

## **SCOPE OF ACCREDITATION**

**Canadian Standards Association  
CSA INTERNATIONAL - TORONTO  
178 Rexdale Boulevard  
Etobicoke, ON  
M9W 1R3**

Accredited Laboratory No. 12  
(Conforms with requirements of CAN-P-4E (ISO/IEC 17025:2005))

CONTACT: Mr. Shawn Paulsen  
TEL: (416)747-4223  
EMAIL: [shawn.paulsen@csa-international.org](mailto:shawn.paulsen@csa-international.org)

CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Chemical/Physical, Electrical/Electronic, Mechanical/Physical,  
Optics & Optical Radiation

ISSUED ON: 2011-09-15

VALID TO: 2013-08-15

### **CONSTRUCTION**

#### **Building Constructions and Prefabricated Buildings**

##### **Dwellings**

CSA Z240-MH Series            Mobile Homes  
CSA Z241 Series                Park Model Trailers

##### **Construction Materials**

##### **Plumbing Products (See also ELAS, METAL and NONMETAL Sections)**

**(Ducting and Fittings, Electrical and Electronic)**

**(Fittings, Plumbing, Supply and Waste)**

**(Handling Equipment, Gaseous Fuels)**

**(Pipe, Soil)**

**(Plumbing Fixtures)**

**(Plumbing Systems)**

**(Sewage and Waste Handling Equipment)**

**(Water Handling Equipment)**

**(Water Handling Equipment, Potable)**

**(Vacuum Breakers and Backflow Preventers)**

ASME A112.18.1/CSA B125.1	Plumbing Supply Fittings
ASME A112.18.2/CSA B125.2	Plumbing Waste Fittings
ASME A112.18.6/CSA B125.6	Flexible Water Connectors
ASME A112.19.1/CSA B45.2	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures
ASME A112.19.2/CSA B45.1	Ceramic Plumbing Fixtures
ASME A112.19.3/CSA B45.4	Stainless Steel Plumbing Fixtures
CSA B125.3	Plumbing Fittings
CSA B127.1	Components for Use in Asbestos Cement Drain, Waste and Vent Systems
CSA B137.0	Definitions, General Requirements, and Methods of Testing for Thermoplastic Pressure Piping
CSA B137.1	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services
CSA B137.10	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe Systems Except for: Clauses Adhesion Test and Thermocycling
CSA B137.11	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications
CSA B137.16	Recommended Practice for the Installation of CPVC Piping for Hot and Cold Water Distribution Systems
CSA B137.3	Rigid Polyvinyl Chloride (PVC) Pipe for Pressure Applications Except for: the follow for Sizes over NPS 24: 4.7.1 Flattening, Impact, Flattening, Heat Reversion in PVC Moulded Fittings, Spark Test Except Heat Reversion in PVC Moulded Fittings for over NPS 8
CSA B137.4	Polyethylene Piping Systems for Gas Services Except for: Clause 3.3.3.5 - Chemical Resistance
CSA B137.4.1	Electrofusion-Type Polyethylene Fittings for Gas Services Except for: Clause 4.4 - Impact Test for Saddle Type Joints
CSA B137.5	Cross-linked Polyethylene (PEX) Tubing for Pressure Applications
CSA B137.6	CPVC Pipe, Tubing, and Fittings for Hot and Cold Water Distribution Systems

CSA B137.8	Polybutylene (PB) Piping for Pressure Applications Except for: Metal Components of mechanical fittings
CSA B137.9	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems Except for: Clauses Adhesion Test and Thermocycling
CSA B181.1	ABS Drain, Waste and Vent Pipe and Pipe Fittings
CSA B181.2	PVC Drain, Waste, and Vent Pipe and Pipe Fittings Except for: Dimensional Stability Test over NPS 6 Cycling Test, Breakaway Force Test and Offset Test for Piston-Type Expansion Joints other than Type 1
CSA B181.3	Polyolefin Laboratory Drainage Systems
CSA B182.1	Plastic Drain and Sewer Pipe and Pipe Fittings
CSA B182.2	PVC Sewer Pipe and Fittings (PSM Type)
CSA B182.4	Profile PVC Sewer Pipe and Fittings
CSA B182.6	Profile Polyethylene Sewer Pipe and Fittings
CSA B196.3	PVC Underground Telecommunication Cable Ducting and Fittings
CSA B272	Prefabricated Self-Sealing Vent Flashings
CSA B281	Aluminum Drain, Waste, and Vent Pipe and Components
CSA B45.0	CSA Standards on Plumbing Fixtures (including Standards on Fixtures for Use in Recreational Vehicles)
CSA B45.5	Plastic Plumbing Fixtures
CSA B45.6	Non-recirculating Toilets and Waste Holding Tanks for Use in Recreational Vehicles
CSA B45.7	Self-Contained, Recirculating, Chemically Controlled Toilets for Use in Recreational Vehicles
CSA B64.0	Backflow Preventers and Vacuum Breakers (Contains CAN/CSA-B64.10-M88, Backflow Prevention Devices-Selection, Installation, Maintenance and Field Testing) Except for: over 1 Pipe Size.
CSA B64.1.1	Vacuum Breakers, Atmospheric Type (AVB) Except for: over 1 Pipe Size
CSA B64.1.2	Vacuum Breakers, Pressure Type (PVB) Except for: over 1 Pipe Size
CSA B64.10	Backflow Prevention Devices -Selection, Installation, Maintenance, and Field Testing Except for: over 1 Pipe Size
CSA B64.2	Vacuum Breakers, Hose Connection Type (HCVB) Except for: over 1 Pipe Size
CSA B64.2.1	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature Except for: over 1 Pipe Size
CSA B64.2.2	Vacuum Breakers, Hose Connection Type (HCVB) With Automatic Draining Feature Except for: over 1 Pipe Size
CSA B64.3	Backflow Preventers, Dual Check Valve Type With Atmospheric Port (DCAP) Except for: over 1 Pipe Size

