



*In accordance with SAE Aerospace Standard AS7003, to the revision in effect at the time of the audit, this certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## **Laboratory Testing Inc.**

*2331 Topaz Drive  
Hatfield, PA 19440*

*They have demonstrated conformance and are awarded accreditation for the test methods listed in the Scope of Accreditation to the revision in effect at the time of the assessment for*

### **ISO/IEC 17025**

*This certificate expiration is updated based on periodic audits.  
The current expiration date and scope of accreditation are listed at:  
[www.eAuditNet.com](http://www.eAuditNet.com) – ISO/IEC 17025 QML (Qualified Manufacturer Listing)  
Certified Since: January 20, 2005*

*William G. Wagner, Vice President and General Manager*

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*Performance Review Institute (PRI) 161 Thorn Hill Road Warrendale, PA 15086-7527*

## Supplier Details

**Search Results**

[All Certs](#)

**Supplier name:** Laboratory Testing Inc. **Active Suppliers:** True

**Laboratory Testing Inc.**, 2331 Topaz Drive, Hatfield, Pennsylvania19440, United States

Phone: 800-219-9095, Fax: 800-219-9096

[Show all scopes](#)

**MTL (Materials Testing)**

**Issue Date**

**Expiry Date**

07-Sep-11

30-Apr-13

Hide scopes

**Supplier has merit for above audit**

AC7101/3 Rev B - Nadcap Audit Criteria for Materials Test Laboratories - Mechanical Testing (to be used before 28 August, 2011)

- ↳(N)Impact
- ↳(A)Room Temperature Tensile
- ↳(C)Stress Rupture
- ↳(XN)Bend Testing
- ↳(B)Elevated Temperature Tensile

AC7101/9 Rev A - Nadcap Audit Criteria for Materials Test Laboratories - Heat Treating (to be used before 28 August, 2011)

- ↳(XG) Heat Treating

AC7110/13 Rev A - Nadcap Audit Criteria for Metallographic Evaluation of Welds

- ↳Metallurgical Evaluation of Welder / Welding Operator Qualifications (identify if this process is used)
- ↳Metallurgical Evaluation of Fusion Welds (identify if this process is used)

AC7101/7 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories - Mechanical Testing Specimen Preparation (to be used before 28 August, 2011)

- ↳(Z)Standard Specimen Machining

AC7101/2 Rev B - Nadcap Audit Criteria for Materials Test Laboratories - Chemical Testing (to be used before 28 August, 2011)

- ↳(G4)Elemental Analysis - Oxygen
- ↳(G1)Elemental Analysis - Carbon
- ↳Mg Base
- ↳Ti Base
- ↳(G2)Elemental Analysis - Hydrogen
- ↳Cu Base
- ↳(F2)Atomic Emission Spectroscopy - Inductively Coupled Plasma (ICP)
- ↳(V)Mass Spectroscopy
- ↳Fe Base, Low Alloy
- ↳(F3)Atomic Emission Spectroscopy - Spark/Arc (OES)
- ↳Fe Base, High Alloy
- ↳(D) Wet Chemistry(Gravimetric)
- ↳Co Base
- ↳Ni Base
- ↳Al Base
- ↳(G3)Elemental Analysis - Nitrogen
- ↳(G5)Elemental Analysis - Sulfur

AC7101/6 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories - Corrosion (to be used before 28 August, 2011)

- ↳(Q)Corrosion (General)

Lab Type - Lab Type

- ↳Independent

AC7101/5 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories - Hardness (to be used before 28 August, 2011)

- ↳(M2)Rockwell Hardness
- ↳(M3)Vickers Hardness
- ↳(M1)Brinell Hardness

AC7101/4 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microhardness (to be used before 28 August, 2011)

- ↳(L1)Microhardness
- ↳(L9)Near Surface Examinations - Alpha Case: Castings
- ↳(L8)Near Surface Examinations - Alpha Case: Wrought
- ↳(L)Metallography (General)
- ↳(XL)Metallography (Macro)
- ↳(L5)Near Surface Examinations - Microhardness
- ↳(L7)Near Surface Examinations - IGA/IGO

AC7101/1 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories - General Requirements for All Laboratories (to be used before 28 August, 2011)

