

SCOPE OF ACCREDITATION

ULC
UNDERWRITERS LABORATORIES OF CANADA
7 Underwriters Road
Toronto, ON
M1R 3B4

Accredited Laboratory No. 123
(Conforms with requirements of CAN-P-4E (ISO/IEC 17025:2005))

CONTACT: Mr. Gunsimar Paintal
TEL: (416) 757-5250, Extn. 61217
FAX: (416) 757-2627
EMAIL: Gunsimarbir.Paintal@ca.ul.com
URL: www.ulc.ca

CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Chemical/Physical, Electrical/Electronic, Mechanical/Physical,
Thermal & Fire Resistance

ISSUED ON: 2009-09-23

VALID TO: 2015-08-10

CHEMICALS AND CHEMICAL PRODUCTS

Chemical Compounds: (not elsewhere specified)

Inorganic

Refer to the Minor Heading of *Organic*, under the Miscellaneous heading of (**Miscellaneous Analytical Methods**)

Liquid

Refer to the Minor Heading of *Organic*, under the Miscellaneous heading of (**Miscellaneous Analytical Methods**)

Organic

(Miscellaneous Analytical Methods)

ASTM F1308 Quantitating Volatile Extractables in Microwave Susceptors
Used in Food Products

Cleaning Agents:

Floor Polish

ULC C410 Floor Coating and Finishing Materials

CONSTRUCTION

Construction Materials

(Caulking, Sealing and Glazing Compounds; Ceiling Coverings; Fasteners and Hardware; Fire Resistant; Floor Coverings; Insulating Materials; Miscellaneous Materials; Panels; Plumbing Products; Plywood; Roof Coverings; Wall Coverings; Windows and Doors)

16 CFR 1632	Standard for the Flammability Of Mattresses and Mattress Pads
16 CFR 1633	Standard for the Flammability (Open Flame) of Mattress Tests
ASTM C1178M	Standard Specification for Coated Glass Mat Water-Resistant Gypsum Backing Panel
ASTM C1396M	Standard Specification for Gypsum Board
ASTM C588M	Standard Specification for Gypsum Base for Veneer Plasters
ASTM D3014	Test Method for Flame Height, Time of Burning, and Loss of Weight of Rigid, Thermoset Cellular Plastics in a Vertical Position
ASTM D3350	Specification for Polyethylene Plastic Pipe and Fitting Materials
ASTM D93	Test Methods for Flash Point by Pensky-Martens Closed Tester
ASTM E 1354 04a	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM E 1474 04	Standard Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter
ASTM E 1537 02a	Standard Test Method for Fire Testing of Upholstered Furniture1
ASTM E 1590 02	Standard Test Method for Fire Testing of Mattresses

ASTM E119	Test Methods for Fire Tests of Building Construction and Materials
ASTM E1399	Standard Test Method for Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems
ASTM E152	Standard Method of Fire Tests of Door Assemblies
ASTM E1529	Standard Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies
ASTM E163	Standard Methods of Fire Tests of Window Assemblies
ASTM E648	Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
ASTM E84	Test Method for Surface Burning Characteristics of Building Materials
ASTM E970	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source
ASTM-D5485	Standard Test Method for Determining the Corrosive Effect of Combustion Products using the Cone Corrosimeter
BS 476: Part 8	Test Methods and Criteria for the Fire Resistance of Elements of Building Construction
BS476: Part 20	Method for Determination of the Fire Resistance of Elements of Construction (General Principles)
BS476: Part 21	Methods for Determination of the Fire Resistance of Loadbearing Elements of Construction
BS476: Part 22	Methods for Determination of the Fire Resistance of Non-loadbearing Elements of Construction
BS476: Part 24	Method for Determination of the Fire Resistance of Ventilation Ducts
CAL TB 117	Requirements, Test Procedures and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture 2000
CAL TB 603	Requirements and Test Procedure for Resistance of a Residential Mattress/Box Spring set to a Large Open-Flame
California TB 129	Mattresses for use in Public Buildings, Complete Mattress
California TB121	Institutional Mattresses, Complete Mattress
California TB133	Seating Furniture for use in Public Occupancies, chair / sofa
CAN/CGSB-37.54-95	Polyvinyl Chloride Roofing and Waterproofing Membrane
CAN/CGSB-51.25	Thermal Insulation, Phenolic, Faced
CAN/CGSB-69.20	Door Controls (Closers)
CAN/CGSB-92.1	Sound Absorptive Prefabricated Acoustical Units Except for: Clauses 6.4, 6.5: Acoustical Performance and Light Reflectance
CAN/CGSB-92.2	Trowel or Spray Applied Acoustical Material Except for: Clauses 6.2, 6.3 Acoustical Performance and Light Reflectance
CAN/CSA-A165.1	Concrete Masonry Units Except for: Compressive strength

