Miami-Dade County, Florida
Building Code Compliance Office
Suite 1603
140 West Flagler Street
Miami, Florida 33130-1563
(305) 375-2901
Fax (305) 375-2908

Lab Certificate

MIAMI-DADE COUNTY APPROVED

This certifies that Exova Canada, Inc. located at 2395 Speakman Drive, Mssissauga, ON L5K 1B3, Canada is an approved Testing Laboratory in accordance with Miami-Dade County Building Code Compliance and Protocol TAS301-94, and is Certified to perform the following tests:

Standard Council of Canada Certificate No. 1

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Building Code Compliance Office per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Doug McDougall, P.E.

This Certification and Registration Approved: ***September 09, 2009***
This Certification and Registration Expires : **November 20, 2013**

Certification No. : **09-0806.09**

Jaime D. Gascon, P.E.
Chief
Product Control Division

Americo Segura
BCC-Quality Assurance Supervisor
Product Control Division

The Miami-Dade County Building Code Compliance Office reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

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Standards Council of Canada
Conseil canadien des normes
200-270, rue Albert St.
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Canada

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SCOPE OF ACCREDITATION

Exova Canada Inc.
MISSISSAUGA LABORATORY
2395 Speakman Drive
Mississauga, ON
L5K 1B3

Accredited Laboratory No. 1
(Conforms with requirements of CAN-P-4E (ISO/IEC 17025:2005))

CONTACT:	Ms. Lisa Kane
TEL:	(905) 822-4111 Ext. 325
FAX:	(905) 823-1446
EMAIL:	lisa.kane@exova.com
CLIENTS SERVED:	All interested parties
FIELDS OF TESTING:	Chemical/Physical, Electrical/Electronic, Mechanical/Physical, Thermal & Fire Resistance
ISSUED ON:	2009-07-23
VALID TO:	2014-06-01

CONSTRUCTION

Construction Materials

ASTM D1623	Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
ASTM D2126	Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging
ASTM D2842	Standard Test Method for Water Absorption of Rigid Cellular Plastics
ASTM D4216	Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) And Related PVC and Chlorinated Poly (Vinyl Chloride) (CPVC) Building Products Compounds
ASTM D4226	Standard Test Methods for Impact Resistance of Rigid Poly (Vinyl Chloride) (PVC) Building Products Except for: ASTM D178, ASTM D374

ASTM D6109	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber Except for: ASTM D5947
ASTM D648	Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D6662	Standard Specification for Polyolefin Based Plastic Lumber Decking Boards Except for: ASTM D6112, ASTM D6341, ASTM E108
ASTM D7031	Standard Guide for Evaluating Mechanical and Physical Properties of Wood-Plastic Composite Products Except for: ASTM C1308, ASTM D1413, ASTM D143, ASTM D1761, ASTM D2017, ASTM D2047, ASTM D2394, ASTM D2395, ASTM D2481, ASTM D3345, ASTM D4060, ASTM D4442, ASTM D4761, ASTM D5379, ASTM D5764, ASTM E108, ASTM F1679, AWPA Standard E1, AWPA Standard E7
ASTM D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails) Except for: ASTM D1413, ASTM D1761, ASTM D198, ASTM D2017, ASTM D2047, ASTM D2394, ASTM D3345, ASTM D4761, ASTM D5764, ASTM E108, ASTM F1679, AWPA Standard E1, AWPA Standard E10
ASTM E196	Gravity Load Testing of Floors and Flat Roofs
ASTM E2353	Standard Test Methods for Performance of Glass in Permanent Glass Railing Systems, Guards, and Balustrades Except for: ASTM E2025
ASTM E2358	Standard Specification for the Performance of Glass in Permanent Glass Railing Systems, Guards, and Balustrades Except for: ASTM E2025
ASTM E455	Static Load Testing of Floor or Roof Diaphragm Constructions for Buildings
ASTM E529	Conducting Flexural Tests on Beams and Girders for Building Construction
ASTM E564	Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction Except for: ASTM E695, ASTM E2322
ASTM E73	Static Load Test of Truss Assemblies
ASTM E894	Standard Test Method for Anchorage of Permanent Metal Railing Systems and Rails for Buildings Except for: ASTM E488
ASTM E935	Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings Except for: ASTM E4
ASTM E985	Standard Specification for Permanent Metal Railing Systems and Rails for Buildings
ASTM E987	Standard Test Methods for Deglazing Force of Fenestration Products (Superseded)

ASTM F970	Standard Test Method for Static Load Limit Except for: ASTM F1914, ASTM F387
CAN/CSA S16.1	Limit States Design of Steel Structures
CAN/CSA-S269.2	Access Scaffolding for Construction Purposes
CSA A370	Connectors for Mansory
CSA S136	North American Specification for Design of Cold-Formed Steel Structural Members
CSSBI 12M	Standard for Composite Steel Deck
CSSBI S2	Criteria for the Testing of Composite Slabs
CSSBI S5	Guide Specification for Wind Bearing Steel Studs

(Concrete)

ASTM C297/C297M	Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions Except for: ASTM D3039/D3039M, ASTM C792, ASTM D2734, ASTM D3171, ASTM D5229/D5229M, ASTM E4
ASTM C67	Standard Test Method for Sampling and Testing Brick and Structural Clay Tile

(Flammability)

ASTM C1485	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using an Electric Radiant Heat Energy Source
ASTM D3675	Test Method for Surface Flammability of Flexible Cellular Materials, Using a Radiant Heat Energy Source
ASTM E1354	Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM E136	Standard Test Method for Behaviour of Materials in a Vertical Tube Furnace at 750°C
ASTM E162	Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source
ASTM E648 and NFPA 253	Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
ASTM E662 and NFPA 258	Test Method for Specific Optical Density of Smoke Generated by Solid Materials
ASTM E84	Test Method for Surface Burning Characteristics of Building Materials Except for: ASTM D4442, ASTM D4444, ASTM E160, ASTM E286, ASTM E69
ASTM E970	Exposed Attic Floor Insulation Using an Electric radiant Heat Energy Source
Boeing BSS 7239	Test Method for Toxic Gas Generation by Materials on Combustion
Bombardier SMP 800-C	Test Method for Toxic Gas Generation by Materials on Combustion

CAN/ULC-S102	Test Method for Surface Burning Characteristics, of Building Materials and Assemblies
CAN/ULC-S102.2	Surface Burning Characteristics, Steiner Tunnel Insulating Materials
CAN/ULC-S114	Standard Method of Test for Determination of Noncombustibility in Building Materials
CAN/ULC-S127	Standard Corner Wall Method of Test for Flammability Characteristics of Non-melting Building Materials

Floor Coverings (See also FIBRE, METAL, ELAS and WOOD Sections)

ASTM C1353	Standard Test Method Using the Taber Abraser for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Except for: ASTM C97, ASTM C127, ASTM C501
ASTM F1066	Standard Specification for Vinyl Composition Floor Tile Except for: ASTM F925, ASTM F1265, ASTM F1304, ASTM F1514, ASTM F1914, ASTM F2055, ASTM F2199, ANSI/ASQC Z1.4
ASTM F1303	Standard Specification for Sheet Vinyl Floor Covering with Backing Except for: ASTM F410, ASTM F925, ASTM F1514, ASTM F1515, ASTM F1914, ANSI/ASQC Z1.4
ASTM F1344	Standard Specification for Rubber Floor Tile Except for: ASTM D2240, ASTM D3389, ASTM F373, ASTM F410, ASTM F511, ASTM F925, ASTM F1484, ASTM F1514, ASTM F2055, ASTM F2199, ANSI/ASQC Z1.4
ASTM F137	Standard Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus
ASTM F1700	Standard Specification for Solid Vinyl Floor Tile Except for: ASTM F373, ASTM F925, ASTM F1514, ASTM F1515, ASTM F1914, ASTM F2055, ASTM F2199, ANSI/ASQC Z1.4
ASTM F1913	Standard Specification for Vinyl Sheet Floor Covering Without Backing Except for: ASTM F410, ASTM F925, ASTM 1514, ASTM F1515, ASTM F1914, ANSI/ASQC Z1.4
ASTM F386	Standard Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces
Fed. Spec. L-F-001641	Floor Covering Translucent or Transparent Vinyl Surface Backing

Insulating Materials

(Cellulosic Fibre)

ASTM C1289	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board Except for: ASTM C177, ASTM C1114, ASTM C1303
ASTM C209	Standard Test Methods for Cellulosic Fiber Insulating Board Except for: ASTM C177, ASTM C1114
ASTM C534/C534M	Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form Except for: ASTM C177, ASTM C692, ASTM C871, ASTM C1114
ASTM C547	Standard Specification for Mineral Fiber Pipe Insulation Except for: ASTM C177, UL 723, NFPA 255
ASTM C578	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation Except for: ASTM C177, ASTM C1114, ASTM C1303
ASTM C591	Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation Except for: ASTM C177, ASTM C871, ASTM C1114, ASTM C1303, ASTM D2856

(Loose Fill Insulation)

ASTM C520	Standard Test Methods for Density of Granular Loose Fill Insulations
ASTM C533	Standard Specification for Calcium Silicate Block and Pipe Thermal Insulation Except for: ASTM C177, ASTM C1114, ASTM C1616
CAN/ULC-S706	Standard for Wood Fibre Thermal Insulation for Buildings Except for: CAN/ULC S773

(Mineral Fibre)