CSA B64.4	Backflow Preventers, Reduced Pressure Principle Type (RP) Except for: over 1 Pipe Size
CSA B64.5	Backflow Preventers, Double Check Valve Type (DCVA) Except for: over 1 Pipe Size
CSA B64.6	Backflow Preventers - Dual Check Valve Type Except for: over 1 Pipe Size
CSA B64.7	Vacuum Breakers - Laboratory Faucet Type Except for: over 1 Pipe Size
CSA B64.8	Backflow Preventers, Dual Check Valve Type with Intermediate Vent (DUCV) Except for: over 1 Pipe Size
CSA B70	Cast Iron Soil Pipe, Fittings, and Means of Joining
CSA B79	Floor Drains and Trench Drains
CSA Z240.3.1	Plumbing Requirements for Mobile Homes
CSA Z240.3.2	Plumbing Requirements for Recreational Vehicles
IAPMO PS 49	Backflow Prevention Requirements for Fixture Fittings with Hose Connected Singular Moveable Outlets
IAPMO TSC 1	Mechanical Seal Toilets for Use in Recreational Vehicles
IAPMO TSC 11	Non-Metallic Shower Receptors, Shower Stalls, Lavatories, Bathtubs and Step Tub/Shower Combination Waste Holding Tank and Shower Receptor Units
IAPMO TSC 14	Electric Water Pumps for use in Recreational Vehicles
IAPMO TSC 15	Hand Actuated Hand Pumps
IAPMO TSC 2	Waste Holding Tanks
IAPMO TSC 20	Stainless Steel Plumbing Fixtures for Use in Recreational Vehicles
IAPMO TSC 21	Backflow Preventers with Flexible Shower and Shampoo Hoses
IAPMO TSC 22	Porcelain Enameled Formed Steel Plumbing Fixtures
IAPMO TSC 23	Detachable Liquid Waste Holding Tank
IAPMO TSC 30	Termination Valves for use in Recreational Vehicles
IAPMO TSC 4	Pressurized and Non-Pressurized Potable Water Tanks for Use in Recreational Vehicles
IAPMO TSC 7	Non-Pressure Water Tubing or Piping for Use in Recreational Vehicle
IAPMO TSC 8	Backflow Preventers and Relief Valves

## **ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS**

### **(Electromagnetic Compatibility)**

ANSI C63.4-2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
AS/NZS CISPR 22 (2004)	Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement

CISPR 11	Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment
CISPR 13	Limits and Methods of Measurement of Radio Interference Characteristics of Sound and Television Broadcast Receivers and Associated Equipment
CISPR 14-1	Limits and Methods of Measurement of Ratio Disturbance Characteristics of Electrical Motor-Operated and Thermal Appliances for Household and Similar Purposes, Electric Tools and Electric Apparatus
CISPR 14-2	Electromagnetic Compatibility Requirements for Household Appliances, Electric Tools and Similar Apparatus Part 2: Immunity Product Family Standard
CISPR 15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
CISPR 20	Limits and Methods of Measurement of Immunity Characteristics of Sound and Television Broadcast Receivers and Associated Equipment
CISPR 22	Limits and methods of measurement of radio disturbance characteristics of information technology equipment
CISPR 24	Information Technology Equipment Immunity Characteristics Limits and Methods of Measurement
CNS 13438 (1997)	Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment
CSA C108.1.1	Electromagnetic Interference Measuring Instrument - CISPR Type
CSA C108.1.2	Electromagnetic Interference Measuring Instrument - ANSI Type
CSA C108.1.5	Line Impedance Stabilization Network (LISN)
CSA C108.3.1	Limits and Measurement Methods of Electromagnetic Noise from AC Power Systems, 0.15-30 MHz
CSA C108.4	Limits and Methods of Measurement of Radio Interference Characteristics of Vehicles, Motor Boats, and Spark-Ignited Engine-Driven Devices
CSA C108.6	Limits and Methods of Measurement of Electromagnetic Disturbance Characteristics of Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment (Adopted CISPR 11:1990)
CSA C108.8	Electromagnetic Emissions from Data Processing Equipment and Electronic Office Machines
EN 12015	Electromagnetic Compatibility Product Family Standard for Lifts, Escalators and Passenger Conveyers Emission
EN 12016	Electromagnetic Compatibility Product Family Standard for Lifts, Escalators and Passenger Conveyers Immunity
EN 55011	Limits and Methods of Measurement of Radio Disturbance Characteristics of Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment
EN 55013	Limits and Methods of Measurement of Radio Disturbance Characteristics of Broadcast Receivers and Associated