CAN/CSA-A165.2	Concrete Brick Masonry Units Except for: Compressive strength
CAN/CSA-A165.3	Prefaced Concrete Masonry Units Except for: Compressive strength
CAN/CSA-A165.4	Autoclaved Cellular Units Except for: Compressive strength
CAN/CSA-A82.27	Gypsum Board Products
CAN/CSA-B137.0	Definitions, General Requirements, and Methods of Testing for Thermoplastic Pressure Piping, Plumbing Products and Materials
CAN/CSA-B66	Prefabricated Septic Tanks and Sewage Holding Tanks, Plumbing Products and Materials
CAN/CSA-Z245.1	General Requirements for Plain and Welded and Seamless Steel Line Pipe Except for: Charpy Impact Test and Non-destructive Tests
CAN/ULC-B137.3	Rigid PVC Pipe for Pressure Applications
CAN/ULC-S101	Fire Endurance Tests of Building Construction and Materials
CAN/ULC-S102	Surface Burning Characteristics of Building Materials and Assemblies
CAN/ULC-S102.2	Surface Burning Characteristics of Flooring, Floor Covering and Miscellaneous Materials and Assemblies
CAN/ULC-S109	Flame Tests of Flame Resistant Fabrics and Films Except for: Dry Cleaning Test
CAN/ULC-S112	Fire Test of Fire Damper Assemblies Except for: Dust Loading Test
CAN/ULC-S112.1	Leakage Rated Dampers Except for: Leakage, Operation and Dust Loading
CAN/ULC-S126	Test for Fire Spread Under Roof Deck Assemblies
CAN/ULC-S129	Smoulder Resistance of Loose Fill Insulation (Basket Method)
CAN/ULC-S130	Ignition Resistance of Loose Fill Insulation (Cigarette Method)
CAN/ULC-S133	Door Closers for Swinging Doors
CAN/ULC-S533	Egress Door Securing and Releasing Devices
CAN4-S103	"Tin-Clad" Fire Doors
CAN4-S104	Fire Tests of Door Assemblies
CAN4-S105	Fire Door Frames
CAN4-S106	Fire Tests of Window and Glass Block Assemblies
CAN4-S112.2	Fire Test of Ceiling Firestop Flap Assemblies Except for: Dust Loading Test
CAN4-S113	Twenty Minute Wood Core Doors
CAN4-S114	Determination of Non-Combustibility in Building Materials
CAN4-S115	Fire Tests of Firestop Systems
CAN4-S124	Evaluation of Protective Coverings for Foamed Plastics
CAN-ULC-S703-01	Standard for Cellulose Fibre Insulation (CFI) For Buildings Except for: Corrosion; Fungal Growth, Smoldering and ASTM C-518 Electric Radiant Panel

CAN-ULC-S704-03	Standard For Thermal Insulation, Polyurethane And Polyisocyanurate, Boards Faced Except for: LTTR
CAN-ULC-S705.1-01	Standard for Thermal Insulation, Spray Applied Rigid Polyurethane Foam, Medium Density Material - Specification Except for: LTTR and Gas Emissions
CGSB 51-GP-11	Thermal Insulation, Mineral Fibre, Blanket, for Piping, Ducting, Machinery and Boilers
CGSB 51-GP-21	Thermal Insulation, Urethane and Isocyanate Unfaced
CGSB 51-GP-23	Thermal Insulation, Urethane, Spray In Place
CGSB 51-GP-27	Thermal Insulation, Polystyrene, Loose Fill
CSA B35.1-1972	Machine Screws and Associated Nuts
CSA B35.2-1963	Binding Head Screws
ISO 1210	Plastics - Determination of Flammability Characteristics of Plastics in the Form of Small Specimens in Contact with a Small Flame
ISO 1326	Plastics - Determination of Flammability and Burning Rate of Plastics in the Form of Film
ISO 3008	Fire Resistance Tests - Door and Shutter Assemblies
ISO 3009	Fire Resistance Tests - Glazed Elements
ISO 6944	Fire Resistance Tests - Ventilation Ducts
ISO 834	Fire Resistance Test - Elements of Building Construction
ISO 9705 Fire tests	Full-scale room test for surface products
ISO-5660 Fire Tests Reaction to Fire Part 1	Rate of Heat Release from Building Products (Cone Calorimeter Method)
NFPA 265	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Coverings on Full Height Panels and Walls 2002 Edition
NFPA 266	Standard Method of Test for Fire Characteristics of Upholstered Furniture Exposed to Flaming Ignition Source 1998 Edition
NFPA 271	Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter 2004 Edition
NFPA 272	Standard Method of Test for Heat and Visible Smoke Release Rates for Upholstered Furniture Components or Composites and Mattresses Using an Oxygen Consumption Calorimeter 2003 Edition
NFPA 701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
ORD/ULC-C72 Technical Bulletin 604	Record Protection Equipment, Tests for Fire Resistance of Draft October 1, 2004: Test Procedure and Apparatus for the Flame Resistance of Filled Bedclothing
UL 104	Elevator Door Locking Devices and Contacts
UL 1709	Rapid Rise Fire Tests of Protection Materials for Structural Steel
UL 1715	Fire Test of Interior Finish Material