ASTM C1104/C1104M	Standard Test Method for Determining the Water Vapor Sorption of Unfaced Mineral Fiber Insulation
ASTM C553	Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications Except for: ASTM C177, ASTM C1114
ASTM C612	Standard Specification for Mineral Fiber Block and Board Thermal Insulation Except for: ASTM C177
ASTM C653	Standard Guide for Determination of the Thermal Resistance of Low-Density Blanket-Type Mineral Fiber Insulation Except for: ASTM C177, ASTM C1114
ASTM C665	Standard Specification for Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing Except for: ASTM C177
ASTM C686	

	Standard Test Method for Parting Strength of Mineral Fiber Batt- and Blanket-Type Insulation
ASTM C687	Standard Practice for Determination of Thermal Resistance of Loose-Fill Building Insulation Except for: ASTM C177, ASTM C1114
ASTM C726	Standard Specification for Mineral Fiber Roof Insulation Board Except for: ASTM C177
ASTM C764	Standard Specification for Mineral Fiber Loose-Fill Thermal Insulation Except for: ASTM C177, ASTM C1374
CAN/ULC-S702	Standard for Mineral Fibre Thermal Insulation for Buildings Except for: ASTM C177, CAN/ULC S129

(Organic Cellular)

CAN/ULC-S701	Standard for Thermal Insulation, Polystyrene, Boards and Pipe Coverings Except for: Measurements of emissions ASTM C177

(Thermal Insulating Materials)

ASTM C1029	Standard Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation Except for: ASTM C177, ASTM C236, ASTM D2856
ASTM C1338	Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings
ASTM C1382	Test Method for Determining Tensile Adhesion Properties of Sealants When Used in Exterior Insulation and Finish Systems (EIFS) Except for: ASTM C1135
ASTM C1511	Standard test method for water repellency of fibrous glass insulation
ASTM C1559	Standard test method for wicking of glass fiber aircraft type, procedure A
ASTM C203	Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation Except for: ASTM C133, ASTM E4
ASTM C302	Standard Test Method for Density and Dimensions of Preformed Pipe-Covering-Type Thermal Insulation
ASTM C303	Standard Test Method for Dimensions and Density of Preformed Block-Type Thermal Insulation
ASTM C421	Standard Test Method for Tumbling Friability of Preformed Block-Type Thermal Insulation
ASTM C446	Standard Test Method for Breaking Load and Calculated Modulus of Rupture of Preformed Insulation for Pipes [Withdrawn]
ASTM C447	

	Standard Practice for Estimating the Maximum Use Temperature of Thermal Insulations Except for: ASTM C177, ASTM C1621
ASTM C610	Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation Except for: ASTM C177
ASTM C656	Standard Specification for Structural Insulating Board, Calcium Silicate Except for: ASTM C177
ASTM C991	Standard Specification for Flexible Glass Fibre Insulation for Metal Buildings Except for: ASTM C177, ASTM C1258
ASTM E2098	Standard Test Method for Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for Use in Class PB Exterior Insulation and Finish Systems (EIFS), after Exposure to a Sodium Hydroxide Solution
CAN/ULC S710.1	Standard for thermal insulation - bead applied one component polyurethane air sealant foam PART 1
CAN/ULC S710.2	Standard for thermal insulation - bead applied one component polyurethane air sealant foam PART 2
CAN/ULC S711.1	Standard for thermal insulation - bead applied two components polyurethane air sealant foam PART 1 Except for: ASTM C177, ASTM E514
CAN/ULC S711.2	Standard for thermal insulation - bead applied one component polyurethane air sealant foam PART 2

(Thermal Properties)

ASTM C1101/C1101M	Standard Test Methods for Classifying the Flexibility or Rigidity of Mineral Fiber Blanket and Board Insulation
ASTM C1199	Standard Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods Except for: ASTM C177, ASTM C1114, ASTM C236, ASTM C976, ASTM E783, BS874 Part 3 Section 3.1 and 3.2, ISO 8990, ISO 12567, NFRC 100-97
ASTM C1363	Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus Except for: ASTM C177, ASTM C1114, ASTM C236, ASTM C976, ISO 12567, ISO 8990
ASTM C165	Standard Test Method for Measuring Compressive Properties of Thermal Insulations Except for: ASTM E4, ASTM E177, ASTM E240
ASTM C167	Standard Test Methods for Thickness and Density of Blanket or Batt Thermal Insulations
ASTM C335	Standard Test Method for Steady-State Heat Transfer Properties of Horizontal Pipe Insulation Except for: ASTM C177, ISO 8497, ASTM C250

ASTM C356	Standard Test Method for Linear Shrinkage of Preformed High-Temperature Thermal Insulation Subjected to Soaking Heat Except for: ASTM C210
ASTM C411	Standard Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation
ASTM C518	Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus Except for: ASTM C177, ASTM C236, ASTM C976, ASTM C1114, ISO 8301
ASTM C550	Standard Test Method for Measuring Trueness and Squareness of Rigid Block and Board Thermal Insulation
ASTM E2568	Specification for PB Exterior Insulation and Finish Systems Except for: ASTM E2486, ASTM E119, ASTM E2134, ASTM E2485, NFPA 285
CAN/ULC-S703	Standard for Cellulose Fibre Insulation (CFI) For Buildings Except for: ASTM C177, CAN/ULC S130
CAN/ULC-S704	Standard for Thermal Insulation, Polyurethane and Polyisocyanurate, Boards, Faced Except for: measurements of emissions ASTM C177, ASTM C1114, ASTM D3985
CAN/ULC-S705.1	Standard for Thermal Insulation-Spray Applied Rigid Polyurethane Foam, Medium Density, Material-Specification Except for: measurements of emissions ASTM C177, ASTM D2856
CAN/ULC-S770	Standard Test Method for Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams
CAN/ULC-S774	Standard Laboratory Guide for the Determination of Volatile Organic Compound Emissions from Polyurethane Product Except for: ASTM E741
MIL-I-2781F	Insulation, Pipe, Thermal
NFRC 100-2004 E1A5	Procedure for Determining Fenestration Product U-Factors, plus Addendum
NFRC 101-2006 E0A10	Procedure for Determining Thermophysical Properties of Materials for Use in NFRC-Approved Software Programs Except for: ASTM C177, ASTM C1114, ASTM C1371, ASTM E903, ASTM E1225, ASTM E1530, ASTM 1933, ASTM E1952
NFRC 102-2004 E0A2 000	Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems, plus Addendum
NFRC 500-2004 E1A0	Procedure for Determining Fenestration Product Condensation Resistance Values, plus Addendum
NFRC 500UG-2004 E1A0	User Guide to NFRC 500 Procedure for Determining Fenestration Product Condensation Resistance Rating Values, plus Addendum

(Vapor Barriers - Polyethylene Sheet)

CAN/CGSB 51.33-M	Vapour Barrier Sheet for Use in Building Construction Except for: Polyethylene ASTM D1709, ISO 1923
CAN/CGSB 51.34-M	Vapour Barrier, Polyethylene Sheet for Use in Building Construction Except for: 5.7 Oxidative Induction Time ASTM D1709, ISO 1923

Miscellaneous Construction Materials

AAMA 508	Voluntary Test Method and Specification for Pressurized Equalized Rain Screen Wall Cladding Systems Except for: AAMA 501.1
AAMA Metal Curtain Wall	Section 1 for the following tests: Only for: Wind Loads Dead Loads Uniform Structural Loads Air Leakage Water Penetration Water Spray Test Without Air Pressure Difference
APA S-2	Sheathing and Sturd-I-Floor Performance under Uniform Loads
ASTM C1201	Standard Test Method for Structural Performance of Exterior Dimension Stone Cladding Systems by Uniform Static Air Pressure Difference
ASTM C1304	Standard Test Method for Assessing the Odor Emission of Thermal Insulation Materials
ASTM C1335	Standard Test Method for Measuring Non-Fibrous Content of Man-Made Rock and Slag Mineral Fiber Insulation
ASTM C1401	Standard Guide for Structural Sealant Glazing Except for: ASTM C1087, ASTM C1135, ASTM C1248, ASTM C1253, ASTM, C1265, ASTM C1294, ASTM C510, ASTM C719, ASTM C794, ASTM C880, ASTM C99, ASTM D2203, ASTM D4541, ASTM E1105, ASTM E1886, ASTM E783, AAMA 501.1, AAMA 501.2
ASTM C272	Standard Test Method for Water Absorption of Core Materials for Structural Sandwich Constructions Except for: ASTM C271
ASTM C367	Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels
ASTM C836	Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course Except for: ASTM C794, ASTM C1250, ASTM C1305, ASTM C1522
ASTM D1037	Standard Test Methods for Evaluating Properties of

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	Wood-Base Fibre and Particle Panel Materials Except for: ASTM C273, ASTM D143, ASTM D905, ASTM D2395, ASTM D3043, ASTM D3501, ASTM E4
ASTM D4437	Standard Practice for Determining the Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes Except for: ASTM D816 Only for: 6.2 Peel Testing 6.3 Shear Test
ASTM E1592	Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
ASTM E1677	Air Retarder (AR) Material or System for Low-Rise Framed Building Walls
ASTM E2178	Standard Test Method for Air Permeance of Building Materials
ASTM E2357	Standard Test Method for Determining Air Leakage of Air Leakage of Air Barrier Assemblies Except for: ASTM E783
ASTM E661	Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
CAN/CGSB-41.24	Rigid Vinyl Siding, Soffits and Fascia

Roof Coverings (See also ELAS Section)

(Asphaltic Coatings, Membranes - Waterproofing Materials)