	Equipment
EN 55014-1	Electromagnetic Compatibility Requirements for Household Appliances, Electric Tools and Similar Apparatus Part 1: Emissions Product Family Standard
EN 55014-2	Electromagnetic Compatibility Requirements for Household Appliances, Electric Tools and Similar Apparatus Part 2: Immunity Product Family Standard
EN 55015	Limits and Methods of Measurement of Radio Disturbance Characteristics of Electrical Lighting and Similar Equipment
EN 55020	Electromagnetic Immunity of Broadcast Receivers and Associated Equipment
EN 55022	Limits and Methods of Measurement of Radio disturbance Characteristics of Information Technology Equipment
EN 55024	Information Technology Equipment Immunity Characteristics Limits and Methods of Measurement
EN 55103-1	Electromagnetic Compatibility Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional Use Part 1: Emission
EN 55103-2	Electromagnetic Compatibility Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional Use Part 2: Immunity
EN 60601-1-2	Medical Electrical Equipment - General Requirements for Safety - Collateral Standard: Electromagnetic Compatibility - Requirements and Tests
EN 60730-2-5	Automatic Electrical Controls for Household and Similar Use
EN 60947-4-1	Low-Voltage Switchgear and Controlgear Part 4: Contactors and Motor-Starters Section 1: Electromechanical Contactors and Motor Starters
EN 61000-3-2	Electromagnetic Compatibility (EMC) - Limits - Limits for Harmonic Current Emissions (Equipment Input Current $\leq 16$ A Per Phase)
EN 61000-3-3	Electromagnetic Compatibility (EMC) - Limits Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment With Rated Current $\leq 16$ A
EN 61000-4-11	Electromagnetic Compatibility (EMC) - Testing and Measuring Techniques Voltage Dips, Short Interruption, and Voltage Variations Immunity Tests
EN 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and Measurement Techniques - Ring Wave Immunity Test
EN 61000-4-13	Electromagnetic Compatibility (EMC) - Part 4-13: Testing and Measurement Techniques - Harmonics and Interharmonics Including Mains Signalling at A.C. Power Port, Low Frequency Immunity Tests
EN 61000-4-2	Electromagnetic Compatibility (EMC) - Testing and Measurement Techniques Electrostatic Discharge Immunity Test and Basic EMC Publication
EN 61000-4-3	Electromagnetic Compatibility (EMC) - Testing and Measurement Techniques Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

EN 61000-4-4	Electromagnetic Compatibility (EMC) - Testing and Measurement Techniques Electrical Fast Transient/Burst Immunity Test and Basic EMC Publication
EN 61000-4-5	Electromagnetic Compatibility (EMC) - Testing and Measurement Techniques Surge Immunity Test
EN 61000-4-6	Electromagnetic Compatibility (EMC) - Testing and Measurement Techniques Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields
EN 61000-4-8	Electromagnetic Compatibility - Testing and Measurement Techniques Power Frequency Magnetic Field Immunity Test - Basic EMC Publication
EN 61000-4-9	Electromagnetic Compatibility - Testing and Measuring Techniques Pulse Magnetic Field Immunity Test - Basic EMC Publication
EN 61000-6-1	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 1: Immunity for Residential, Commercial and Light-Industrial Environments
EN 61000-6-2	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 2: Immunity for Industrial Environments
EN 61000-6-3	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 3: Emission Standards for Residential, Commercial and Light-Industrial Environments
EN 61000-6-4	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 4: Emission Standards for Industrial Environments
EN 61326	Electrical Equipment for Measurement, Control and Laboratory Use EMC Requirements
EN 61543	Residual Current-Operated Protective Devices (RCDs) for Household and Similar Use Electromagnetic Compatibility
EN 61547	Equipment for General Lighting Purposes EMC Immunity Requirements
ENV 50204	Radiated Electromagnetic Field from Digital Radio Telephones - Immunity Test
ETSI EN 301 489-1	Electromagnetic Compatibility and Radio Spectrum Matters - Electromagnetic Compatibility (EMC) Standard for Radio Equipment and Services - Part 1: Common Technical Requirements
ETSI EN 301 489-4	Electromagnetic Compatibility and Radio Spectrum Matters - Electromagnetic Compatibility (EMC) Standard for Radio Equipment and Services - Part 4: Specific Conditions for Fixed Radio Links and Ancillary Equipment and Services
FCC Part 15 Class A & B	Title 47--Telecommunication - Chapter I--Federal Communications Commission - Part 15--Radio Frequency Devices
FCC Part 18 Consumer & non-Consumer	Title 47--Telecommunication - Chapter I--Federal Communications Commission - Part 18--Industrial, Scientific, and Medical Equipment
ICES-001	Industrial, Scientific and Medical Radio Frequency Generators
ICES-003	Digital Apparatus

ICES-005	Radio Frequency Lighting Devices
IEC 601-1-2	Medical electrical equipment - Part 1: General requirements for safety - 2. Collateral Standards: Electromagnetic compatibility - Requirements and tests
IEC 60601-1-2	Medical Electrical Equipment - General Requirements for Safety - Collateral Standard: Electromagnetic Compatibility - Requirements and Tests
IEC 60730-2-5	Automatic Electrical Controls for Household and Similar Use
IEC 60945	Maritime Navigation and Radio communication Equipment and Systems - General Requirements - Methods of Testing and Required Test Results Except for: Clauses: 8.7 Vibration 8.12 Corrosion (Salt Mist) 11.2 Compass Safe Distance
IEC 60947-4-1	Low-Voltage Switchgear and Control Gear Part 4: Contactors and Motor-Starters Section 1: Electromagnetic Contactors and Motor-Starters
IEC 61000-3-2	Electromagnetic Compatibility (EMC) Part 3 Limits Section 2: Limits of Harmonic Current Emission(Equipment Input Current Up To and Including 16A per Phase)
IEC 61000-3-3	Electromagnetic Compatibility (EMC) Part 3: Limits Section 3: Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment with Rated Current Up To 16A
IEC 61000-4-11	Electromagnetic Compatibility (EMC) Part4: Testing and Measurement Techniques Section 11: Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
IEC 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and Measurement Techniques - Oscillatory Waves Immunity Test
IEC 61000-4-13	Electromagnetic Compatibility (EMC) - Part 4-13: Testing and Measurement Techniques - Harmonics and Interharmonics Including Mains Signalling at A.C. Power Port, Low Frequency Immunity Tests
IEC 61000-4-2	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 2: Electrostatic Discharge Immunity Test
IEC 61000-4-3	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 3: Radiated, Radio-Frequency, Electromagnetic Field Immunity Test
IEC 61000-4-4	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 4: Electrical Fast Transient/Burst Immunity Test
IEC 61000-4-5	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 5: Surge Immunity Test
IEC 61000-4-6	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 6: Immunity to Conducted Disturbances, Induced by Radio Frequency Fields
IEC 61000-4-8	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 8: Power Frequency Magnetic Field Immunity Test