UL 181	Factory Made Air Ducts and Air Connectors
UL 214	Test for Flame Prorogation of Fabrics and Films Except for: Dry Cleaning Test
UL 228	Door Closer Holders, With or Without Integral Smoke Detectors
UL 263	Fire Tests of Building Construction and Materials
UL 555	Fire Dampers Except for: Dust Loading Test
UL 723	Surface Burning Characteristics of Building Materials
UL 790	Fire Resistance of Roof Covering Materials
UL 900	Test Performance of Air Filter Units
UL 997	Wind Resistance of Prepared Roof Covering Materials
ULC 701-01	Thermal Insulation, Polystyrene, Boards and Pipe Covering, excluding Thermal Resistance Measurements
ULC C10(c)	Doors and Frames, Evaluating for Listing and Labelling
ULC C1275	Cabinets, Storage, for Flammable Liquids Containers
ULC C14(e)	Hardware for Fire Doors and Emergency Exits
ULC C155	Doors, Vault and File Room, Tests for Fire Resistance of
ULC C410	Floor Coating and Finishing Materials
ULC C779	Floorings, Electrically Conductive
ULC C953	Recessed Light Fixtures in Fire Rated Membrane Ceiling Assemblies
ULC S 547 (Draft)	Swinging-Door Closers and Holders
ULC/ORD-C263.7-2000	Room Fire Test Method for Garage Doors using Foamed Plastic Insulation
ULC/ORD-C305	Hardware, Panic
ULC/ORD-C376-1995	Fire Growth of Foamed Plastic Insulated Building Panels in a Full-Scale Room Configuration
ULC/ORD-C376-1996	Fire Growth of Foamed Plastic Insulated Building Panels in a Full-Scale Room Configuration
ULC/ORD-C790.4-1994	Roof Drains
ULC-S102.3	Fire Test of Light Diffusers and Lenses
ULC-S102.4	Fire and Smoke Characteristics of Electrical Wiring and Cable
ULC-S120	Concrete Masonry Units Except for: Compressive strength
ULC-S121	Hardware, Sliding, for Standard Horizontally Mounted Tin-Clad Fire Doors
ULC-S123	Hardware, Swinging, for Standard Tin Clad Fire Doors Mounted Singly and in Pairs
ULC-S127	Flammability Characteristics of Non-Melting Building Materials
ULC-S135-04 (CAN/ULC-S135)	Standard Method of Test for Determination of Combustibility Parameters of Building Materials using an Oxygen Consumption Calorimeter (Cone Calorimeter)
ULC-S138 edition 1	The Method of Test for Fire Growth of Prefabricated

	Building Panels in a Full-Scale Room Configuration is in the third draft stage
ULC-S702.2-03	Mineral Fibre Thermal Insulation For Buildings, Part 2: Application Guidelines, except corrosion.
ULC-S702-96	Mineral Fibre Thermal Insulation for Builders (old CSA-A101)
Uniform Building Code, UBC 8-2.UBC26-3 and UBC 26-8	Uniform Building Code, UBC 8-2.UBC26-3 and UBC 26-8

ELASTOMERS AND PROTECTIVE AND OTHER COATINGS

Refer to Product Service Class of **CONSTRUCTION**, under the Major Heading of **Construction Materials**

Adhesives (Organic Resins) and Glues:

(Adhesives; Binders; Cement; Glues; Miscellaneous Materials; Putty; Sealants)

Refer to the Major Heading of **Plastics; Resins and Rubbers**

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

(Paints and Protective Coatings; Miscellaneous Products; Varnishes)

Refer to the Major Heading of **Plastics; Resins and Rubbers**

Plastics; Resins and Rubbers:

(Miscellaneous Materials - Composites, Compounds; Plastics: Parts and Products - Foam, Rigid Plastics; Resins and Rubbers - All Forms, Cushioning Foams)

ASTM D1457	Polytetrafluoroethylene Molding and Extrusion Materials
ASTM D2116	FEP - Fluorocarbon Molding and Extrusion Materials
ASTM D3222	Unmodified Poly (Vinylidene Fluoride) (PVDF) Molding and Extrusion Materials
ASTM D3275	E-CTFE-Fluoroplastic Molding, Extrusion, and Coating Materials
ASTM D3350	Polyethylene Plastic Pipe and Fittings Material
ASTM D3417	Heats of Fusion and Crystallization of Polymers by Thermal Analysis
ASTM D3418	Transition Temperatures of Polymers by Thermal Analysis
ASTM D3850	Rapid Thermal Degradation of Solid Electrical Insulating Materials by Thermogravimetric Method
ASTM D3895	Copper-Induced Oxidative Induction Time of Polyolefins by Thermal Analysis
ASTM D3947	Specific Heat of Aircraft Turbine Lubricants by Thermal Analysis