AC7006 Rev G - Audit Criteria Equivalent to ISO/IEC 17025

↳Chemical Analysis

- ↳CH- Wet Chemistry (Chemical Analysis of Nickel-Copper Alloys) / ASTM E76
- ↳CH- Elemental Analysis (Combustion or Fusion) – Nitrogen / ASTM E1409
- ↳CH- OES Analysis of Steel Products / ASTM A751
- ↳CH- Inductively Coupled Plasma (ICP)
- ↳CH- OES Analysis of Stainless Steel by the Point-To-Plane Excitation Technique / ASTM E1086
- ↳CH- Elemental Analysis (Combustion or Fusion) – Carbon / ASTM E1941
- ↳CH- Analysis of Titanium and Titanium Alloys by Atomic Emission Plasma Spectrometry / ASTM E2371
- ↳CH- OES Analysis of Aluminum and Aluminum-Base Alloys / ASTM E34
- ↳CH- Chemical Analysis of High-Temperature, Electrical, Magnetic and Other Similar Iron Nickel and Cobalt Alloys / ASTM E354
- ↳CH- Wet Chemistry (Chemical Analysis of Steel Products) / ASTM A751
- ↳CH- Wet Chemistry / ASTM E352
- ↳CH- OES Analysis of Stainless Steel / ASTM E327
- ↳CH- Elemental Analysis (Combustion or Fusion) – Oxygen / ASTM E1019
- ↳CH- OES-Analysis/ ASTM E456
- ↳CH- OES Analysis of Carbon Alloy Steel / ASTM E415
- ↳CH- Fusion Method for Oxygen in Titanium / ASTM E1409
- ↳CH- Elemental Analysis (Combustion or Fusion) – Oxygen / ASTM E1409
- ↳CH- Wet Chemistry (Chemical Analysis of Titanium and Titanium Alloys) / ASTM E120
- ↳CH- Wet Chemistry / ASTM E354
- ↳CH- Chemical Analysis of Tool Steels and Other Similar Medium and High-Alloy Steels / ASTM E352
- ↳CH- OES-Analysis/ ASTM E59
- ↳CH- Wet Chemistry (Chemical Analysis of Aluminum and Aluminum-Base Alloys) / ASTM E34
- ↳CH- OES Analysis of Carbon and Low-Alloy Steel / ASTM E415
- ↳CH- Elemental Analysis (Combustion or Fusion) – Sulfur / ASTM E1019
- ↳CH- Elemental Analysis (Combustion or Fusion) – Carbon / ASTM E1019
- ↳CH- Chemical Analysis of Stainless, Heat-Resisting, Maraging and Other Similar Chromium-Nickel-Iron Alloys / ASTM E353
- ↳CH- Atomic Emission Spectroscopy – Inductively Coupled Plasma (ICP) / ASTM E1479
- ↳CH- OES-Analysis/ ASTM E718
- ↳CH- Elemental Analysis (Combustion or Fusion) – Nitrogen / ASTM E1937
- ↳CH- Wet Chemistry / ASTM E350
- ↳CH- OES Analysis of Stainless Steel / ASTM E1086
- ↳CH- ICP Mass Spectroscopy
- ↳CH- Chemical Analysis of Copper Alloys / ASTM E478
- ↳CH- OES-Analysis / ASTM E876
- ↳CH- Elemental Analysis (Combustion or Fusion) – Hydrogen / ASTM E1447
- ↳CH- OES Analysis of Aluminum and Aluminum Alloys by the Argon Atmosphere Point-To-Plane, Unipolar Self-Initiating Capacitor Discharge / ASTM E1251
- ↳CH- Wet Chemistry (Chemical Analysis of Steel, Cast Iron, Open-Hearth Iron and Wrought Iron) / ASTM E30

