



Standards Council of Canada
Conseil canadien des normes

SCOPE OF ACCREDITATION

Element Materials Technology Canada Inc.
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Accredited Laboratory No. 1
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Chemical/Physical, Mechanical/Physical

INITIAL ACCREDITATION DATE: 1981-06-01

SCOPE ISSUED ON: 2019-04-22

ACCREDITATION VALID TO: 2021-06-01

CHEMICALS AND CHEMICAL PRODUCTS

Chemical Compounds: (not elsewhere specified)

Liquid

BATS 5170	Copper, Quantitative Test
BATS 5180	Silica, Quantitative Test
BSS 7245	Phosphoric Acid Anodizing Solutions, Analysis of Chloride Test ACS 10th Ed., Chloride Test on Phosphoric Acid
Exova SOP 12-13-SP-2396	Determination of Trace Metals in Plating Bath Solutions and other Liquid Samples by ICP-OES

ELASTOMERS AND PROTECTIVE AND OTHER COATINGS

Adhesives (Organic Resins) and Glues:

Adhesives

ASTM D1000	Standard Test Method for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications Only for: Flagging and Bond Strength after Solvent Immersion
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Paints; Varnishes; Inks; Coatings; and Allied Products:

Paints and Protective Coatings

ASTM D1331	Standard Test Methods for Surface and Interfacial Tension of Solutions of Paints, Solvents, Solutions of Surface-Active Agents and Related Materials Only for: Method A
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Plastics; Resins and Rubbers:

Plastics

ASTM D1238	Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer Only for: Method A
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ASTM D1505	Standard Test Method for Density of Plastics by the Density-Gradient Technique
ASTM D2344/D2344M	Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates
ASTM D256	Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics Only for: Method A
ASTM D570	Standard Test Method for Water Absorption of Plastics
ASTM D618	Standard Practice for Conditioning Plastics for Testing
ASTM D6226	Standard Test Method for Open Cell Content of Rigid Cellular Plastics
ASTM D638	Standard Test Method for Tensile Properties of Plastics
ASTM D696	Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30°C and 30°C With a Vitreous Silica Dilatometer
ASTM D790	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D792	Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement Except for: Method B
ASTM D882	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
EN 2243-1	Aerospace series. Non-metallic materials. Structural adhesives. Test method. Single lap shear
EN 2243-2	Aerospace series. Non-metallic materials. Structural adhesives. Test method. Peel metal-metal
EN 2243-3	Aerospace series. Non-metallic materials. Structural adhesives. Test method. Peeling test metal-honeycomb core
EN 2563	Aerospace Series: Carbon-fibre reinforce plastics. Unidirectional Laminates: Determination of the Apparent Interlaminar Shear Strength
ISO 11357-1	Plastics: Differential Scanning Calorimetry (DSC): Part 1 - General Principles
ISO 11357-2	Plastics: Differential Scanning Calorimetry (DSC): Part 2 - Determination of glass transition temperature and glass transition step height
ISO 11357-5	Plastics: Differential Scanning Calorimetry (DSC): Part 5 - Determination of characteristic reaction-curve temperatures and times, enthalpy of reaction and degree of conversion

Resins and Rubbers

ASTM D1002	Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
ASTM D2240	Standard Test Method for Rubber Property-Durometer Hardness
ASTM D3330/D3330M	Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape
ASTM D3652/D3652M	Standard Test Method for Thickness of Pressure-Sensitive Tapes
ASTM D3759/D3759M	Standard Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape
ASTM D3767	Standard Practice for Rubber-Measurement of Dimensions
ASTM D395	Standard Test Methods for Rubber Property-Compression Set
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension Only for: Method A
ASTM D429	Standard Test Methods for Rubber Property-Adhesion to Rigid Substrates
ASTM D624	Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D746	Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
IGC 04-26-270	Sandwich Adhesive and Laminates: Determination of Peeling Strength: Climbing Drum Test
IGC 04-26-346	Adhesives: Composite-Composite Shear Test

Notes:

ASTM: American Society of Test Methods

BATS: Bombardier Aerospace Test Standard

BS: British Standards Institute

BSS: Boeing Specification Support Standard

ISO: International Standards Organization

ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories

IGC: Instruction Générale de Contrôle

EN: European Standard

Elias Rafoul, Vice President
Accreditation Services

Date: 2019-04-22

Number of Scope Listings: 38
SCC 1003-15/1
Partner File #0
Partner: None