ASTM D4066	Nylon Injection and Extrusion Materials
ASTM D4419	Transition Temperatures of Petroleum Waxes by Differential Scanning Calorimetry
ASTM D4441	Aqueous Dispersion of Polytetrafluoroethylene
ASTM D4565	Physical and Environmental Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable
ASTM D4591	Temperatures and Heats of Transition of Fluoropolymers by DSC
ASTM D4816	Specific Heat of Aircraft Turbine Fuels by Thermal Analysis
ASTM D5028	Curing Properties of Pultrusion Resins by Thermal Analysis
UL 94	Flammability of Plastic Materials for Parts in Devices and Appliances
ULC-S616	Liquid Protective Coating Materials as Required by ULC-S603.1

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

Communications Equipment and Systems:

(Power and Signal Distribution Equipment; Signal Equipment; Wiring and Related Products)

CAN/CSA C22.2 No. 0.4	Bonding and Grounding of Electrical Equipment (Protective Grounding) Only for: Ground fault integrity up to 30A AC
CAN/CSA C22.2 No. 0.5	Threaded Conduit Entries Only for: Conduit diameters up to 3 inch Nominal Trade Size
CSA 22.2 No. 14	Industrial Control Equipment Except for: Cl. 6.2 - Temperature Ampacity above 30 A Cl. 6.3 - Overvoltages and Undervoltages - above 240V Cl. 6.4 - Overload Relay Calibration Cl. 6.5 - Overload Cl. 6.6 - Endurance Cl. 6.10 - Short Circuit of Test Circuit Cl. 6.11 - Short Circuit - Overload Relays and Equipment Incorporating Overload Relays Cl. 6.12 - Controllers Intended for Use on Circuits Capable of Delivering High Fault Currents Cl. 6.13 - Group Fusing Cl. 6.14 - Instantaneous Trip Circuit Breakers Cl. 6.19 - Transient Voltage Surge Suppression Cl. 6.20 - Dielectric Voltage Withstand in Lieu of Measuring Spacings Cl 39 - Current Withstand Cl. 41 - Burnout
CSA 22.2 No.0.17	

Evaluation of Properties of Polymeric Materials
Except for: Cl. 4.3.2 - High Current Arc Ignition (HAI)
Cl. 4.3.3 - High Voltage Arc Resistance (HVAR)
Cl. 4.3.4 - Radiant Panel
Cl. 5.2 - Charpy Impact
Cl. 6.4 - High Voltage, Low Current, Dry Arc Resistance
Cl. 6.5 - Comparative Tracking Index
ULC-S139-00 Standard Method of Fire Test for Fire Evaluation of
Integrity of Electrical Cables

Radio, Television and Electronic Apparatus

CAN/CSA-C22.2 No. 60065 Audio, Video and Similar Electronic Apparatus - Safety
Requirements
Except for: Cl 6.2 - Laser Radiation
Cl. 13.3.4 - Measurement of Transient Voltages
Cl 14 Components: capacitors and RC units, thermal
cut-outs, thermal links, fuse links, PTC thermistors, switches
and surge suppression resistors.
Cl. 18 - Mechanical Strength of Picture Tubes and
Protection against the Effects of Implosion
Annex A - Additional for Apparatus with Protection against
Splashing Water namely: IPX2, IPX6 and IPX7
Annex B - Apparatus to be Connected to the
Telecommunication Network
Annex H - Insulated Winding Wires for Use with
interleaved Insulation

Electrical Appliances:

Cooking and Liquid Heating

CAN/CSA C22.2 No. 128 Vending Machines

Equipment, Miscellaneous

(Grounding; Hazardous Location Equipment)

Refer to Product Service Class **ENVIRONMENT AND HEALTH AND SAFETY** as well
as the Product Service Class **MARKETPLACE PRODUCTS - CONSUMER AND
BUSINESS**, under the Major Heading **Equipment, Miscellaneous**

CAN/CSA C22.2 No. 0.6 Flammability Testing of Polymeric Materials
CAN/CSA C22.2 No. 142 Process Control Equipment
CAN/CSA C22.2 No. 205 Signal Equipment

Information Processing and Business Equipment:

(Generally Applicable Tests)

CAN/CSA C22.2 No. 220	Information Processing and Business Equipment Except for: - Hot wire ignition and high current - Grounded Type Only Only for: - Voltage Limitation 120/240V
CSA 22.2 No. 60950 CSA C22.2 No. 60950-1	Safety of Information Technology Equipment Bi-National Standard with UL 60950 and UL 60950-1 Except for: Cl. 4.3.12 - Ionizing Radiation Annex NAC - Over Voltage Test Cl. 6.5 - Acoustic Pressure Test Annex A3 - High Current Arc Ignition Test Annex A5 - Hot Flaming Test