IEC 61000-4-9	Electromagnetic Compatibility (EMC) Part 4: Testing and Measurement Techniques Section 9: Pulse Magnetic Field Immunity Test
IEC 61000-6-1	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 1: Immunity for Residential Commercial and Light Industrial Environments
IEC 61000-6-2	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 2: Immunity for Industrial Environments
IEC 61000-6-3	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 3: Emission Standard for Residential Commercial and Light Industrial Environments
IEC 61000-6-4	Electromagnetic Compatibility (EMC) Part 6: Generic Standards Section 4: Emission Standard for Industrial Environments
IEC 61326	Electrical Equipment for Measurement, Control and Laboratory Use EMC Requirements
IEC 61543	Residual Current-Operated Protective Devices (RCDs) for Household and Similar Use Electromagnetic Compatibility
IEC 61547	Equipment for General Lighting Purposes EMC Immunity Requirements
KN 61000-4-11 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
KN 61000-4-2 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Electrostatic Discharge Immunity Test
KN 61000-4-3 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Radiated, Radio-Frequency, Electromagnetic Field Immunity Test
KN 61000-4-4 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Electrical Fast Transient/Burst Immunity Test
KN 61000-4-5 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Surge Immunity Test
KN 61000-4-6 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields
KN 61000-4-8 with RRL Notice No. 2005-83 (Sept. 29, 2005)	Power Frequency Magnetic Field Immunity Test
KN22 with RRL Notice No. 2005-82 (Sept. 29, 2005)	RRL Notice No. 2005-82: Technical Requirements for Electromagnetic Interference Annex 8 (KN-22), RRL Notice No. 2005-131: Conformity Assessment Procedures for Electromagnetic Interference

**(Elevator Equipment)**

CAN/CSA B355	Elevating Devices for the Handicapped
CAN/CSA B44	Safety Code for Elevators
CAN/CSA B44.1/ ASME-A17.5	Elevator and Escalator Electrical Equipment
CAN/CSA B613	Elevating Devices for the Handicapped in Private Residences

**Communications Equipment and Systems:**

## Power and Signal Distribution Equipment

### (Wiring and Related Products)

CSA C22.2 0.3	Test Methods for Electrical Wires and Cables
CSA C22.2 0.5	Threaded Conduit Entries
CSA C22.2 123	Aluminum Sheathed Cables Except for: FT4
CSA C22.2 124	Mineral-Insulated Cable Except for: FT4
CSA C22.2 126	Cable Tray Systems Except for: FT4
CSA C22.2 127	Equipment Wires
CSA C22.2 129	Neutral Supported Cable
CSA C22.2 130	Requirements for Electrical Resistance Heating Cables and Heating Device Sets Except for: Clauses 6.2.1.5 Partial Toxicity test in Appendix B.1
CSA C22.2 130.1	Heat-Tracing Cable Systems for Use in Industrial Locations
CSA C22.2 130.2	Heat-Tracing Cable Systems for Use in other than Industrial Locations
CSA C22.2 131	Type TECK 90 Cable Except for: FT4
CSA C22.2 138	Heat Tracing Cable and Cable Sets for Use in Hazardous Locations Except for:  Clauses 7.4.3 Explosion-Proof Test (Class I, Division 1 only) and 7.4.4 Overpressure (Class I, Division 1 only)
CSA C22.2 153	Quick-Connect Terminals
CSA C22.2 157	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA C22.2 158	Terminal Blocks
CSA C22.2 159	Attachment Plugs, Receptacles, and Similar Wiring Devices for Use in Hazardous Locations: Class I, Groups A, B, C, and D; Class II, Group G, in Coal or Coke Dust, and in Gaseous Mines Except for: Clauses 6.15.1 Enclosures - Explosion pressure, Explosion Flame Propagation and Over Pressure up to 2000 psig 6.15.2.2 Delayed Withdrawal and Plug Receptacle/Connector 6.16.2 Plug Receptacle/Connector - Dust Ignition 6.16.2.2 Delayed Withdrawal and Plug Receptacle/Connector
CSA C22.2 174	Cables and Cable Glands for Use in Hazardous Locations Except for: Clauses 4.3.2 Flame Test 4.3.4 Explosion (Cables with bundled sub-assemblies) 5.8.7 Explosion Class I Cable Glands with Integral Seals Only

