

## SCOPE OF ACCREDITATION

### Materials Testing Laboratories

**Elgiloy Specialty Metals**  
One Hawk Road  
Hampshire, IL 60140

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) - 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:

#### AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

#### AC7101/1 Rev H - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/AFTER 10-Dec-2023)

#### AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)

(A) Room Temperature Tensile  
(XN) Bend Testing

#### AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories – Metallography and Microindentation Hardness (to be used on/after 14 August, 2016)

(L0) Metallographic Evaluation  
(L1) Microindentation (Interior)  
(L11) Grain Size  
(L12) Inclusion Rating  
(L2) Near Surface Examinations – Alloy Depletion  
(L7) Near Surface Examinations – IGA, IGO  
(L8) Near Surface Examinations – Alpha Case: Wrought Titanium

#### AC7101/5 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – Hardness Testing (Macro) (to be used on audits on/AFTER 07-May-2023)

(M2) Rockwell Hardness

#### AC7101/6 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Corrosion (to be used on/after 1 July 2018)

(Q1) Detecting susceptibility to intergranular attack in austenitic stainless steel  
(Q1–1) Oxalic Acid Etch Test  
(Q1–4A) Copper–Copper Sulfate– 16% Sulfuric Acid Test “Strauss test” (bend test)

**AC7101/7 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing Specimen Preparation (to be used on audits on/after 15 May 2016)**

(Z) Standard Specimen Machining

**AC7101/9 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories – Specimen Heat Treating (to be used on audits BEFORE 07-Sep-2025)**

**AC7101/14 Rev NA - Nadcap Audit Criteria for Materials Testing Laboratories – Proficiency Testing and Internal Round Robin Requirements for ALL Laboratories (to be used on audits on/AFTER 10-Dec-2023)**

**AC7102/8 Rev B - Nadcap Audit Criteria for Heat Treating - Pyrometry (to be used on audits BEFORE 20-Jul-2025)**

IF YOU ARE SELECTING THE AC7102/8 CHECKLIST YOU MUST ALSO SELECT AC7101/9 – Nadcap Audit Criteria for Materials Testing Laboratories – Specimen Heat Treating

NOTE: AC7102/8 is required for laboratories who do not use a Load Sensor during the specimen heat treating operation.

Pyrometry – Industry Specs

AMS 2750

**ISO/IEC - Currently accredited by an ILAC approved source**

**Lab Type - Lab Type**

Captive