Medical Devices:

Treatment Equipment

CAN/CSA C22.2 No. 601.1 - Supplement No. 1 - CAN/CSA C22.2 No. 601.1S1-94 (IEC 601-1, Amendment 1:1991); Amendment 2:1998 - CAN/CSA C22.2 No. 601.1-M90 (IEC 601-1, Amendment 2:1995); Update No. 2 - CAN/CSA C22.2 No. 601.1-M90, 2003 IEC 60601-1	Medical Electrical Equipment - Part I: General Requirements for Safety Except for: Cl 25 - Expelled Parts Cl. 29 - X-Radiation Cl 39.3(b) - Prevention of Electrostatic Charges Cl.39.4 - Corona Measurement Cl. 40.5 - Restricted Breathing Cl. 45 - Pressure Vessel Parts Safety requirements for medical Equipment with Amendment AM1:1991 and Amendment AM2: 1995 (IEC 601-1:1998 & IEC 601-1:1988) Except for: Cl 25 - Expelled Parts Cl. 29 - X-Radiation Cl 39.3(b) - Prevention of Electrostatic Charges Cl.39.4 - Corona Measurement Cl. 40.5 - Restricted Breathing Cl. 45 - Pressure Vessel Parts
--	--

Scientific Instruments: (For biological, chemical electrical, mechanical optical and physical examination)

(Complete Units)

CAN/CSA C22.2 No. C22.2 No. 61010-1-04 (Adopted IEC 61010-1:2001, MOD)(Tri-National standard, with UL 61010-1 and ISA 82.02.01)	Safety Requirements for Electrical Equipment for Measurement,Control and Laboratory Use-Part I General Requirements Except for: Cl 12.2.2 - Ionizing Radiation Cl 12.5.2 - Ultrasonic Pressure Cl. 12.6 - Laser Radiation
--	---

IEC 61010-1: 2001	Cl. 13. - Implosion and Explosion Safety requirements for electrical Equipment for measurement Except for: Cl 12.2.2 - Ionizing Radiation Cl 12.5.2 - Ultrasonic Pressure Cl. 12.6 - Laser Radiation Cl. 13. - Implosion and Explosion
-------------------	--

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Occupational Health and Safety:

Fire Protection

ANSI S1.13	Sound Pressure Levels
CAN/ULC-S503	Carbon Dioxide Hand and Wheeled Fire Extinguishers
CAN/ULC-S504	Dry Chemical and Dry Powder Hand and Wheeled Fire Extinguishers
CAN/ULC-S508	Rating and Fire Testing of Fire Extinguishers
CAN/ULC-S512	Halogenated Agent Fire Extinguishers - Restricted to Maintenance portion of the Standard. No fire testing to be conducted.
CAN/ULC-S515	Automobile Fire Fighting Apparatus
CAN/ULC-S518	Non-Percolating Forestry Hose
CAN/ULC-S519	Percolating Forestry Hose
CAN/ULC-S520	Fire Hydrants
CAN/ULC-S522	Fire Extinguisher and Booster Hose
CAN/ULC-S523	Light Attack Fire Fighting Apparatus, Mini Pumps
CAN/ULC-S524	Installation of Fire Alarm Systems
CAN/ULC-S528	Manual Pull Stations
CAN/ULC-S529	Smoke Detectors, Fire Alarm
CAN/ULC-S530	Heat Actuated Fire Detectors, Fire Alarm
CAN/ULC-S531	Smoke-Alarms
CAN/ULC-S532	Regulation of the Servicing of Portable Fire Extinguishers
CAN/ULC-S536	Inspection and Testing of Fire Alarm Systems
CAN/ULC-S537	Verification of Fire Alarm Systems
CAN/ULC-S540	Installation of Residential Fire Warning Systems
CAN/ULC-S541	Speakers for Fire Alarm Systems
CAN/ULC-S553	Installation of Smoke Alarms
CAN/ULC-S559	Equipment For Fire Signal Receiving Centers and Systems
CAN/ULC-S560	Standard for Category 3 Aqueous Film - Forming (AFFF) Foam Liquid Concentrates (replaces CAN/CGSB-28.74-M90)
CAN4-S543	Internal Lug, Quick-Connect Couplings for Fire Hose
NFPA 10	Portable Fire Extinguishers