37-GP-52M	Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric Except for: ASTM D3041
37-GP-54M	Roofing and Waterproofing Membrane, Sheet Applied, Flexible, Polyvinyl Chloride [Withdrawn]
37-GP-56M	Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing Except for: 7.2.6 Thermal Stability 7.2.10 Granule Embedment
ASTM D4073	Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes Except for: ASTM D95
ASTM D4434/D4434M	Standard Specification for Poly(Vinyl Chloride) Sheet Roofing Except for: ASTM D2136, ASTM D5602, ASTM D5635
ASTM D5147	Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material Except for: ASTM D95, ASTM D146, ASTM D4977, ASTM D5636
ASTM E96/E96M	Water Vapor Transmission of Materials
CAN/CGSB 37.54-M	Polyvinyl Chloride Roofing and Waterproofing Membrane Except for: ASTM G53, ASTM D1790, ASTM D2136

CAN/CGSB 37.58-M	Membrane, Elastomeric, Cold-Applied Liquid, for Non-Exposed Use in Roofing and Waterproofing [Withdrawn]
CAN/CGSB 51.32	Sheathing Membrane, Breather Type Except for: ASTM D828

Wall Coverings (See also FIBRE, WOOD and ELAS Sections)

(Siding, Sheathing and Cladding Materials - Plaster)

ASTM C1396/C1396M	Standard Specification for Gypsum Board (all methods) Except for: ASTM E119
ASTM C473	Standard Test Methods for Physical Testing of Gypsum Panel Products Except for: ASTM D3285, ASTM E4
ASTM C79/C79M	Standard Specification for Gypsum Sheathing Board (Superseded)
CAN/CSA-A82.20.2-M	Physical Testing of Gypsum and Gypsum Plasters

Windows and Doors (See also ELAS, METAL, NONMET and WOOD Sections)

82-GP-3M	Doors, Aluminum, Combination Storm and Screen
82-GP-4M	Doors, Steel, Combination Storm and Screen
AAMA 1503	Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections
AAMA/NWWDA-101/1.S.2.97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors
ASTM E1017	Generic Performance Requirements for Exterior Residential Window Assemblies [Withdrawn]
ASTM E1233	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Cyclic Air Pressure Differential and Doors by Cyclic Air Pressure Differential Except for: ASTM E998, ASTM E1986
ASTM E1424	Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure and Temperature Differences Across the Specimen Except for: ASTM E783
ASTM E2570	Standard Test Methods for Evaluating Water-Resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage Except for: ASTM E2134, ASTM E2485, AATCC 127
ASTM E283	Standard Test Method for Determining the Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors under Specified Pressure Differences across the Specimen Except for: ASTM E783

ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference Except for: ASTM E998
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Static Air Pressure Difference
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Air Pressure Differential Except for: ASTM E631
ASTM E997	Structural Performance of Glass in Exterior Windows, Curtain Walls and Doors Under the Influence of Uniform Static Loads by Destructive Methods
ASTM F1233	Resistance to Forced Entry of Security Glazing Systems Except for: ASTM E998, ASTM E1886
ASTM F588	Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies Except for: Glazing Impact
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies Except for: Glazing Impact
CAN/CGSB-12.5-M	Mirrors, Silvered [Withdrawn]
CAN/CGSB-82.1-M	Sliding Doors
CAN/CGSB-82.5-M	Insulated Steel Doors
CAN/CGSB-82.6-M	Doors, Mirrored Glass, Sliding or Folding, Wardrobe
CAN/CSA-A440	Windows Except for: ASTM C177, ASTM E1175, ASTM E1585
CAN/CSA-A440.2	Energy Performance Evaluation of Windows and Other Fenestration Systems Except for: Section 5.2: Determination of U-Value by Measurement
JIS A 4706	Windows Wind Pressure Resistance (in accordance with JIS A 1515) Air Tightness (in accordance with JIS A 1516) Water Tightness (in accordance with JIS A 1517)
JIS K 6785	Profiles for Rigid Polyvinyl Chloride (PVC) Window
NAFS-1	Voluntary Performance Specification for Windows, Skylights and Glass Doors
NFRC 400-2004 E1A0	Procedure for Determining Fenestration Product Air Leakage, plus Addendum

(Insulating Glass)

ASTM C1036	Standard Specification for Flat Glass
ASTM E2188	Standard Procedures for the Testing of Sealed Insulating Glass Units

ASTM E2189	Standard Test Method for Testing Resistance to Fogging in Insulating Glass Units
ASTM E2190	Standard Specification for Insulating Glass Unit Performance and Evaluation Except for: ASTM C1265
ASTM E546	Standard Test Method for Frost Point of Sealed Insulation Glass Units Except for: ASTM E77
ASTM E576	Frost Point of Sealed Insulating Glass Units Except for: ASTM E77
ASTM E773	Seal Durability of Sealed Insulating Glass Units
ASTM E774	Standard Specification for Sealed Insulating Glass Units [Withdrawn] Except for: ASTM E1887
CAN/CGSB 12.11-M	Wired Safety Glass
CAN/CGSB 12.13-M	Patterned Glass
CAN/CGSB 12.20-M	Structural Design of Glass for Buildings
CAN/CGSB 12.2-M	Flat, Clear Sheet Glass
CAN/CGSB 12.3-M	Flat, Clear Float Glass
CAN/CGSB-12.8-M	Insulating Glass Units

(Safety Glass)

ANSI-Z97.1	American National Standard for Safety Glazing Material Used in Buildings - Safety Performance Specification and Methods of Test
CAN/CGSB-12.1-M	Tempered or Laminated Safety Glass
CPSC16/CFR1201	Impact Resistance for Flat Safety Glass for Use in Buildings

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

Paints; Varnishes; Inks; Coatings; and Allied Products:

Paints and Protective Coatings

40 CFR Pt. 60, AppA, EPA Method 24	Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings Only for: Sections 6.1 and 6.2
ASTM D1210	Standard Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage
ASTM D1212	Standard Test Methods for Measurement of Wet Film Thickness of Organic Coatings
ASTM D1331	Standard Test Methods for Surface and Interfacial Tension of Solutions of Surface-Active Agents
ASTM D1475	Standard Test Method for Density of Liquid Coatings, Inks, and Related Products
ASTM D1653	Standard Test Methods for Water Vapor Transmission of Organic Coating Films
ASTM D2244	Standard Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates
ASTM D2369	Standard Test Method for Volatile Content of Coatings
ASTM D2486	Standard Test Methods for Scrub Resistance of Wall Paints
ASTM D3359	Standard Test Methods for Measuring Adhesion by Tape Test
ASTM D3450	Standard Test Method for Washability of Interior Architectural Coatings
ASTM D3960	Standard Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings Only for: Sections 6.2 and 8
ASTM D523	Standard Test Method for Specular Gloss
ASTM D562	Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using the Stormer-Type Viscometer
ASTM D7091	Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals
ASTM E1164	Standard Practice for Obtaining Spectrophotometric Data for Object-Color Evaluation
ASTM E1331	Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Hemispherical Geometry
ASTM E1348	Standard Test Method for Transmittance and Color by Spectrophotometry Using Hemispherical Geometry
ASTM E308	Standard Practice for Computing the Colors of Objects by Using the CIE System
CAN/CGSB-1.100	Interior Flat Latex Paint Except for: 3 General Requirements, 4.5 Volatile Organic Coumpunds, 5 Preparation for Delivery, 6.1 Sampling, 1-GP-22.1, 1-GP-22.8
CAN/CGSB-1.118	Interior Flat Alkyd Finish Except for: 3 General Requirements, 4.1 Flash Point, 4.7 Water Content, 4.15 Reducibility and Dilution Stability, 4.16 Applicability and Appearance, 5 Preparation for

	Delivery, 6.1 Sampling, 1-GP-99 (withdrawn)
CAN/CGSB-1.119	Interior Latex Primer Sealer Except for: 3 General Requirements, 4.4 Volatile Organic Compound, 5 Preparation for Delivery, 6.1 Sampling
CAN/CGSB-1.145	Type 1 & 2 Solvent Based Pigmented Stain Except for: 4 General Requirements, 5.1 Flash Point, 5.6 Colour Stability, 6 Preparation for Delivery, 6.1 Sampling
CAN/CGSB-1.162	Type 1 & 2 Emulsion Coating for Stucco and Masonry Except for: 4 General Requirements, 5.3 Volatile Organic Compound, 6 Preparation for Delivery, 7.1 Sampling
CAN/CGSB-1.188	Emulsion Filler for Masonry Block Except for: 3 General Requirements, 5. Preparation for Delivery, 6.1 Sampling, CSA A165
CAN/CGSB-1.195	Interior Latex Semigloss Paint Except for: 3 General Requirements, 4.5 Volatile Organic Compound, 4.7 Print Resistance, 5. Preparation for Delivery, 6.1 Sampling, 1-GP22-1, 1-GP-22-8
CAN/CGSB-1.202	Interior Alkyd Low Gloss Enamel Except for: 4. General Requirements, 5.1 Flash Point, 5.8 Reflectance, 5.9 Skinning, 5.11 Stain Resistance, 5.12 Flexibility, 5.15 Dilution Stability, 5.16 Applicability and Appearance, 6. Preparation for Delivery, 7.1 Sampling, 7.3.3 Applicability and Appearance
CAN/CGSB-1.209	Low Sheen Latex Interior Paint Except for: 3 General Requirements, 4.5 Colour Uniformity, 5. Preparation for Delivery, 6.1 Sampling, 1-GP22-1, 1-GP-22-8
CAN/CGSB-1.212	Heavy Metal Free Marine Primer for Steel and Light Alloy Surfaces Except for: 3 General Requirements, 4.1 Flash Point, 4.5 Volatile Organic Compound, 4.6 Salt Spray, 4.12 Applicability and Appearance, 5 Preparation for Delivery, 6.1 Sampling
CAN/CGSB-1.28	Exterior Alkyd House Paint Except for: 4 General Requirements, 5.1 Flash Point, 5.6 Non-volatile Vehicle, 5.8 Water Resistance, 5.9 Flexibility, 6 Preparation for Delivery, 7.1 Sampling, 1-GP-22-1, 1-GP-22-8
CAN/CGSB-1.38	Interior Enamel Undercoat Except for: 3 General Requirements, 4.1 Flash Point, 5 Preparation for Delivery, 6.1 Sampling
CAN/CGSB-1.501	Method for Permeance of Coated Wallboard
CAN/CGSB-1.57	Interior Alkyd Semigloss Enamel Except for: 3 General Requirements, 4.1 Flash Point, 5 Preparation for Delivery, 6.1 Sampling, 1-GP-22-1, 1-GP-22-8
CAN/CGSB-1.59	Alkyd Exterior Gloss Enamel Except for: 3 General Requirements, 4.1 Flash Point, 5 Preparation for Delivery, 6.1 Sampling
CAN/CGSB-1.60	

