO/TS 16949
- ISO 13485

LTI's Quality Policy is stated in the Quality System Program Manual as well as being detailed in a procedure.

Personnel: Responsibilities, Qualification & Training

Basic responsibilities and requirements for indoctrination and training of LTI personnel performing testing and calibration activities have been established. Responsibilities are stated in the Quality System Program Manual. Quality Assurance shall ensure that personnel performing functions within the scope of the quality program are trained, qualified and certified, as required.

Internal Audits

Qualified personnel perform audits of each department on an annual basis. The President utilizes an outside qualified auditor to perform audits of the complete quality system.

Management Review

The President performs an annual review of the quality system to determine its adequacy and effectiveness.

Order Entry and Contract Review

Trained personnel in conjunction with department managers, translate customer requirements into LTI documents. Verification is made that the technical requirements are within the scope of LTI's capability and that the appropriate tests and / or calibration methods are selected.

Document Control

Procedures are in place for the review, approval, issuance and maintenance of customer, commercial, military and internal procedures, specifications, standards and drawings.

Identification and Traceability

Detailed requirements are established for marking / identification of material and to maintain traceability from the time LTI receives material, through completion of all operations, to final disposition of the material in accordance with the customer's requirements.

Environment

Controls are in place to insure that all tests, examinations and calibrations are performed in an environment that will not adversely affect the measurement or test results.

Equipment and Instrument Control

All equipment and instruments used for examination, test and calibration are maintained within an accredited calibration program that complies with ISO/IEC 17025, ANSI/NCSL Z540-1, ISO 10012-1, MIL-STD-45662, ANSI N45.2 and NQA-1.

Examination, Test, Calibration services and Specimen preparation

Examinations, tests, calibration services and specimen preparation are performed in accordance with detailed written procedures by qualified personnel.

Nonconforming items and Corrective Action

Detailed procedures have been established for the identification, segregation and control of nonconforming items and to take appropriate corrective action to prevent recurrence.

All work completed at LTI is subject to the requirements of 10CFR21. This document and the procedure for compliance has been posted within the facility and personnel have been advised of the requirements.

Handling, Storage, Preservation and Shipment

Procedures and controls are in place to prevent damage and deterioration of material and instruments within LTI's facility and to ensure their safe return to the customer.

Test Reports and Certifications

Test Reports and certifications are prepared by the Q. A. department upon completion and review of all testing, dimensional inspection and calibration results. These documents accurately describe the item(s), are legible, reproducible, and comply with all customer requirements.

Control of Records

Quality records are controlled in accordance with detailed procedures to preclude deterioration and to be readily retrievable.

Quality records are maintained for a minimum of 10 years.

Test specimens are retained for a minimum of 30 days.

Supplier Evaluation and Procurement Control

All vendors supplying material or services that affect quality shall be approved prior to procurement, on the basis of a review of their accreditations, an audit of their quality program and/ or satisfactory performance.

Procurement documents include appropriate technical and quality requirements. Compliance to purchase order requirements is verified upon receipt of the item or service.

Corrective Action, Preventative Action & Continuous Improvement

Procedures are in effect to address conditions adverse to quality and to continually improve processes in order to meet customer requirements and expectations.

This program includes the timely response to customer complaints and feedback and to ensure customer satisfaction.



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Customer Access:

Customers are encouraged to visit our facility.

Arrangements for audits shall be made with our quality department.

Frank Peszka - 215-716-7410, fpeszka@labtesting.com

Sherri Scheifele - 215-716-7411, sscheifele@labtesting.com

Brian Gorney - 215-716-7400, bgorney@labtesting.com

Ed Deeny - 215-997-3909, edeeny@labtesting.com

Hold and witness points shall be specified in your purchase order.

Government Quality Representative:

An itinerant Quality Assurance Representative (QAR) from DCMA Philadelphia maintains an office at Laboratory Testing, Inc.