UL-2166	Standard for Halocarbon Clean Agent Extinguishing System Units
ULC S561	Central Station Fire Protective Signalling Systems and Services
ULC/ORD-C1626	Residential Sprinklers for Fire Protection Service
ULC/ORD-C199P	Piping, Combustible, for Sprinkler Systems
ULC/ORD-C393	Gauges, Indicating, Pressure, for Fire Protection Service
ULC/ORD-C693	Central Station Fire Protective Signalling Systems and Services
ULC-C100	Smoke Control System Equipment
ULC-C1091	Valves, Butterfly, for Fire Protection Service Except for: Friction Loss for greater than 6 inch diameter
ULC-C193	Valves, Alarm, for Fire Protection Service
ULC-C199	Sprinklers, Automatic, for Fire Protection Service
ULC-C213	Fittings, Rubber Gasketed, for Fire Protection Service Except for: Flexural Test for greater than 4 inch diameter
ULC-C260	Valves, Dry Pipe, Deluge and Pre Action, for Fire Protection Service Except for: Friction Loss for greater than 6 inch diameter
ULC-C262	Valves, Gate, for Fire Protection Service Except for: Friction Loss for greater than 6 inch diameter
ULC-C312	Valves, Check, for Fire Protection Service Except for: Friction Loss for greater than 6 inch diameter
ULC-C386	Flame Detectors
ULC-C47	Fire Hose Rack Assemblies
ULC-C539	Fire Alarm Devices, Single and Multiple Station, Mechanically Operated
ULC-C668	Valves, Hose, for Fire Protection Services
ULC-C753	Alarm Accessories for Automatic Water Supply Control Valves for Fire Protection Service
ULC-C789	Indicator Posts for Fire Protection Service
ULC-C827	Central Stations for Watchman, Fire Alarm and Supervisory Services
ULC-S505	Fusible Links for Fire Protection Service
ULC-S511	Lined Fire Hose
ULC-S513	Threaded Couplings for 1-1/2 and 2-1/2 Inch Fire Hose
ULC-S525	Audible Signal Appliances, Fire Alarm
ULC-S526	Visual Signal Appliances, Fire Alarm
ULC-S527	Control Units, Fire Alarm
ULC-S545	Residential Fire Warning System Control Units
ULC-S548	Alarm Initiating and Supervisory Devices for Water Type Extinguishing Systems
ULC-S551	External Lug Quick-Connect Couplings and Adapters for Forestry Fire Hose

ULC-S562	Standard for Class "A" Foam
ULC-S564	Standard for Categories 1 and 2 Foam Liquid Concentrates
ULC-S566	Standard for Halocarbon Clean Agent Fire Extinguishers

MACHINERY

Boilers, Pressure Vessels and Piping:

Pumps and Related Equipment

CAN/CSA C22.2 No. 108-1997 Liquid Pumps - 120/240V limitations

Transportation, Agricultural and Construction Vehicles and Components:

(Automobiles, Light Trucks, Vans and Trailers; Boats and Ships; Recreational, All-Terrain; Trucks, Heavy Duty, Commercial, Buses and Trailers)

Refer to Product Service Class **CONSTRUCTION**, under the Major Heading **Construction Materials**

API STD SL	API Specification for Line Pipe
CAN/CSA-B140.7.1	Oil Fired Steam and Hot Water Boilers for Residential Use
CAN/ULC-S642	Compounds and Tapes for Threaded Pipe Joints Except for: Toxicity
CAN1-12.2	Propane Fuel System Components for Use on Highway Vehicles
Canadian Coast Guard TP 439 E	Structural Fire Protection Standards: Testing and Approval Procedures
UL 583	Electrical Battery Powered Industrial Trucks
ULC-C107	Pipe and Couplings, Asbestos- Cement
ULC-C107C	Pipe and Fittings, Glass Fibre Reinforced Plastic, for Flammable Liquids
ULC-C142.13	Tanks, Steel, Mounted on Service Truck Platforms for Transportation of Flammable and Combustible Liquids
ULC-C147	Torches, LP Gas
ULC-C194	Joints, Gasketed, for Cast Iron Pressure Pipes and Fittings
ULC-C395	Tanks, Automotive, Fuel
ULC-C407	Manifolds for High Pressure Gas
ULC-C558	Trucks, Industrial, Internal Combustion, Engine-Powered
ULC-C567	Pipe Connectors for Flammable Liquids and LP Gas
ULC-C583	Trucks, Industrial, Electric Battery Powered

MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS

Equipment, Miscellaneous:

(Security and Signalling)