CSA C22.2 179	Airport Series Lighting Cables
CSA C22.2 18	Outlet Boxes, Conduit Boxes, and Fittings
CSA C22.2 18.1	Metallic Outlet Boxes
CSA C22.2 18.3	Conduit, Tubing, and Cable Fittings
CSA C22.2 18.4	Hardware for Support of Conduit, Tubing, and Cable Fittings
CSA C22.2 18.5	Positioning Devices Except for: Smoke and Release Test
CSA C22.2 182.1	Industrial Type, Special Use Attachment Plugs, Receptacles, and Connectors
CSA C22.2 182.2	Industrial Locking Type, Special Use Attachment Plugs, Receptacles, and Connectors
CSA C22.2 182.3	Special Use Attachment Plugs, Receptacles, and Connectors
CSA C22.2 182.4	Plugs, Receptacles, and Connectors for Communication Systems
CSA C22.2 188	Splicing Wire and Cable Connectors
CSA C22.2 19	Construction and Test of Soldering Lugs
CSA C22.2 190	Capacitors for Power Factor Correction Only for: Clause 4.2.10 (Temperature Test) and for Clause 7.7.4.7 (Dielectric Test)
CSA C22.2 198	Extruded Insulating Tubing
CSA C22.2 198.2	Underground Cable Splicing Kits
CSA C22.2 198.3	Coated Electrical Sleeving
CSA C22.2 203	Modular Wiring Systems for Office Furniture
CSA C22.2 203.1	Manufactured Wiring Products
CSA C22.2 208	Fire Alarm and Signal Cable Except for: FT4 and Fire Rating
CSA C22.2 21	Cord Sets and Power-Supply Cords
CSA C22.2 210.2	Appliance Wiring Material Products
CSA C22.2 211.0	General Requirements and Methods of Testing for Nonmetallic Conduit
CSA C22.2 211.1	Rigid Types EB1 and DB2/ES2 PVC Conduit
CSA C22.2 211.2	Rigid PVC (Unplasticized) Conduit Except for: FT4
CSA C22.2 211.3	Rigid Reinforced Thermoset (RE) Conduit and Associated Fittings Except for: FT4
CSA C22.2 213	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CSA C22.2 214	Communications Cables Except for: FT4
CSA C22.2 222	Type FCC Under-Carpet Wiring System Except for: FT4
CSA C22.2 227.1	Electrical Nonmetallic Tubing Except for: FT4
CSA C22.2 227.2	Flexible Liquid-Tight Nonmetallic Conduit Except for: FT4
CSA C22.2 227.3	Flexible Nonmetallic Tubing

	Except for: FT4
CSA C22.2 230	Tray Cables Except for: FT4
CSA C22.2 232	Optical Fiber Cables Except for: FT4
CSA C22.2 233	Cords and Cord Sets for Communication Systems
CSA C22.2 239	Control and Instrumentation Cables Except for: FT4
CSA C22.2 244	Switchboards
CSA C22.2 245	Marine Shipboard Cable
CSA C22.2 26	Construction and Test of Wireways, Auxiliary Gutters and Associated Fittings
CSA C22.2 27	Busways Except for: 8.2.1 Verification of temperature-rise limits over 3KA 8.2.3.1 Short Circuit over 10KA 8.2.1.4 Temperature rise limits (heat cycling method) over 3kA 8.2.5.1 Verification of mechanical operation over 3kA 8.2.10 Verification of metallic coating finish thickness
CSA C22.2 34	Electrode Receptacles, Fittings, and Connectors for Gas Tubes
CSA C22.2 35	Extra-Low-Voltage Control Circuit Cables, Low-Energy Control Cable, and Extra-Low-Voltage Control Cable Except for: FT4
CSA C22.2 38	Thermoset Insulated Wires and Cables
CSA C22.2 40	Cutout, Junction, and Pull Boxes
CSA C22.2 42	General Use Receptacles, Attachment Plugs, and Similar Devices
CSA C22.2 42.1	Cover plates for Flush-Mounted Wiring Devices
CSA C22.2 43	Lampholders
CSA C22.2 44	Construction and Test of Flexible Non-Metallic Tubing
CSA C22.2 45	Rigid Metal Conduit
CSA C22.2 45.1	Electrical Rigid Metal Conduit - Steel
CSA C22.2 48	Nonmetallic Sheathed Cable
CSA C22.2 49	Flexible Cords and Cables
CSA C22.2 51	Armoured Cable Except for: FT4
CSA C22.2 52	Service-Entrance Cables Except for: CI 6.13.2 Vertical flame test Cables in cable tray - FT4
CSA C22.2 56	Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit Except for: FT4
CSA C22.2 57	Appliance Plugs for Heater Cord Sets
CSA C22.2 62	Surface Raceway Systems
CSA C22.2 62.1	Nonmetallic Surface Raceway Systems Except for: FT4
CSA C22.2 65	Wire Connectors
CSA C22.2 75	Thermoplastic-Insulated Wires and Cables

CSA C22.2 76	Splitters
CSA C22.2 79	Cellular Metal and Cellular Concrete Floor Raceways and Fittings
CSA C22.2 8	Electromagnetic Interference (EMI) Filters
CSA C22.2 80	Underfloor Raceways and Fittings
CSA C22.2 82	Tubular Support Members and Associated Fittings for Domestic and Commercial Service Masts
CSA C22.2 83	Electrical Metallic Tubing
CSA C22.2 83.1	Electrical Metallic Tubing - Steel
CSA C22.2 85	Rigid PVC Boxes and Fittings
CSA C22.2 96	Portable Power Cables Except for: FT4
CSA C22.2 96.1	Mine Power Feeder Cables Except for: FT4
CSA C68.3	Shielded and Concentric Neutral Power Cables Rated 5-46 kV. Except for: CI 6.4.4 : Vertical Flammability Test
UL 133	Wires and Cables With Varnished Cloth Insulation
UL 1426	Cables for Boats
UL 1659	Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords
UL 1673	Electric Space Heating Cables
UL 1686	Pin and Sleeve Configurations
UL 543	Impregnated-Fiber Electrical Conduit