	Interior Alkyd Gloss Enamel Except for: 3 General Requirements, 4.11, Applicability and Appearance, 5 Preparation for Delivery, 6.1 Sampling
CGSB 1-GP-71, Method 10.1	Skinning Properties
CGSB 1-GP-71, Method 100.2	Preparation of Steel Panels, Sand or Grit Blasted
CGSB 1-GP-71, Method 101.1	Preparation of Tin-plated Panels, Abraded and Unabraded Panels
CGSB 1-GP-71, Method 102.1	Preparation of Glass Panels
CGSB 1-GP-71, Method 103.1	Drying Conditions - Air Drying
CGSB 1-GP-71, Method 103.2	Drying Conditions Oven Drying
CGSB 1-GP-71, Method 106.3	Alkali Resistance - Emulsion Paints
CGSB 1-GP-71, Method 110.1	Water Resistance - General Method
CGSB 1-GP-71, Method 110.8	Water Resistance Primers on Anodized Aluminum
CGSB 1-GP-71, Method 110.9	Water Resistance Except for: 1-GP-121, No Qualified Product List
CGSB 1-GP-71, Method 114.1	Cleansability - Paint Films on Unprimed Panels
CGSB 1-GP-71, Method 114.2	Cleansability - Paint Films on Primed Panels Except for: 1-GP-84
CGSB 1-GP-71, Method 119.1	Flexibility - Force Dried Films
CGSB 1-GP-71, Method 119.5	Flexibility - Air-Dried Films
CGSB 1-GP-71, Method 12.1	Colour Difference by Instrumental Evaluation Except for: 1-GP-12c
CGSB 1-GP-71, Method 12.8	Colour Uniformity
CGSB 1-GP-71, Method 12.9	Color - Visual Comparison Except for: 1-GP-12c (withdrawn)
CGSB 1-GP-71, Method 120.2	Colour Stability - Accelerated Yellowing in Ammonia Atmosphere
CGSB 1-GP-71, Method 122.1	Accelerated Weathering - Selection, Exposure and Examination of Panels
CGSB 1-GP-71, Method 122.13	Accelerated Weathering Test for Masonry Coating
CGSB 1-GP-71, Method 125.1	Scrubbability - Films Applied Directly over Glass (General Procedure)
CGSB 1-GP-71, Method 125.4	Scrubbability - Interior Flat Wall Finishes, Emulsion and Alkyd Types Except for: 1-GP-71, Method 150.3, 1-GP-71, Method 102.1, 1-GP-12C (withdrawn), 1-GP-99 (withdrawn)
CGSB 1-GP-71, Method 127.3	Sanding Properties - Dry Sanding
CGSB 1-GP-71, Method 128.1	Measurement of Film Thickness Dry Film Thickness
CGSB 1-GP-71, Method 13.1	Gloss - After 48 hours Except for: ASTM E97 (withdrawn)
CGSB 1-GP-71, Method 13.2	Gloss - After Seven Days Except for: ASTM E97 (withdrawn)
CGSB 1-GP-71, Method 13.4	Gloss - Test Panels Except for: 1-GP-71, Method 143.1
CGSB 1-GP-71, Method 130.1	Behaviour Towards Topcoats
CGSB 1-GP-71, Method 131.2	Behavior Towards Applied Films - General Methods Except for: 1-GP-71, Method 100.1

CGSB 1-GP-71, Method 134.10	Applicability and Appearance - Enamel Undercoats, Topcoated
CGSB 1-GP-71, Method 134.12	Applicability and Appearance - Primer-Sealers, Brush and Roller Application Except for: 22-GP-1M, 22-GP-42
CGSB 1-GP-71, Method 134.18	Applicability and Appearance - One Coat Over Simulated Masonry Surface Except for: ASTM E97 (withdrawn), 1-GP-12c (withdrawn)
CGSB 1-GP-71, Method 134.19	Applicability and Appearance Examination of Applied Films (Viewing Standard)
CGSB 1-GP-71, Method 134.20	Applicability and Appearance - Stain on Unsealed Fir Plywood Except for: 22-GP-1M, 22-GP-42
CGSB 1-GP-71, Method 134.7	Applicability and Appearance - Paints and Enamels on Sealed Boards, Brush and Roller Application Except for: 1-GP-12c (withdrawn), 22-GP-1M, 22-GP-42, ASTM E97 (withdrawn)
CGSB 1-GP-71, Method 134.9	Applicability and Appearance - Enamel Undercoats on Fiberboard Panels Except for: 22-GP-1M
CGSB 1-GP-71, Method 135.1	Adhesion to Metals
CGSB 1-GP-71, Method 137.2	Tapes Test Films After Immersion
CGSB 1-GP-71, Method 14.1	Hiding Power Except for: 1-GP-12c (withdrawn), ASTM E97 (withdrawn)
CGSB 1-GP-71, Method 14.7	Hiding Power Contrast Ratio Method Except for: ASTM E97 (withdrawn)
CGSB 1-GP-71, Method 143.1	Long-Term Outdoor Performance - Selection, Exposure and Examination of Panels Only for: Examination Rating Scale
CGSB 1-GP-71, Method 15.5	Coarse Particles in Stucco and Masonry Coatings Except for: 8-GP-2M, ASTM D185
CGSB 1-GP-71, Method 17.1	Volatile Matter - Paints, Enamels and Lacquers
CGSB 1-GP-71, Method 19.1	Nonvolatile Vehicle - Nonvolatile Vehicle by Difference
CGSB 1-GP-71, Method 2.1	Density (Mass per Unit Volume)
CGSB 1-GP-71, Method 21.1	Pigment Content Ordinary Centrifuge Method
CGSB 1-GP-71, Method 37.3	Bleeding Resistance Except for: 1-GP-12c (withdrawn)
CGSB 1-GP-71, Method 4.5	Consistency-Stormer Consistency Except for: Do not use K rotor or Stormer spindle
CGSB 1-GP-71, Method 5-96	Drying Times of Paints and Related Coatings Except for: 6.2.2.1, 6.2.2.3, 6.2.2.5
CGSB 1-GP-71, Method 95.1	Examination of Metal Panels for Effects of Exposure to Corrosion Tests
CGSB 1-GP-71, Method 97.1	Preparation of Wooden Panels General Conditions
CGSB 1-GP-71, Method 97.2	Brush Application Preparation of Wooden Panels
CGSB 1-GP-71, Method 97.3	Preparation of Wooden Panels Spray Application

CGSB 1-GP-71, Method 98.1	Coating of Metal and Glass panels for Test Purposes - General Procedure Except for: 1-GP-71, Method 99.1, 1-GP-71, Method 100.1, 8-GP-1
CGSB 1-GP-71, Method 98.2	Coating of Metal and Glass panels for Test Purposes - Panels with One Coat of Material
CGSB 1-GP-71, Method 98.3	Coating of Metal and Glass panels for Test Purposes - Panels with Two Coats of the Same Material
CGSB 1-GP-71, Method 98.4	Coating of Metal and Glass panels for Test Purposes - Primed Panels
CGSB 1-GP-71, Method 98.5	Coating of Metal and Glass Panels for Test Purposes, Preparation of Baked Panels
CGSB 1-GP-71, Method 99.2	Preparation of Aluminum Panels, Chromic Acid Anodized Panels

Plastics; Resins and Rubbers:

Plastics

ASTM C1166	Test Method for Flame Propagation of Dense and Cellular Elastomeric Gaskets and Accessories
ASTM D1004	Standard Test Method for Initial Tear Resistance of Plastic Film and Sheeting
ASTM D1204	Standard Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
ASTM D1238	Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer
ASTM D1505	Standard Test Method for Density of Plastics by the Density-Gradient Technique
ASTM D1621	Standard Test Method for Compressive Properties Of Rigid Cellular Plastics
ASTM D1622	Standard Test Method for Apparent Density of Rigid Cellular Plastics
ASTM D1693	Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics
ASTM D1822	Standard Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials
ASTM D1894	Standard Test Method for Static and Kinetic Coefficients of Friction of Film and Sheeting
ASTM D1929	Standard Test Method for Determining Ignition Temperature of Plastics
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
ASTM D2583	

	Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
ASTM D2584	Standard Test Method for Ignition Loss of Cured Reinforced Resins
ASTM D4495	Standard Test Method for Impact Resistance of Poly (Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight
ASTM D570	Standard Test Method for Water Absorption of Plastics
ASTM D6110	Standard Test Methods for Determining the Charpy Impact Resistance of Notched Specimens 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 D6272	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials by Four-Point Bending
ASTM D638	Standard Test Method for Tensile Properties of Plastics
ASTM D695	Standard Test Method for Compressive Properties of Rigid 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 D732	Standard Test Method for Shear Strength of Plastics by Punch Tool
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
ASTM D882	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
ISO 871	Plastics - Determination of ignition temperature using a hot-air furnace