UL 1023	Household Burglar-Alarm System Units
UL 603	Power Supplies for use with Burglar Alarm Systems
ULC C1023	Burglar Alarm System Units, Household
CAN/ULC S301	Central and Monitoring Station Burglar Alarm Systems
CAN/ULC S302	Installation and Classification of Burglar Alarm Systems, Financial and Commercial Premises, Safes and Vaults
CAN/ULC S303	Local Burglar Alarm Units and Systems
CAN/ULC S304	Central and Monitoring Station Burglar Alarm Units
CAN/ULC S306	Intrusion Detection Units
CAN/ULC S310	Installation and Classification of Residential Burglar Alarm Systems
CAN/ULC S321	Burglary Resistant Vault Doors and Modular Panels
CAN/ULC S322	Vault Ventilators and Vault Ventilating Ports
CAN/ULC S329	Automated Banking Machines
CAN/ULC-319-05	Electronic Access Control Systems Except for: Cl. 7.21.5 - Sinusoidal Energy Interference Tests
UL 291	Automated Teller Systems
UL 294	Access Control System Units
UL 464	Audible Signal Appliances
UL 634	Connectors and Switches for Use with Burglar-Alarm Systems
UL 887	Delayed Action Timelocks
ULC C140	Relocking Devices
ULC C437	Locks, Key
ULC C603	Power Supplies for Use with Burglar Alarm Systems
ULC C634	Connectors and Switches for Use with Burglar Alarm Systems
ULC C687	Safes, Burglary Resisting
ULC C687A	Safes, Burglary Resisting, Class DR
ULC C768	Locks, Combination
ULC C786	Safes, Key Locked
ULC C901	Teller's Lockers
ULC C972	Glazing Material, Burglary Resisting
ULC S 317	Installation and Classification of Closed Circuit Video Equipment (CCVE) Systems for Institutional and Commercial Security
ULC S 330	Burglary-Resistant Night Deposits

Marine Products:

Flotation Aids, Components

CAN/CGSB 65.7	Life Jackets Inherently Buoyant Type
CAN/CGSB 65-16-2005	Immersion Suit Systems Except for: para 6.7 to 6.22.3.1.3
CAN/CGSB-65.11	Personal Flotation Devices
CAN/CGSB-65.15	Personal Flotation Devices for Children
CAN/CGSB-65.18	Closed Cell Foamed Polymeric Materials
CAN/CGSB-65.19	Textile Components of Lifejackets and Personal Flotation Devices
CGSB 65-GP-14	Life Jackets Standard Type
Coast Guard Draft Standard	Personal Flotation Devices - Inflatable Type
TP 13571	SOLAS Life Jacket Requirements
TP 7325E	Standards for Lifebuoys and Integral Equipment Only for: Part 1 - Lifebuoys
UL 1191	Components for Personal Flotation Devices

NON METALLIC MINERALS AND PRODUCTS

Refer to Product Service Class of **CONSTRUCTION**, under the Major Heading of **Construction Materials**

Cement and Cement Based Products:

(Products (Blocks, etc.); Gypsum)

Refer to the Major Heading **Energy Equipment: (Appliances)**

Ceramics; Clay and Clay Products:

Bricks and Structural Tile

Refer to the Major Heading **Energy Equipment: (Appliances)**

Energy Equipment: (Appliances)

(Handling of Liquid Fuels; Dispensing Devices, Tanks, Fireplace: Kerosene Fired; Miscellaneous; Natural Gas Fired; Oil Fired; Propane Fired; Solid Fuel Fired; Venting Equipment for Products of Combustion)

CAN/CGA-8.1	Elastomeric Composite Hose and Hose Couplings for Conducting Propane and Natural Gas
CAN/ULC-S602	Aboveground Steel Tanks for the storage of Combustible Liquids intended to be used for Heating and/or Generator Fuels
CAN/ULC-S603.1	External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids
CAN1-8.3	

	Thermoplastic Hose and Hose Couplings for Conducting Propane and Natural Gas
CGA 6.19	Residential Carbon Monoxide Detectors Except for: Clause 7.7.2 Response to Mixtures of Carbon Monoxide and Combustion Products
CGA-3.11	Lever Operated Pressure Lubricated Plug Type Gas Shut-Off Valves
CSA B376	Portable Containers for Gasoline and Other Petroleum Fuels
UL 2034	Single and Multiple Station Carbon Monoxide Alarms
ULC C125	Valves for Anhydrous Ammonia and Propane Except for: Safety Relief
ULC C132	Valves, Safety-Relief, for Anhydrous Ammonia and Propane
ULC C180	Gauges and Indicators, Liquid Level, for Flammable Liquids
ULC C30	Containers, Metal, Safety
ULC C331	Strainers for Flammable Fluids and Anhydrous Ammonia
ULC C842	Valves for Flammable and Combustible Liquids
ULC/ORD-C 142.17	Special Purpose Relocateable Above Ground Vertical Tanks for Flammable and Combustible Liquids
ULC/ORD-C142.14	Nonmetallic Bulk Containers for New Lubricating Oil
ULC/ORD-C142.18	Rectangular Steel Aboveground Tanks for Flammable and Combustible Liquids
ULC/ORD-C142.6	Storage Vaults
ULC/ORD-C58.15	Overfill Protection Devices for Flammable Liquid Storage Tanks
ULC/ORD-C58.15-1992	Overfill Protection Test Station for above and below ground tanks
ULC/ORD-C58.19	Spill Containment Devices for Underground Flammable Liquid Storage Tanks
ULC-S601	Steel, Aboveground Horizontal Tanks for Flammable and Combustible Liquids
ULC-S601.1	Metric Gauge Charts -Supplement to LC-S601-1975
ULC-S603	Steel Underground Tanks for Flammable and Combustible
ULC-S603.2	Metric Gauge Charts - Supplement to ULC-S603-1975 and ULC-S603.1-1977
ULC-S615	Reinforced Plastic Underground Tanks for Flammable and Combustible Products
ULC-S618	Magnesium and Zinc Anode Assemblies and Zinc Reference Electrodes
ULC-S630	Steel, Aboveground Vertical Tanks for Flammable and Combustible Liquids
ULC-S631	Isolating Bushings for Steel Underground Tanks Protected with External Corrosion Protection Systems
ULC-S643	Steel Aboveground Utility Tanks for Flammable and Combustible Liquids
ULC-S644	