### **Radio, Television and Electronic Apparatus**

CAN/CSA E384-1	Fixed Capacitors for Use in Electronic Equipment Part 1: Generic Specification-General Instruction No 1
CAN/CSA E384-14	Fixed Capacitors for Use in Electronic Equipment Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains-General Instruction No 1
CAN/CSA-E61965	Mechanical Safety of Cathode Ray Tubes
CSA C22.2 0.8	Safety Functions Incorporating Electronic Technology
CSA C22.2 60065	Audio, Video and Similar Electronic Apparatus - Safety Requirements
UL 1439	Determination of Sharpness of Edges on Equipment
UL 1667	Tall Institutional Carts for Use With Audio-, Video-, and Television-Type Equipment
UL 1678	Household, Commercial and Professional Use - Carts and Stands
UL 60065	Audio, Video and Similar Electronic Apparatus - Safety Requirements

### **Components and Assemblies:**

## Circuit Breakers and Fuses

CSA C22.2 106	HRC Fuses High-Interrupting-Capacity Fuses, Current-Limiting Types Except for: Short Circuit Over 10 KA
CSA C22.2 115	Meter Mounting Devices Except for: Devices Rated Over 200A
CSA C22.2 144	Ground Fault Circuit Interrupters Except for: devices rated over 30 A and for Clause 7.1, Corrosion Test
CSA C22.2 229	Switching and Metering Centres Except for: Devices over 10KA
CSA C22.2 235	Supplementary Protectors Except for: DC Rated Devices
CSA C22.2 248.1	Low-Voltage Fuses Part 1: General Requirements Except for: Devices rated over 600A and short circuit over 10 KA Low-Voltage Fuses Part 2: Class C Fuses
CSA C22.2 248.10	Low-Voltage Fuses Part 10: Class L Fuses Except for: Devices rated over 600A and Short Circuit over 10 KA
CSA C22.2 248.11	Low-Voltage Fuses Part 11: Plug Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.12	Low-Voltage Fuses Part 12: Class R Fuses Except for: Devices rated over 600A and Short Circuit over 10 KA.
CSA C22.2 248.13	Low-Voltage Fuses Part 13: Semiconductor Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.14	Low-Voltage Fuses Part 14: Supplemental Fuses Except for: Devices rated over 600A and Short Circuit over 10 KA.
CSA C22.2 248.15	Low-Voltage Fuses Part 15: Class T Fuses Except for: Devices rated over 600A and Short Circuit over 10 KA. Clause 8.4, Verification of Operation at Rated Voltage
CSA C22.2 248.2	Low-Voltage Fuses Part 2: Class C Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.3	Low-Voltage Fuses Part 3: Class CA & CB Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.4	Low-Voltage Fuses Part 4: Class CC Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.5	Low-Voltage Fuses Part 5: Class G Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.6	Low-Voltage Fuses Part 6: Class H - Non-renewable Except for: Devices rated over 600A and short circuit over 10

	KA
CSA C22.2 248.7	Low-Voltage Fuses Part 7: Class H - Renewable Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 248.8	Low-Voltage Fuses Part 8: Class J Fuses Except for: Devices rated over 600A and Short Circuit over 10 KA.
CSA C22.2 248.9	Low-Voltage Fuses Part 9: Class K Fuses Except for: Devices rated over 600A and short circuit over 10 KA
CSA C22.2 39	Fuseholder Assemblies
CSA C22.2 5	Moulded Case Switches and Circuit Breaker Enclosures - First Edition UL489
CSA E257	Fuse-holders for Miniature Cartridge Fuse-Links

### Switches and Controls

CAN/CSA-C60730-1	Automatic Electrical Controls for Household and Similar Use Part 1: General Requirements
CSA C22.2 111	General Use Switches
CSA C22.2 14	Industrial Control Equipment Limitations: Temperature Test at 10,000Amp Max Contact Interrupting Test 1,200 Amp Max Short Circuit Test 10,000Amp Max
CSA C22.2 156	Solid-State Speed Controls
CSA C22.2 177	Clock-Operated Switches
CSA C22.2 178	Automatic Transfer Switches Except for: Devices over 1,000Amp(total)
CSA C22.2 201	Metal-Enclosed High Voltage Busways Except for: Clauses 6.2.2 Impulse and 6.2.3 Corona Extinction
CSA C22.2 209	Thermal Cut-Offs
CSA C22.2 4	Enclosed Switches Except for: Devices rated over 225A and Short Circuit over 10 KA
CSA C22.2 76	Splitters
CSA E691	Thermal-Links -- Requirements and Application Guide
CSA E730-2-1	Part 2: Electrical Controls for Electrical Household Appliances
CSA E730-2-10	Part 2: Electrically Operated Motor Starting Relays
CSA E730-2-11	Part 2: Energy Regulators
CSA E730-2-12	Part 2: Electrically Operated Door Locks
CSA E730-2-2	Part 2: Thermal Motor Protectors
CSA E730-2-3	Part 2: Thermal Protectors for Ballasts for Tubular Fluorescent Lamps
CSA E730-2-4	Part 2: Thermal Motor Protectors for Motor Compressors of Hermetic and Semi-Hermetic Type
CSA E730-2-5	Part 2: Automatic Electrical Burner Control Systems
CSA E730-2-6	

	Part 2: Automatic Electrical Pressure Sensing Controls, Including Mechanical Requirements
CSA E730-2-7	Part 2: Timers and Time Switches
CSA E730-2-8	Part 2: Electrically Operated Water Valves, Including Mechanical Requirements
CSA E730-2-9	Part 2: Temperature Sensing Controls