(Flammability Tests)

ASTM D2863 -95	Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index)
ASTM D568	Test Method for Rate of Burning and/or Extent and Time of Burning of Flexible Plastics in a Vertical Position (Discontinued 1991)
ASTM D635	Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position
UL 94	Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

(Polymer Characterization)

ASTM D3418	Standard Test Method for Transition Temperatures of Polymers by Thermal Analysis
ASTM D3895	Standard Test Method for Oxidative Induction Time of Polyolefins by Differential Scanning Calorimetry
ASTM E1131	Standard Test Method for Compositional Analysis by Thermogravimetry
ASTM E1252	Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis
USP (661)	Containers, Polyethylene Terephthlate Bottles and Polyethylene Terephthlate G Bottles and Polyethylene, Multiple Internal Reflectance, Thermal Analysis
USP (891)	Thermal Analysis

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 D1876	Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
ASTM D2137	Standard Test Methods for Rubber Property-Brittleness Point of Flexible Polymers and Coated Fabrics
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 and Gummed Tapes
ASTM D3759/D3759M	Standard Test Method for Tensile Strength and Elongation of Pressure-Sensitive Tapes
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 Rubbers and Thermoplastic Elastomers-Tension
ASTM D429	Standard Test Methods for Rubber Property-Adhesion to Rigid Substrates
ASTM D573	Standard Test Method for Rubber-Deterioration in an Air Oven
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
ISO 1183	Plastics - Methods for determining the density and relative density of non-cellular plastics
ISO 178	Plastics - Determination of Flexural Properties

ISO 527-1	Plastics - Determination of Tensile Properties - Part 1: General Principles
ISO 527-2	Plastics - Determination of Tensile Properties - Part 2: Test Conditions for Extrusion Plastics
ISO 527-3	Plastics - Determination of Tensile Properties - Part 3: Test Conditions for Film
OPSS 1202	Material Specification for Bearings - Elastomeric Plain and Steel Laminated Only for: Section 1202.05.03, Table 1 (Elastomer Testing)

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

(Photovoltaic Devices)

CAN/CSA-C61215:01	Crystalline Silicon Terretrial Photovoltaic (PV) Modules - Design Qualification and Type Approval
CEI/IEC 60904-1	Photovoltaic Devices - Part 1: Measurements of PV Current-Voltage Characteristics
CEI/IEC 60904-3	Photovoltaic Devices - Part 3: Measurement Principles for Terrestrial Photovoltaic (PV) Solar Devices with Reference Spectral Irradiance Data
CEI/IEC 60904-5	Photovoltaic Devices - Part 5: Determination of the Equivalent Cell Temperature (ECT) of Photovoltaic (PV) Devices by the Open-Circuit Voltage Method
CEI/IEC 60904-7	Photovoltaic Devices - Part 7: Computation of Spectral Mismatch Error Introduced in the Testing of a Photovoltaic Device
CEI/IEC 60904-9	Photovoltaic Devices - Part 9: Solar Simulator Performance Requirements
CEI/IEC 61215	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval
CEI/IEC 61646	Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval
IEC 60891	Procedures for Temperature and Irradiance Corrections to Measured I-V Characteristics of Crystalline Silicon Photoviltaic Devices
IEC 61721	Susceptibility of a Photovoltaic (PV) Module to Accidental Impact Damage (Resistance to Impact Test)
IEC 61730-2	Photovoltaic (PV) Module Safety Qualification - Part 2 - Requirements for Testing Except for: 10.5 Impulse Voltage; 10.8 Fire Test; 11.11 Partial Discharge Test
UL 1703	Flat Photovoltaic Modules and Panels Except for: 31: Fire Tests 37: Corrosive Atmosphere Test 38: Metallic Coating Thickness Test 39: Hot Spot Endurance Tests
ULC-ORD-C1703-01	

Flat-Plate Photovoltaic Modules and Panels
Except for: 5.14: Fire Test
5.21: Hot Spot Endurance Test

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental Conditioning:

Temperature

ANSI/AMCA-210 and ANSI/ASHRAE 51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating
ANSI/ASHRAE 55	Thermal Environmental Conditions for Human Occupancy
ASHRAE 117	Method of Testing Closed Refrigerators
ASHRAE 72	Method of Testing Open Refrigerators
ASTM A90/A90M	Standard Test Method for Weight (Mass) of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings (nested method)
CAN/CSA C191	Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service
CAN/CSA C742	Performance of Automatic Ice-Makers and Ice Storage Bins
CAN/CSA C827	Energy Performance Standard for Food Service Refrigerators and Freezers. Note: Self-contained air-cooled models only.
CAN/ULC-S110	Standard Methods of Test for Air Ducts Except for: Sections 4.6.3.2 and 4.6.3.3.
CSA C439M	Standard Laboratory Methods of Test for Rating the Performance of Heat/Energy-Recovery Ventilators

(Solar and Weathering)

ASTM D1149	Standard Test Method for Rubber Deterioration-Surface Ozone Cracking in a Chamber Except for: ASTM D3395, ASTM D4575
ASTM D1171	Standard Test Method for Rubber Deterioration-Surface Ozone Cracking Outdoors or Chamber (Triangular Specimens) Except for: ASTM D4575
ASTM D1499	Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Plastics Except for: ISO 4892-4
ASTM D2247	Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity Except for: ASTM D2616, ASTM D1654, ASTM D3363, ASTM D4541, ASTM D610, ASTM D714
ASTM D2565	Standard Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications

	Except for: ASTM D1293, ISO 4892-2
ASTM D4459	Standard Practice for Xenon-Arc Exposure of Plastics Intended for Indoor Applications
ASTM D4587	Standard Practice for Fluorescent UV Condensation Exposures of Paint and Related Coatings (moved)
ASTM D4798	Standard Test Method for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Xenon-Arc Method) Except for: ASTM D1670, ASTM D36
ASTM D518	Standard Test Method for Rubber Deterioration-Surface Cracking [Withdrawn]
ASTM E408	Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques Only for: Method A
ASTM G152	Standard Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials Except for: ISO 4892-4
ASTM G153	Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials Except for: ISO 4892-4
ASTM G154	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials Except for: ISO 4892-3
ASTM G155	Standard Practice for Operating Xenon-Arc Light Apparatus for Exposure of Non-Metallic Materials Except for: ISO 4892-2, SAE J2412, SAE J2527, ISO 105 B04, ISO 105 B05, ISO 105 B06, ISO 1134
JIS D0205	Test Method for Weatherability of Automotive Parts
NFRC 200	Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence
NFRC 201	Procedure for Interim Standard Test Method for Measuring the Solar Heat Gain Coefficient of Fenestration Systems Using Calorimetry Hot Box Methods (equipment conforms to CAN/CSA A440.2 Section 6.2)
NFRC 300	Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems
NISSAN NES M0135	Weatherability and Light-Resistance Test Methods for Synthetic Resin Parts
SAE J1885 (Cancelled Jan 2008, Superseded by J2412)	Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Water Cooled Xenon-Arc Apparatus
SAE J1960	Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Water-Cooled Xenon-Arc Apparatus
Toyota TSH1585G	Xenon-arc lamp Type Test Methods for Accelerated Weathering Resistance of Paint Film

MACHINERY

Munitions and Arms: (Ballistics)

(Transportation, Agricultural and Construction Vehicles and Components)

Bodycote SOP 03-15-SP-1614	Procedure for Conducting Durability Simulation

Engines

CFR 40, Part 86	Heavy Duty Transient Emissions Tests Only for: (a) Subpart N: "Emissions Regulations for new Auto Cycle & Diesel Heavy Duty Engines; Gaseous & Particulate Exhaust Test Procedures". (b) Subpart A: Standards (c) Subpart I: Smoke Cycle (d) Appendix I: Cycle Definition
CFR 40, Part 89	Non Road Steady State Emissions Tests Only for: (a) Subpart A: General (b) Subpart B: Emissions Standards (c) Subpart D: Emission Test Equipment (d) Subpart E: Exhaust Emissions Test Procedures
SAE J1349, UN Regulation 85 Annex 5 (Bodycote SOP 06-14-SP-1793)	Engine Power Test Code - SI and CI - Net Power Rating
UN Regulation No. 49, US CFR Part 86 Subpart N (Bodycote SOP 04-14-SP-1682)	European Steady-State Cycle Test, EPA SET 13-Mode Cycle Test
UN Regulations No. 24 Annex 4, Annex 5 (Bodycote SOP 04-14-SP-1684)	European R24 Smoke Tests
UN Regulations No. 49 Annex 4 & App 1,4,5 Annex 5 (Bodycote SOP 04-14-SP-1685)	European Load Response Smoke Test
UN Regulations No. 85 Annex 5, CEC Document RF-03-A-84-, -85 (Bodycote SOP 04-14-SP-1683)	European R85 Corrected Power Test

MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS

Furniture and Consumer Articles:

(Consumer Articles)

