



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:

Tensile Testing Metallurgical Lab

4520 Willow Parkway
Cuyahoga Heights, Ohio 44125

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

Materials Testing

Expiration Date: October 31, 2010
Certificate No. 125111
Issued: August 13, 2008

William G. Wagner, Managing Director



Administered by PRI

SCOPE OF ACCREDITATION

Materials Testing

Accreditation Date: August 13, 2008

Audit# 125111

Expiration Date: October 31, 2010

Certificate# 125111

Tensile Testing Metallurgical Lab

4520 Willow Parkway

Cuyahoga Heights, Ohio 44125

Jeffry Smith - Quality Assurance Manager

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7101/1 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories - General Requirements for All Laboratories (to be used on audits on or BEFORE 16-Nov-08)

AC7101/2 Rev B - Nadcap Audit Criteria for Materials Test Laboratories - Chemical Testing

(F3)Atomic Emission Spectroscopy - Spark/Arc (OES)

(G1)Elemental Analysis - Carbon

(G2)Elemental Analysis - Hydrogen

(G3)Elemental Analysis - Nitrogen

(G4)Elemental Analysis - Oxygen

(G5)Elemental Analysis - Sulfur

Al Base

Cu Base

Fe Base, High Alloy

Fe Base, Low Alloy

Ni Base

Ti Base

AC7101/3 Rev B - Nadcap Audit Criteria for Materials Test Laboratories - Mechanical Testing

(A)Room Temperature Tensile

(C)Stress Rupture

(N)Impact

(P)Fracture Toughness

(XN)Bend Testing

Americas

+1 724 772 1616

Asia

www.pri-network.com

Europe

+44 870 350 5011

**AC7101/4 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories -
Metallography and Microhardness**

- (L)Metallography (General)
- (L1)Microhardness
- (L3)Near Surface Examinations - Oxidation
- (L5)Near Surface Examinations - Microhardness
- (L6)Near Surface Examinations - Diffusion Coatings
- (L7)Near Surface Examinations - IGA/IGO
- (L8)Near Surface Examinations - Alpha Case: Wrought
- (XL)Metallography (Macro)

**AC7101/5 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories -
Hardness**

- (M1)Brinell Hardness
- (M2)Rockwell Hardness

**AC7101/6 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories -
Corrosion**

- (Q)Corrosion (General)
- (Q1) Stress Corrosion

**AC7101/7 Rev B - Nadcap Audit Criteria for Materials Testing Laboratories -
Mechanical Testing Specimen Preparation**

- (Z)Standard Specimen Machining
- (Z3)Cast Specimens
- (Z4)Special Preparation

**AC7101/9 Rev A - Nadcap Audit Criteria for Materials Test Laboratories -
Heat Treating**

- (XG) Heat Treating

AC7110/13 Nadcap Audit Criteria for Metallographic Evaluation of Welds

- Evaluation of Fusion Welds
- Evaluation of Resistance Welds
- Evaluation of Welder / Welding Operator Qualifications

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