## **Transformers**

(Transformers/Power Supplier/Rectifiers)

CAN/CSA-E61558-1	Safety of Power Transformers, Power Supply Units and Similar - Part 1: General Requirements and Tests
CAN/CSA-E61558-2	Safety of Power Transformers, Power Supply Units and Similar - Part 2: Particular Requirements for Separating Transformers for General Use
CAN/CSA-E61558-2-13	Safety of Power Transformers, Power Supply Units and Similar Devices - Part 2-13: Particular Requirements for Auto-Transformers for General Use
CAN/CSA-E61558-2-2	Safety of Power Transformers, Power Supply Units and Similar - Part 2-2: Particular Requirements for Control Transformers
CAN/CSA-E61558-2-4	Safety of Power Transformers, Power Supply Units and Similar - Part 2: Particular Requirements for Isolating Transformers for General Use
CAN/CSA-E61558-2-5	Safety of Power Transformers, Power Supply Units and Similar - Part 2-5: Particular Requirements for Shaver Transformers and Shaver Supply Units
CAN/CSA-E61558-2-6	Safety of Power Transformers, Power Supply Units and Similar - Part 2: Particular Requirements for Safety Isolating Transformers for General Use
CSA C22.2 107.1	General Use Power Supplies
CSA C22.2 107.2	Battery Chargers
CSA C22.2 107.3	Uninterruptible Power Systems
CSA C22.2 13	Transformers for Luminous-Tube Signs, Oil- or Gas-Burner Ignition Equipment, Cold-Cathode Interior Lighting
CSA C22.2 173	Transformers for Toy and Hobby Use
CSA C22.2 180	Series Isolating Transformers for Airport Lighting
CSA C22.2 223	Power Supplies with Extra-Low-Voltage Class 2 Outputs Except for: Over 10KVA.
CSA C22.2 66	Specialty Transformers Except for: Over 10KVA
CSA C802.1	Minimum Efficiency Values for Liquid-Filled Distribution Transformers
CSA E742	Isolating Transformers and Safety Isolating Transformers - Requirements Except for: Over 10KVA
EN 60742	Isolating Transformers and Safety Isolating Transformers Requirements Except for: Over 10KVA.

UL 1778	Uninterruptible Power Supplies
UL 458	Converters and Power Converter Systems for Recreational Vehicles

### **Electrical Appliances:**

#### **Cooking and Liquid Heating**

C300	Capacity Measurement and Energy Consumption Test Methods for Refrigerators, Combination Refrigerator-Freezers, and Freezers
CSA B45 Series Supplement No. 1	Hydromassage Bathtubs
CSA C191.0	CSA Standards on Performance of Electric Storage Tank Water Heaters
CSA C191.1	Performance Options for Electric Storage Tank Water Heaters
CSA C22.2 101	Electrically Heated Bedding Appliances for Household Use
CSA C22.2 104	Humidifiers and Evaporative Coolers
CSA C22.2 109	Commercial Cooking Appliances
CSA C22.2 110	Construction and Test of Electric Storage Tank Water Heaters
CSA C22.2 113	Fans and Ventilators
CSA C22.2 117	Room Air Conditioners
CSA C22.2 120	Refrigeration Equipment
CSA C22.2 122	Hand-Held Electrically Heated Tools
CSA C22.2 128	Vending Machines
CSA C22.2 140.2	Hermetic Refrigerant Motor-Compressors
CSA C22.2 140.3	Refrigerant-Containing Components for Use in Electrical Equipment
CSA C22.2 15	Electrically Heated Warming Pads
CSA C22.2 150	Microwave Ovens
CSA C22.2 155	Electric Duct Heaters
CSA C22.2 164	Electric Sauna Heaters
CSA C22.2 165	Electric Boilers
CSA C22.2 187	Electrostatic Air Cleaners
CSA C22.2 195	Motor Operated Food Processing Appliances (Household and Commercial)
CSA C22.2 209	Thermal Cut-Offs
CSA C22.2 218.1	Spas, Hot Tubs, and Associated Equipment
CSA C22.2 218.2	Hydromassage Bathtub Appliances
CSA C22.2 224	Radiant Heaters and Infrared and Ultraviolet Lamp Assemblies for Cosmetic or Hygienic Purposes in Nonmedical Applications
CSA C22.2 23.1	Electric Furnaces in Combination with Solid Fuel Fired Furnaces Except for: Solid Fuel Portion
CSA C22.2 236	Heating and Cooling Equipment, 600V maximum
CSA C22.2 24	Temperature-Indicating and Regulating Equipment