16 CFR Part 1303

	Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint
ASHRAE 93	Methods of Testing to Determine the Thermal Performance of Solar Collectors (ANSI approved)
ASTM E1613	Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques
ASTM E1645	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis
ASTM F963	Standard Consumer Safety specification for Toy Safety Only for: sections 4.3.5 and 8.3
CAN/CSA F378	Solar Collectors Only for: Paragraph 6.2, collector Tests
CAN/CSA F379.1	Solar Domestic Hot Water Systems (Liquid to Liquid Heat Transfer)
CAN/CSA F379.2	Seasonal Use Solar Domestic Hot Water Systems
CAN/CSA Z195	Protective Footwear Except for: Section 5.3
Health Canada Method C-02.2	Determination of Total Lead in Surface Coating Materials by Closed Vessel Microwave Digestion
Health Canada Method C-02.3	Determination of Total Lead in Polyvinyl Chloride Products by Closed Vessel Microwave
Health Canada Method C-02.4	Determination of Total Lead in Metallic Consumer Products

Furniture

ANSI/BIFMA X5.1	General - Purpose Office Chairs Except for: Sections: 22, Tablet Arm Static Load Test 23, Tablet Arm Load Ease Test Cyclic
ANSI/BIFMA X5.4	Lounge Seating Except for: Sections: 15, Structural Durability Test Cyclic 16, Base Test Static 20, Swivel Test Cyclic 23, Tablet Arm Load Ease Test Cyclic 24, Tablet Arm Static Load Test
ANSI/BIFMA X5.5	Desk Products Except for: Sections: 13, Interlock Strength Test 15, Work Surface Vertical Adjustment Test 4.4. 17.9, and 17.13
ANSI/BIFMA X5.9	Storage Units Except for: Sections 8.2, 9.7, 17.9, 17.13, and 19
BIFMA/CMD 1	

	Universal Measurement Procedure for the Use of BIFMA Chair Measuring Device (CMD)
California TB 133 based on BIFMA x5.8	A Fire Test for Seating Furniture in Public Buildings
CAN/CGSB 44.227	Freestanding Office Desk Products and Components Only for: Sections 5.1.1, 5.1.6, and 5.5
CAN/CGSB 44.232	Task Chairs for Office Work with Visual Display Terminals Except for: applicable tests excluded from ANSI/BIFMA x5.1
GPD 6	Side Chairs with Metal Frame Except for: applicable tests excluded from ANSI/BIFMA x5.1

Trade and Commercial Goods:

(Containers and Packaging)

ASTM D4169	Standard Practice for Performance Testing of Shipping Containers and Systems Except for: ASTM D951, D4003, D5265, D5277, D5487, D6344 and D7386
ASTM D4332	Practice for the Conditioning Containers, Packages or Packaging Components for Testing
ASTM D4728	Test Method for Random Vibration Testing of Shipping Containers
ASTM D5276	Test Method for Drop Test of Loaded Containers by Free Fall
ASTM D6055	Standard Test Methods for Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates
ASTM D6179	Test Methods for Rough Handling of Unitized Loads and Large Shipping Cases and Crates
ASTM D642	Test Method for Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads
ASTM D6653	Standard Test Methods for Determining the Effects of High Altitude on Packaging Systems by Vacuum Method
ASTM D880	Test Method for Impact Testing for Shipping Containers and Systems (Samples up to 1000 lbs only)
ASTM D999	Test Methods for Vibration Testing of Shipping Containers
CAN/CGSB 43.150	Performance Packagings for Transportation of Dangerous Goods Except for: Chemical Compatibility
ISTA	Preshipment Testing Procedures Only for: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 2A, 2B
ISTA 1A	Preshipment Testing Procedures Packaged-Products Weighing 150 LB (68 KG) or Less
ISTA 1B	Preshipment Testing Procedures Packaged-Products Weighing Over 150 LB (68 KG)
ISTA 1C	Preshipment Testing Procedures Extended Testing for

	Individual Packaged-Products Weighing 150 LB (68KG) or Less
ISTA 1D	Preshipment Testing Procedures Extended Testing for Individual Packaged-Products Weighing Over 150 LB (68 KG)
ISTA 1E	Preshipment Testing Procedures Unitized Loads of Same Product
ISTA 1F	Preshipment Testing Procedures Developmental Test for Closed Reusable Transport Containers for Loads of 150 LB of Less
ISTA 1G	Preshipment Testing Procedures For Packaged-Products Weighing 150 LB or Less, Basic Requirements Included Random Vibration and Impact Testing
ISTA 1H	Preshipment Testing Procedures For Packaged-Products Weighing Over 150 LB, Basic Requirements Include Random Vibration and Impact Testing
ISTA 2A	Preshipment Testing Procedures Packaged-Products Weighing 150 LB (68 KG) or LessS
ISTA 2B	Preshipment Testing Procedures Packaged-Products Weighing Over 150 LB (68 KG)
MIL STD 202F	Department of Defense Test Method Standard Electronic and Electrical Component Parts Only for: Method No. 103B Humidity 201A Vibration 204D Vibration, High Frequency
MIL STD 202G	Department of Defense Test Method Standard Electronic and Electrical Component Parts Only for: Method No. 103B Humidity 201A Vibration 204D Vibration, High Frequency
MIL STD 810E	Department of Defense Test Method Standard for Environmental Engineering Considerations and Laboratory Tests 14 July 1989 Only for: Method No. 500.3 Low Pressure (Altitude), Except for Procedures III and IV 501.3 High Temperature 502.3 Low Temperature 505.3 Solar Radiation (Sunshine) 507.3 Humidity 508.4 Fungus 514.4 Vibration 516.4 Shock, Except For Methods V, VII, and VIII
MIL STD 810F	Department of Defense Test Method Standard for Environmental Engineering Considerations and Laboratory

	Tests. 1 January 2002 (also Bodycote SOP 01-03-SP-1374 "Vibration/Shock Testing") Only for: Method No. 500.4 Low Pressure (Altitude), Except For Procedures III and IV 501.4 High Temperature 502.4 Low Temperature 505.4 Solar Radiation (Sunshine) 507.4 Humidity 514.4 Vibration 516.5 Shock, Except For Methods V, VII, and VIII
MIL-STD-810D	Environmental Test Methods and Engineering Guidelines Only for: Method 508.3 Fungi Resistance
RTCA/DO-160D	Environmental Conditions and Test Procedures for Airborne Equipment Only for: Section 5: Temperature Variation Section 7: Shock and Crash (Samples u to 100 lbs only) Section 8: Vibration Section 13: Fungus

METALLIC ORES AND PRODUCTS

Articles of Metal:

(Mechanical Tests)

ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Except for: ASTM E4 Only for: Sections 5 to 13
ASTM B557	Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products
ASTM B593	Standard Test Method for Bending Fatigue Testing for Copper Alloy Spring Materials
ASTM E1012	Standard Procedure for Verification of Specimen Alignment under Tensile Loading
ASTM E111	Standard Test Method for Young's Modulus, Tangent Modulus and Chord Modulus Except for: ASTM E4
ASTM E1237	Standard Guide for Installing Bonded Resistance Strain Gages
ASTM E1290	Standard Test Method for Crack Tip Opening displacement (CTOD) Fracture Toughness Measurement Except for: ASTM E4

ASTM E1820	Standard Test Method for Measurement of Fracture Toughness Except for: ASTM E4 and E220
ASTM E208	Standard Test Method for Conducting Drop-Weight Test to Determine Nil-Ductility Transition Temperature of Ferritic Steels
ASTM E21	Test Methods for Elevated Temperature Tension Tests of Metallic Materials
ASTM E399	Standard Test Method for Plain-Strain Fracture Toughness of Metallic Materials Except for: ASTM E4 and E337
ASTM E436	Standard Test Method for Drop Weight Tear Tests of Ferritic Steels
ASTM E466	Practice for Conducting Force Controlled Constant Amplitude Axial Fatigue Tests of Metallic Materials (also Bodycote SOP 02-03-SP-105 "Fatigue and Strength Testing of Components")
ASTM E467	Standard Procedure for Verification of Constantant Amplitude Dynamic Forces in an Axial Fatigue Testing System Except for: ASTM E4, MIL 1312-B and ANSI Z540-1-1994
ASTM E604	Test Method for Dynamic Tear Testing of Metallic Materials Except for: ASTM E18
ASTM E606	Standard Practice for Strain Controlled Fatigue Testing Except for: ASTM E4, E384, and E337
ASTM E647	Standard Test Method for Measurement of Fatigue Crack Growth Rates
ASTM E8	Test Methods for Tension Testing of Metallic Materials Except for: ASTM E4
ASTM E83	Standard Practice for Verification and Classification of Extensometer Systems
ASTM E9	Standard Test Method for Compression Testing of Metallic Materials at Room Temperature Except for: ASTM E4
BS 7448	Fracture Mechanics Toughness Tests, Parts 1 and 4

TEXTILES AND FIBROUS MATERIALS

Apparel and Other Finished Textile Products:

Clothing

AATCC 118	Oil repellency
AATCC 143	Appearance of Apparel and Other Textile End Products after Repeated Home Laundering
CAN/CGSB 4.2 No. 59.1 as per	Appearance of Fabrics after Repeated Home Laundering