- CH- Chemical Analysis of Cast Iron – All Types / ASTM E351
- CH- Elemental Analysis (Combustion or Fusion) – Nitrogen / ASTM E1019
- CH- Wet Chemistry / ASTM E353
- CH- Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron and Wrought Iron / ASTM E350
- CH- OES Analysis of Aluminum Alloys / ASTM E227
- Mechanical Testing
  - M- Metallography – Grain Size (Nickel Alloys) / GE E50TF133
  - M- Metallography – Decarburization / ASTM E3
  - M- Tensile Strength / NASM1312-8
  - M- Metallography – Measuring Case Depth / SAE J423
  - M- Hardness Testing – Brinell Hardness / ASTM E10
  - M- Fastener Test Methods, Elevated Temperature Tensile Strength / NASM 1312-18
  - M- Metallography – Grain Size (Nickel Alloys) / ASTM E930
  - M- Hardness / NASM1312-6
  - M- Metallography – Effective Case Depth / ASTM E18
  - M- Tensile Testing Fasteners MTP / ASTM E8
  - M- Salt Spray (Fog) / ASTM B117
  - M- Metallography – Macroetching / ASTM E3
  - M- Microhardness Testing, Knoop / ASTM E384
  - M- Carbide Network / ASTM A262 Practice A
  - M- Guided Bend Test for Ductility of Welds / ASTM E190
  - M- Stress Rupture / Stress Durability (Evaluation of Plating Processes for Hydrogen Embrittlement) / ASTM E292
  - M- Bend Testing / ASTM E290
  - M- Metallography – IGA/IGO
  - M- Room Temperature Tensile with elastic (Young's) modulus / EN 2002-1 (without modulus)
  - M- Carbide Network – Decarburization / ASTM E1077
  - M- Metallography – Effective Case Depth / ASTM E92
  - M- Tensile Testing Fasteners MTP / ASTM F835
  - M- Stress Rupture / ASTM E139
  - M- Hardness Testing – Rockwell Hardness / ASTM E18
  - M- Metallography – Grain Size (Nickel Alloys) / ASTM E112
  - M- Room Temperature Tensile / ASTM E8
  - M- Metallography – Macroetching / ASTM E340
  - M- Tensile Testing Fasteners MTP / ASTM F606
  - M- IGA and End Grain Pitting / ASTM E3
  - M- Fastener Testing / ASTM A370
  - M- Metallography – Macroetching / ASTM E381
  - M- Metallography – Intergranular Attack / ASTM A262, Practice A & E
  - M- Compression / ASTM E9
  - M- Metallography – Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of a Cross Section / ASTM B487
  - M- Metallography – General / ASTM E112
  - M- Metallography – Alpha Case / ASTM E3
  - M- Metallography – Decarburization / ASTM E384
  - M- Metallography – Microcleanliness / ASTM E45
  - M- Room Temperature Tensile (Standard Test Methods of Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products) / ASTM B557
  - M- Elevated Temperature Tensile / ASTM E21
  - M- IGA and End Grain Pitting / BSS 7219
  - M- Metallography – Alpha Case / ASTM E407
  - M- Room Temperature Tensile / NASM1312-8
  - M- Charpy Impact / ASTM E23
  - M- Metallography – General / AMS 2315
  - M- Stress Durability / NASM1312-5
  - M- Thickness of Metallic Coatings / NASM1312-12
  - M- Metallography – Alpha Case / PWA E142
  - M- Metallography – Grain Size / ASTM E1181

- M- Metallography – Microetching / ASTM E407
- M- Fastener Testing / ASTM F606
- M- Metallography – Effective Case Depth / ASTM E384
- M- Metallography – Alpha Case: Wrought / AMS T9046
- M- Salt Spray / ASTM A262 Practice A, B, C, E
- M- Tensile Testing Fasteners MTP / NASM 1312–8
- M- Metallography – General / ASTM E45
- M- Metallography – Microscopic Determination of Inclusions in Steels / SAE J422
- M- Microhardness Testing, Vickers / ASTM E384
- M- Fastener Testing / SAE J429
- M- Metallography – Grain Size / ASTM E930
- M- Metallography – Braze Evaluations / Various ASME, ANSI, AWS, and Mil Stds
- M- Stress Rupture / ASTM E292
- M- Hardness Testing – Vickers (Macro) / ASTM E92
- M- Metallography – Decarburization / ASTM E2
- M- Metallography – Alpha Case / GE P3TF19
- M- Metallography – Grain Size / ASTM E1382 0 M- Metallography – Grain Size / ISO 643
- M- Stress Rupture / NASM1312–10
- M- Microhardness / ASTM B578
- M- Metallography – Inclusion Rating / ASTM E45
- M- Metallography – Oxidation
- M- Tensile Testing Fasteners MTP / ASTM
- M- Tension Test of Metallic Foil / ASTM E345
- M- Metallography – Grain Size / ASTM E112

AC7006 Rev G - Audit Criteria Equivalent to ISO/IEC 17025

Non-Destructive Testing

- Z- Liquid Penetrant Inspection / ASTM E1417
- Z- Magnetic Inspection / ASTM E1444
- Z- Ultrasonic Inspection / AMS 2154

Issue Date  
17-May-12

Expiry Date  
31-Jul-14

**Supplier has merit for above audit**

**Note:** The specifications and processes shown were identified by the processor as controlled to the Nadcap Audit Criteria and available for auditing, however, the Nadcap audit uses a sampling process and cannot confirm that the requirements of any given specification are fully met by the supplier