TESTING LABORATORY
ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

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Legal Name of Accredited Laboratory:	**Element Materials Technology Canada Inc.**
Location Name or Operating as (if applicable):	Cambridge
Contact Name:	Roger Graham
Address:	15 High Ridge Court Cambridge, Ontario N1R 7L3
Telephone:	+1 519-621-8191
Fax:	+1 519-621-7700
Website:	www.element.com
Email:	roger.graham@element.com

SCC File Number:	15012
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical Mechanical/Physical
Initial Accreditation:	1983-04-12
Most Recent Accreditation:	2026-08-12
Accreditation Valid to:	2031-04-12

METALLIC ORES AND PRODUCTS

Articles of Metal:

Cast, Forged, Welded or Pressed Metal Components (Chemistry)

CHEM-21	Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel, Iron, Nickel, and Cobalt Alloys by Various Combustion and Inert Gas Fusion Techniques (modified ASTM E1019)
CHE-1	Chemical Analysis of Carbon, Low-Alloy & Stainless Steel and Aluminum and Aluminum Alloys by OES (Optical Emission Spectroscopy) Quantitative Analysis of: (ASTM E1251, E1086 & E415) Aluminum Alloys Carbon and Low Alloy Steels
CHEM-1007	Analysis of Metals and Metal Alloys - THERMO iCAP PRO XP (modified ASTM D1976): Steel and Steel Alloys: Aluminum (Al), Boron (B), Cobalt (Co), Chromium (Cr), Copper (Cu), Manganese (Mn), Molybdenum (Mo), Niobium (Nb), Nickel (Ni), Phosphorus (P), Sulfur (S), Silicon (Si), Titanium (Ti), Vanadium (V), Tungsten (W) Copper and Copper Alloys: Aluminum (Al), Cobalt (Co), Iron (Fe), Manganese (Mn), Nickel (Ni), Phosphorus (P), Lead (Pb), Antimony (Sb),Silicon (Si), Tin (Sn), Zinc (Zn)

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CHEM-20	Analysis of Oxygen, Nitrogen and Hydrogen by Eltra ONH2000 Combustion (ASTM E1409, E1447, modified ASTM E1937, & modified ASTM E1019) Analysis of Hydrogen in Steel and Ferrous Alloy Carbon and Low Alloy Steels Cast Irons Cobalt Alloys Nickel Alloys Stainless Steel Titanium and Titanium Alloys Tool Steels

Cast, Forged, Welded or Pressed Metal Components (Mechanical)

ASTM A370, ASTM B557/557M, ASTM E8/E8M	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Except for: Annexes 2 and 10
ASTM E10	Standard Test Method for Brinell Hardness of Metallic Materials
ASTM E23	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials

Cast, Forged, Welded or Pressed Metal Components (Metallography)

ASTM A923/ASTM A1084	Standard Test Methods for Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials

Number of Listings: 09

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories.

ASTM: American Society for Testing and Materials

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This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at scc-ccn.ca.

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