FAR 25.853(d)	Smoke Generation of Aerospace Materials

Fabrics

16 CFR Part 1610	Standard for the Flammability of Clothing Textiles
AATCC 101	Colorfastness to Bleaching with Hydrogen Peroxide
AATCC 104	Colorfastness to Water Spotting
AATCC 105	Colorfastness to Water: Chlorinated Pool. Superseded by Method 162
AATCC 116	Colorfastness to Crocking: Rotary Vertical Crockmeter Method
AATCC 117	Colorfastness to Heat: Dry (Excluding Pressing)
AATCC 133	Colorfastness to Heat: Hot Pressing
AATCC 135	Dimensional Changes in Automatic Home Laundering of Woven or Knit Fabrics
AATCC 150	Dimensional Changes in Automatic Home Laundering of Garments
AATCC 16	Colorfastness to Light
AATCC 160	Dimensional Restoration of Knitted and Woven Fabrics after Laundering
AATCC 20	Fiber Analysis: Qualitative
AATCC 21	Water Repellency: Static Absorption Test
AATCC 3	Colorfastness of Bleaching with Chlorine
AATCC 35	Water Resistance: Rain Test
AATCC 66	Wrinkle Recovery of Fabrics: Recovery Angle Method
AATCC 70	Water Repellency: Tumble Jar Dynamic Absorption Test
AATCC 92	Chlorine, Retained, Tensile Loss: Single Sample Method
AATCC 93	Abrasion Resistance of Fabrics: Accelerator Method
AATCC 96	Dimensional Changes in Commercial Laundering of Woven and Knitted Fabrics except Wool
ASTM D1336	Test Method for Distortion of Yarn in Woven Fabrics (Discontinued 1995) Except for: Federal Test Method Standard 191 - Method 5410 Slippage Resistance of Yarns in Cloth, Yarn Distortion Method
ASTM D1388	Test Method for Stiffness of Fabrics Except for: ASTM D3776
ASTM D2594	Test Methods for Stretch Properties of Knitted Fabrics Having Low Power
ASTM D3884	Test Method for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method)
ASTM D3885	Test Method for Abrasion Resistance of Textile Fabrics (Flexing and Abrasion Method)
ASTM D3886	Test Method for Abrasion Resistance of Textile Fabrics (Inflated Diaphragm Method) Except for: ASTM D1175
ASTM D3940	Test Method for Bursting Strength (Load) and Elongation of

	Sewn Seams of Knit or Woven Stretch Textile Fabrics [Withdrawn]
ASTM D3992	Specifications for Fineness of Wool Top or Mohair Top and Assignment of Grade Except for: ASTM D2130, Measurement Method for Determining Grade of Mohair Top, Section32.302, Measurement Method for Determining Grade of Wool Top, Section 31.301
ASTM D4108	Test Method for Thermal Protective Performance of Materials for Clothing by Open-Flame Method [Withdrawn]
ASTM D4157	Test Method Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)
ASTM D4966	Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)
ASTM D4970	Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics (Martindale Pressure Tester Method) Except for: ASTM D3511
ASTM D751	Standard Test Methods for Coated Fabrics Except for: ASTM D2136
California Administrative Code Title 19 Para. 1237.1 and 1237.2	Public Safety, Regulations Relating to Flame-retardant Chemicals, Fabric and Application Concerns Test Requirements for Exterior Flame-retardant Chemicals Fire Resistance
CAN/CGSB 4.2	Textile Fabrics Only for: No. 1 : Precision and Accuracy of Measurements No. 2 : Conditioning Textile Materials for Textiles No. 4.1 : Measurement of Width of Pieces (Extension of March 1987) No. 5.1 : Unit Mass of Fabrics No. 6 : Textiles - Woven Fabrics - Construction Methods of Analysis No. 7 : Knitted Fabric Count - Wales and Courses per Centimetre (Extension of February 1988) No. 9.3 : Breaking Strength of High Strength Fabrics - Constant-time-break Principle No. 9.4 : Breaking Strength of Yarns - Single Strand Method No. 9.5 : Breaking Strength of Yarns - Skein Method No. 9.6 : Breaking Strength of Nonwoven Textiles No. 12.2: Tearing, Trapezoid No. 15 : Non-Fibrous Material on Textiles No. 18.2: Tests for Colourfastness - Part B01: Colourfastness to Light: Daylight No. 18.3: Tests for Colourfastness - Part B02: Colourfastness to Artificial Light: Xenon Arc Fading Lamp Test No. 25.1: Dimensional Change in Wetting No. 26.1: Water Resistance - Static Head Penetration Test (Extension of September 1988) No. 26.3: Determination of Resistance to Water Penetration

	- Hydrostatic Pressure Test No. 26.5: Water Resistance - High Pressure Penetration Test No. 30 : Dimensional Change in Dry Cleaning No. 30.1: Effect of Solvents on the Permanence of Textile Finishes No. 31 based on ISO 105/X11: Tests for Colourfastness - Part X11: Colourfastness to Hot 1987 Pressing No. 35.1: Colourfastness to Burnt Gas Fumes No. 37 : Fabric Thickness Extension of September 1987) No. 45 : Determination of the Recovery from Creasing of a Horizontally Folded Specimen by Measuring the Angle of Recovery (Extension of February 1988) No. 47 : Grey Scale for Assessing Staining No. 51.1: Resistance to Pilling, Rotating Box Method No. 52.1: Colourfastness to Chlorinated Water No. 55 : Loss in Strength Colour Change of Fabrics Due to Retained Chlorine No. 58 : Colourfastness and Dimensional Change in Domestic Laundering of Textiles No. 68-92/ISO105-J01-89: Textiles - for Colour Fastness - Part J01: No. 69 : Weather Resistance - Xenon Arc Radiation No. 71-M/ISO/TR 8091:83: Textiles-Twist Factor Related to the Tex System No. 73.1M/ISO2647; Wool - Determination of Percentage of Medullated Fibres by the Projection Microscope No. 74-M/ISO3071; Textiles - Determination of pH of the Aqueous Extract. No. 75-93/ISO105-A01; Textiles - Testing for Colour Fastness - Part A01; General Principles of Testing No. 76-94/ISO 2551; Machine - Made Textile floor coverings - Determination of Dimensional Changes due to the Effects of varied Water and Heat Conditions. No. 77.1-94/ISO 4919; Carpets - Determination of Tuft Withdrawal Force
CAN/CGSB 4.2	Quantitative Analysis of Fibre Mixtures Only for: No. 14.1 : Binary Mixtures Containing Wool - 70% Sulfuric Acid Method (Extension of September 1988) No. 14.2 : Binary Mixtures Containing Wool - Sodium Hypochlorite Method (Extension of September 1988) No. 14.3 : Binary Mixtures Containing Wool - 75% Sulfuric Acid Method (Extension of September 1988) No. 14.4 : Binary Mixtures Containing Cotton and Regenerated Cellulose - Zinc Chloride/Formic Acid Method No. 14.5 : Binary Mixtures Containing Acrylic or Modacrylic Fibres - Butyrolactone Method

	No. 14.6 : Binary Mixtures Containing Acrylic or Modacrylic Fibres - Cyclohexanone Method
	No. 14.7 : Binary Mixtures Containing Acetate Fibres - Acetone Method (Extension of July 1988)
	No. 14.8 : Binary Mixtures Containing Triacetate Fibres - Dichloromethane Method (Extension of September 1988)
	No. 14.9 : Microscopic Count Method
	No. 14.11: Binary Mixtures Containing Secondary and Triacetate Fibres - 70% Acetone Method
	No. 14.12 : Binary Mixtures Containing Nylon 6 or Nylon 6.6 - 80% Formic Acid Method (Extension of October 1988)
	No. 14.13 : Binary Mixtures Containing Certain Spandex (Elastane) Fibres - Boiling Cyclohexanone Method
	No. 14.14 : Binary Mixtures Containing Polyvinyl Chloride Fibres - Carbon Disulphide/Acetone Method
	No. 14.15 : Binary Mixtures Containing Polypropylene Fibres - Xylem Method
	No. 14.16 : Binary Mixtures Containing Acetate and Polyvinyl Chloride Fibres - Glacial Acetic Acid Method (Extension of July 1988)
	No. 14.17 : Manual Separation
	No. 14.18 : Quantitative Analysis Multi-Fibre Blends
	No. 48 : Wool - Determination of Fibre Diameter - Projection
CAN/CGSB 4.2	Flame Resistance Only for: M 27.1 : Vertical Burning Test
	M 27.2 : Surface Burning Test
	M 27.3 based on ISO 6941: 1984: Textile Fabrics - Burning Behaviour - Measurement of Flame Spread Properties of Vertical Oriented Specimens
	M 27.4 based on ISO 6940: Textile Fabric - Burning Behaviour - Determination of Ease of Ignition of Vertically Oriented Specimens
CAN/ULC-S109	Standard for Flame Tests of Flame Resistant Fabrics and Films

CGSB 4.2 Method 11.1 as per ASTM D3786 (Discontinued 1996)	Test Method for Hydraulic Bursting Strength of Knitted Goods and Nonwoven Fabrics; Diaphragm Bursting Strength Tester Method
CGSB 4.2 Method 11.2 as per ASTM D3787	Test Method for Bursting Strength of Knitted Goods: Constant-Rate of Traverse (CRT), Ball Burst Test
CGSB 4.2 Method 12.1 as per ASTM D2262 (Discontinued 1995)	Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)
CGSB 4.2 Method 12.3 as per ASTM D1424	Test Method for Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus Except for: ASTM D2261, ASTM D5587, ASTM D629
CGSB 4.2 Method 19.1 as per AATCC 61	Colorfastness to Laundering Home and Commercial: Accelerated
CGSB 4.2 Method 20 as per AATCC 107	Colorfastness to Water
CGSB 4.2 Method 21 as per AATCC 106	Colorfastness to Water: Sea
CGSB 4.2 Method 22 as per AATCC 8	Colorfastness to Crocking: AATCC Crockmeter Method
CGSB 4.2 Method 23 as per AATCC 15	Colorfastness to Perspiration
CGSB 4.2 Method 26.2 as per AATCC 22	Water Repellency: Spray Test
CGSB 4.2 Method 27.5 as per ASTM D1230	Test Method for Flammability of Apparel Textiles
CGSB 4.2 Method 29.1 as per AATCC 132	Colorfastness to Dry Cleaning
CGSB 4.2 Method 32.1 as per ASTM D434	Test Method for Resistance to Slippage of Yarns in Woven Fabrics using a Standard Seam
CGSB 4.2 Method 32.2 as per ASTM D1683	Test Method for Failure in Sewn Seams of Woven Fabrics
CGSB 4.2 Method 35.1 as per AATCC 23	Colourfastness to Burnt Gas Fumes
CGSB 4.2 Method 36.1 as per ASTM D737	Test Method for Air Permeability of Textile Fabrics Except for: ASTM F778
CGSB 4.2 Method 51.2 as per ASTM D3512 (Discontinued 1995)	Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics; Random Tumble Pilling Tester Method
CGSB 4.2 Method 60 as per ASTM D3939	Test Method for Snagging Resistance of Fabrics (Mace Test Method) Except for: ASTM D1335, ASTM D2724, ASTM D5362, CGSB 4.2 Method 65
CGSB 4.2 Method 9.1 as per ASTM D5035	Breaking Force and Elongation of Textile Fabrics (Strip Method) Except for: ASTM D629
CGSB 4.2 Method 9.2 as per ASTM D5034	Breaking Strength and Elongation of Textile Fabrics (Grab Test) Except for: ASTM D629
CMVSS 302/FMVSS 302	

