



SCOPE OF ACCREDITATION

Materials Testing

Arrow Laboratory Inc
1333 N Main
Wichita, KS 67203

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

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

AC7101/1 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used before 14 Sept 2014)

AC7101/2 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Chemical Analysis (to be used on/after 28 August, 2011)

- (D) Wet Chemistry (Gravimetric, Volumetric, Colorimetric or Titration))
- (F2) Atomic Emission Spectroscopy – Inductively Coupled Plasma (ICP–OES/AES)
- (G1) Elemental Analysis – Carbon
- (G5) Elemental Analysis – Sulfur

Specify the Alloy Base for Accreditation

- Al Base
- Fe Base, High Alloy
- Fe Base, Low Alloy
- Ni Base

AC7101/3 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Mechanical Testing (to be used on/after 28 August, 2011)

- (A) Room Temperature Tensile

AC7101/4 Rev D - Nadcap Audit Criteria for Materials Test Laboratories – Metallography and Microindentation Hardness (to be used on/after 28 August, 2011)

- (L) Metallography (General)
- (L1) Microindentation (Interior)
- (L5) Near Surface Examinations – Microindentation (Surface)
- (LS) Micro: Surface Conditions
 - (L10) Near Surface Examinations – Carburization
 - (L3) Near Surface Examinations – Oxidation/Corrosion
 - (L6) Near Surface Examinations – Nitriding
 - (L7) Near Surface Examinations – IGA, IGO

AC7101/5 Rev C - AC7101/5 – Nadcap Audit Criteria for Materials Test Laboratories – Hardness Testing (Macro) to be used on/after 28 August, 2011)

(M1) Brinell Hardness
(M2) Rockwell Hardness

AC7101/6 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Corrosion (to be used on/after 28 August, 2011)

(Q) Corrosion (General)

AC7101/7 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Mechanical Testing Specimen Preparation

(Z) Standard Specimen Machining

AC7110/13 Rev B - Nadcap Audit Criteria for Evaluation of Welds to be used ON OR AFTER 5 MAY 2013

DO NOT CHECK – INFORMATION ONLY – IF YOU ARE SELECTING THE AC7110/13 CHECKLIST YOU MUST ALSO SELECT AC7101/4 – Nadcap Audit Criteria for Materials Test Laboratories – Metallography and Microhardness

Supplement A – Metallurgical Evaluation of Welder / Welding Operator Qualifications (identify if this process is used)

Supplement B – Metallurgical Evaluation of Fusion Welds (identify if this process is used)

Supplement E – Bend Test Evaluation of Fusion Welds (for other testing purposes)

Supplement E – Bend Test Evaluation of Welder/Welding Operator Qualification Welds

AC7110/13S Rev C - Nadcap Supplemental Audit Criteria for Evaluation of Welds to be used on audits ON OR AFTER 5 May 2013

U11 The Boeing Company

U13 Bombardier

Lab Type - Lab Type

Independent