	Emergency Breakaway Fittings for Flammable and Combustible Liquids
ULC-S645	Power Roof Ventilators for Commercial and Institutional Kitchen Exhaust Systems
ULC-S646	Exhaust Hoods and Related Controls for Commercial and Institutional Kitchens
ULC-S647	Exhaust Cleaning and Recirculation Assemblies for Commercial and Institutional Kitchens
ULC-S649	Grease Filters for Commercial and Institutional Kitchen Exhaust Systems
ULC-S651	Emergency Valves for Flammable and Combustible Liquids
ULC-S652	Standard for Tank Assemblies for Collection of Fuel Oil
ULC-S653	Aboveground Steel Contained Tank Assemblies for Flammable and Combustible Liquids
ULC-S655	Aboveground Protected Tank Assemblies for Flammable and Combustible Liquids
ULC-Subj. C910	Lighting devices other than electric: Decorative Insect Repellent Candles

NONDESTRUCTIVE EXAMINATION

Leak Testing:

ULC/ORD C58.12	Leak Detection Devices (Volumetric Type) for Underground Flammable Liquid Storage Tanks
----------------	---

TEXTILES AND FIBROUS MATERIALS

Apparel and Other Finished Textile Products:

(Carpets; Clothing; Floor Coverings; Furniture Coverings; Mattresses; Tents; Window Coverings)

Refer to the Major Heading **Textile Mill Products: (Including synthetic and natural fibres)**

Textile Mill Products: (Including synthetic and natural fibres)

Fabrics

Refer to the Minor heading **Yarns**

Fibres

Refer to the Minor heading **Yarns**

Yarns

CAN/CGSB - 4.2-M

Textile Test Methods

Only for:

- 1: Precision and Accuracy of Measurements
- 2: Conditioning Textile Materials for Testing
- 3: Determination of Moisture in Textiles
- 4.1: Textile Fabrics - Measurement of Width of Pieces
- 4.2: Textiles Fabrics - Measurement of Length of Pieces
- 6/ISO 7211/2: Textiles - Woven Fabrics - Construction - Methods of Analysis - Part 2 - Determination of Number of Threads per Unit Length
- 7: Knitted Fabric Count - Wales and Courses per Centimetre
- 9.1: Breaking Strength of Fabrics - Strip Method - Constant time to break Principle
- 9.2: Breaking Strength of Fabrics - Grab Method - Constant time to break Principle
- 9.3: Breaking Strength of High Strength Fabrics - Constant time to break Principle
- 9.4: Breaking Strength of Yarns - Single Strand Method
- 9.5: Breaking Strength of Yarns - Skein Method
- 9.6: Breaking Strength of Nonwoven Textiles
- 10: Elongation
- 12.1: Tearing Strength - Single Rip Method
- 20: Colourfastness to Water
- 21: Colourfastness to Sea Water
- 23: Colourfastness to Perspiration
- 25.1: Dimensional Change in Wetting
- 26.2: Water Resistance - Surface Wetting Test Spray Test
- 27: Burning Behaviour - Selection of Methods
- 27.1: Flame Resistance - Vertical Burning Test
- 27.2: Flame Resistance - Surface Burning Test
- 27.5: Flame Resistance - 45° Angle Test - One Second Flame Impingement
- 27.6: Flame Resistance - Methenamine Tablet Test for Textile Floor Coverings
- 27.7: Combustion Resistance of Mattresses Cigarette Test
- 32.2: Breaking Strength of Seams in Woven Fabrics
- 37: Fabric Thickness
- 39: Yarn Crimp
- 46/ISO 105 A02: Textiles - Tests for Colourfastness - Part A02: Grey Scale for Assessing Change in Colour
- 52.2/ISO 105 E03: Textiles - Tests for Colourfastness - Part E03: Colourfastness to Chlorinated Water (Swimming Pool Water)

Notes:

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

S. Cross, Director, Conformity Assessment

Date: 2009-09-23

Number of Scope Listings: 349

SCC 1003-15/170

Partner File #0

Partner: None