	Flammability of Interior Materials - Passenger Cars, Multipurpose Passenger Vehicles, Trucks and Buses
ISO 105-A03	Tests for Colour Fastness Part A03: Grey Scale for Assessing Staining
ISO 105-B01	Tests for Colour Fastness Part B01: Colour Fastness to Light: Daylight
ISO 105-B02	Tests for Colour Fastness Part B02: Colour Fastness to Artificial Light: Xenon Arc Fading Lamp Test
ISO 105-C06	Tests for Colour Fastness Part C06: Colour Fastness to Domestic and Commercial Laundering
ISO 105-D01	Tests for Colour Fastness Part D01: Colour Fastness to Dry cleaning
ISO 105-E01	Tests for Colour Fastness Part E01: Colour Fastness to Water
ISO 105-E02	Tests for Colour Fastness Part E02: Colour Fastness to Sea Water
ISO 105-E04	Tests for Colour Fastness Part E04: Colour Fastness to Spotting: Acid
ISO 105-G02	Tests for Colour Fastness Part G02: Colour Fastness to Burnt Gas Fumes
ISO 105-X11	Tests for Colour Fastness Part X11: Colour Fastness to Hot Pressing
ISO 137	Wool - Determination of Fiber Diameter - Projection Microscope Method
ISO 2313	Textiles - Determination of the Recovery from Creasing of A Horizontal Folded Specimen of Fabric by Measuring the Angle of Recovery
ISO 4920	Textiles - Determination of Resistance to Surface Wetting (Spray Test) of Fabrics
ISO 5081	Textiles - Woven Fabrics - Determination of Breaking Strength and Elongation (Strip Method)
ISO 5082	Textiles - Woven Fabrics Determination of Braking Strength - Grab Method
ISO 7211-2	Textiles - Textiles - Woven Fabrics - Construction - Methods of Analysis
NFPA 701	Fire Tests for Flame Resistant Textiles and Films Fibres

Yarns

AATCC 22	Water Repellency: Spray Test
ASTM D1422	Untwist-Retwist Except for: ASTM D1059, ASTM D2258
ASTM D1423	Direct Counting Except for: ASTM D1059, ASTM D1425
ASTM D1578	Breaking, Skein Except for: ASTM D2258
ASTM D1907	Yarn Number Except for: ASTM D1059, ASTM D2257, ASTM D2494

ASTM D2256	Breaking and Elongation Breaking, Single Strand Except for: ASTM D3822, ASTM D885
CAN/CGSB 4.2	Textile Test Methods Only for:
	No. 10-M Elongation (Extension of May 1987)
	No. 4.4 Determination of Length of Yarns and Threads (Extension of June 1978)
	No. 5.2 Linear Density of Yarn in SI Units
	No. 8.1 based on ISO 7211/4: Woven Fabrics Construction Methods of Analysis - Part 4) Determination of Twist in Yarns Removed from Fabric
	No. 8.2 based on ISO 2061: Determination of Twist in Yarns - Direct Counting - Method
	No. 8.3 based on ISO 2: Textiles - Determination of Direction of Twist in Yarns and Related Products
	No. 9.4 Breaking, Strength of Yarns - Single Strand Method
	No. 9.5 Breaking, Strength of Yarns - Skein Method
CAN/CGSB-4.2 No. 24	Colourfastness and Dimensional Change in Commercial Laundering
CAN/CGSB-4.2 No. 3	Determination of Moisture in Textiles
CAN/CGSB-4.2 No. 30.2	Procedure of the Removal of Non-Permanent Flame-Retardant Treatments on Textiles Floor Coverings
CAN/CGSB-4.2 No. 30.3	Procedure of the Removal of Non-Permanent Flame-Retardant Treatments on Textiles Products
CAN/CGSB-4.2 No. 33	Methods of Pressing
CAN/CGSB-4.2 No. 39	Yarn Crimp
CAN/CGSB-4.2 No. 4.2	Textile Fabrics - Measurement of Length Pieces
CAN/CGSB-4.2 No. 4.3	Bootlaces and Shoelaces - Measurement of Length of Pieces
CAN/CGSB-4.2 No. 4.5	Retail Packages of Yarn - Determination of Mass
CAN/CGSB-4.2 No. 40	Solvent Extractable Material
CAN/CGSB-4.2 No. 41	Standard Light Sources for Colour Matching of Textiles
CAN/CGSB-4.2 No. 42	Copper Content of Textiles
CAN/CGSB-4.2 No. 47	Textiles - Tests for Colourfastness Part A03
CAN/CGSB-4.2 No. 49	Resistance of Materials to Water Vapour Diffusion
CAN/CGSB-4.2 No. 56.1	Unidirectional Extension and Recover Properties of Elastic Fabrics
CAN/CGSB-4.2 No. 57	Unidirectional of Safe Ironing Temperature
CAN/CGSB-4.2 No. 63.1 to 63.3	Formaldehyde in Textiles
CAN/CGSB-4.2 No. 64	Chromatic Transference Scale

CAN/CGSB-4.2 No. 65	Determination of Strength Bonds of Bonded, Laminated and Fused Fabrics
CAN/CGSB-4.2 No. 66	Dimensional Change and Appearance After Dry Cleaning of Coated Bonded, Laminated and Fused Fabrics
CAN/CGSB-4.2 No. 67	Dimensional Change and Appearance After Laundering of Coated Bonded, Laminated and Fused Fabrics
CAN/CGSB-4.2 No. 72.1 to 72.3	Textiles - Fibres and yarns - Determination of Commercial Mass of Consignments ISO 6741-1, 2, 3
CAN/CGSB-4.2 No. 73.4	Wool- Determination of Alkali Content
CAN/CGSB-4.2 No. 73.5	Wool - Determination of Acid Content
ISO 2	Textiles - Designation of the Direction of Twist in Yarns and Related Products
ISO 2061	Textiles - Determination of Twist in Yarns Direct Counting Method
ISO 6939	Textiles Yarns from Packages - Method of Test for Breaking Strength of Yarn by the Skein Method
ISO 7211-4	Textile - Woven Fabrics Construction Methods of Analysis

(Geotextiles)

ASTM D4533	Standard Test Method for Trapezoid Tearing Strength of Geotextiles
ASTM D4595	Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method
ASTM D4632	Standard Test Method for Grab Breaking Load and Elongation of Geotextiles Except for: ASTM D1682, ASTM D461

Notes:

AAMA/NWWDA: American Architectural Manufacturers Association

AATCC: American Association of Textile Chemists and Colorists

ANSI/BIFMA: American National Standards Institute/Business and Institutional Furniture Manufacturer s Association

APA: The Engineered Wood Association

ASHRAE: American Society of Heating, Refrigerating, and Air-Conditioning Engineers

ASTM: American Society of Test Methods

BSI: British Standards Institute

CAN/CGSB: Canadian General Standards Board

CAN-P-4E (ISO/IEC 17025): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

CAN/ULC: Underwriters Laboratories of Canada

CFR: Code of Federal Regulations

CEI: Commission électrotechnique internationale

CMVSS/FMVSS: Canadian Motor Vehicle Safety Standard/Federal Motor Vehicle Safety Standard

CPAI: Industrial Fabrics Association International

CPSC: Consumer Product Safety Commission

CSA: Canadian Standards Association

CSSBI: Canadian Sheet Steel Building Institute

FAA: Federal Aviation Administration

FAR: Federal Aviation Regulation

GM: General Motors

GMT: Magna International

GP: Canadian General Standards Board Specification

IEC: International Electrotechnical Commission

ISO: International Standards Organization

ISTA: International Safe Transit Association

IUP: Indiana University of Pennsylvania

JIS: Japanese Industrial Standard

NAFS: National Alliance for Food Safety

NEMA: National Electrical Manufacturers Association

NFPA: National Fire Protection Association

NIJ: National Institute of Justice

NIST: National Institute of Standards and Technologies

OPSS: Ontario Provincial Standard Specification

PD: Purchase Description

RTCA/DO: Requirements and Technical Concepts for Aviatn

SAE: Society of Automotive Engineers

SEFA: Scientific Equipment & Furniture Association

SOHO: Small Office/Home Office (BIFMA)

UFAC: Upholstered Furniture Action Council

UL: Underwriters Laboratory

US MIL: United States Military Standard

USP: United States Pharmacopeia

CLP: Chemical Laboratory Procedures

P. Paladino, P. Eng., Director, Conformity Assessment

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