

## SCOPE OF ACCREDITATION

### Materials Testing Laboratories

**Cambridge Materials Testing Ltd**  
1177 Franklin Blvd  
Cambridge, ON N1R 7W4  
Canada

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:

#### **AC7101/1 Rev G - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/after 5 May 2019)**

#### **AC7101/2 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Chemical Analysis (to be used on audits before 30 August 2020)**

(F) Atomic or Optical Emission Spectroscopy (AES or OES)

(F2) Atomic Emission Spectroscopy – Inductively Coupled Plasma (ICP–OES/AES)

(G) Elemental Analysis (Combustion or Fusion)

(G1) – Carbon

(G2) – Hydrogen

(G3) – Nitrogen

(G4) – Oxygen

(G5) – Sulfur

Specify the Alloy Base for Accreditation

Al Base

Fe Base

Ti Base

#### **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

(N) Impact

#### **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)

(L10) Near Surface Examinations – Carburization / Decarburization

(L11) Grain Size

(L12) Inclusion Rating

(L2) Near Surface Examinations – Alloy Depletion

(L5) Near Surface Examinations – Microindentation (Surface–Case Depth)

(L7) Near Surface Examinations – IGA, IGO

**AC7101/5 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Hardness Testing (Macro) (to be used on audits on/after 22 March 2015)**

(M2) Rockwell Hardness

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

(Q) Salt Spray

**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

**Lab Type - Lab Type**

Independent