CSA C22.2 3	Electrical Features of Fuel-Burning Equipment
CSA C22.2 46	Electric Air-Heaters
CSA C22.2 61	Household Cooking Ranges
CSA C22.2 63	Household Refrigerators and Freezers
CSA C22.2 64	Household Cooking and Liquid-Heating Appliances
CSA C22.2 72	Heater Elements
CSA C22.2 88	Construction and Test of Industrial Heating Equipment
CSA C22.2 92	Dehumidifiers
CSA C309	Performance Requirements for Glass-Lined Storage Tanks for Household Hot Water Service
CSA C358	Energy Consumption Test Methods for Household Electric Ranges
CSA C361	Test Method for Measuring Energy Consumption and Drum Volume of Electrically Heated Household Tumble-Type Clothes Dryers
CSA C749	Performance of Dehumidifiers
CSA E335-1 Edition 2	Safety of Household and Similar Electrical Appliances Part 1: General Requirements
CSA E335-1 Edition 3	Safety of Household and Similar Electrical Appliances Part 1: General Requirements
CSA E335-2-12	Part 2: Warming Plates and Similar Appliances
CSA E335-2-13	Part 2: Frying Pans, Deep Fat Fryers, and Similar Appliances
CSA E335-2-14	Part 2: Electric Kitchen Machines
CSA E335-2-24	Part 2: Refrigerators, Food-Freezers and Ice-Makers
CSA E335-2-30	Part 2: Room Heaters
CSA E335-2-31	Part 2: Range Hoods
CSA E335-2-33	Part 2: Coffee Mills and Coffee Grinders
CSA E335-2-34	Part 2: Motor-Compressors
CSA E335-2-36	Part 2: Commercial Electric Cooking Ranges, Ovens and Hob Elements
CSA E335-2-40	Part 2: Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
CSA E335-2-41	Part 2: Electric Pumps for Liquids Having a Temperature Not Exceeding 35°C
CSA E335-2-45	Part 2: Portable Electric Heating Tools and Similar Appliances
CSA E335-2-51	Part 2: Stationary Circulation Pumps for Heating and Service Water Installations
CSA E335-2-57	Part 2: Ice-cream Appliances With Incorporated Motor-Compressors
CSA E335-2-63	Part 2: Commercial Electric Water Boilers and Liquid Heaters
CSA E335-2-64	Part 2: Commercial Electric Kitchen Machines
CSA E335-2-9	Part 2: Toasters, Grills, Roasters and Similar Appliances
CSA E342-1-95	Fans and Regulators for Household and Similar Purposes
UL 1563	Electric Spas, Equipment Assemblies, and Associated Equipment
UL 1995	Heating and Cooling Equipment, 600 V maximum

**Lighting and Fixtures**

CSA C22.2 12	Portable Luminaires
CSA C22.2 137	Electric Luminaires for Use in Hazardous Locations Except for: Clauses 4.9.3 Explosion Proof and 4.9.4 Flame-Proof
CSA C22.2 141	Unit Equipment for Emergency Lighting
CSA C22.2 166	Stage and Studio Luminaires
CSA C22.2 184	Solid-State Lighting Controls
CSA C22.2 184.1	Solid-State Dimming Controls
CSA C22.2 207	Portable and Stationary Electric Signs and Displays
CSA C22.2 250	Luminaires Except for: Clause 9.2.3.2 large scale fallout and Clause 9.2.3.3 impingement fire .
CSA C22.2 37	Christmas Tree and Other Decorative Lighting Outfits
CSA C22.2 74	Equipment for Use with Electric Discharge Lamps
CSA C22.2 84	Incandescent Lamps
CSA C22.2 89	Swimming-Pool Luminaires, Submersible Luminaires and Accessories
CSA C22.2 9.0	General Requirements for Luminaires
CSA C654	Fluorescent Lamp Ballast Efficacy Measurements
CSA C860	Performance of Internally Lighted Exit Signs
CSA C861	Performance of Compact Fluorescent Lamps and Ballasted Adapters
CSA C862	Performance of Incandescent Reflector Lamps
UL2388	Flexible Lighting Products

**Miscellaneous Electrical Appliances (Specify)**

CSA C22.2 0.15	Adhesive Labels
CSA C22.2 102	Brooders and Incubators
CSA C22.2 103	Electric Fence Controllers
CSA C22.2 189	High-Voltage Insect Killers
CSA C22.2 191	Engine Heaters and Battery Warmers
CSA C22.2 199	Combustion Safety Controls and Solid-State Igniters for Gas- and Oil-Burning Equipment
CSA C22.2 200	Electric Waterbed Heater Systems
CSA C22.2 221	Electrically Heated Hobby and Educational Type Kilns
CSA C22.2 224	Radiant Heaters and Infrared and Ultraviolet Lamp Assemblies for Cosmetic or Hygienic Purposes in Nonmedical Applications
CSA C22.2 36	Hairdressing Equipment
CSA C22.2 81	Electric Irons
CSA C22.2 99	Construction and Test of Domestic Electric Ironing Machines
CSA E335-2-18	Part 2: Guide for Preparing Safety Requirements for Battery-Powered Motor-Operated Appliances and Their Charging and Battery Assemblies

CSA E335-2-19	Part 2: Battery-Powered Shavers, Hair Clippers and Similar Appliances and Their Charging and Battery Assemblies
CSA E335-2-20	Part 2: Battery-Powered Toothbrushes and Their Charging and Battery Assemblies
CSA E335-2-23	Part 2: Appliances for Skin or Hair Care
CSA E335-2-27	Part 2: Ultra-Violet and Infra-Red Radiation Skin Treatment Appliances for Household Use
CSA E335-2-29	Part 2: Battery Chargers
CSA E335-2-44	Part 2: Electric Ironers
CSA E335-2-59	Part 2: Insect Killers
CSA E335-2-70	Part 2: Milking Machines
CSA E335-2-8	Part 2: Electric Shavers, Hair Clippers and Similar Appliances
CSA Notice 516	Surge/Transient Voltage Suppressors
CSA-E60335-2-76	Safety of Household and Similar Electrical Appliances - Part 2: Particular Requirements for Electric Fence Energizers
FM 3810	Electrical and Electronic Test, Measuring, and Process Control Equipment

### **Motor Operated Electrical Appliances**

CSA C22.2 10	Electric Floor Surfacing and Cleaning Machines
CSA C22.2 105	Electrical Equipment for Woodworking Machinery
CSA C22.2 112	Clothes Drying Machines
CSA C22.2 147	Motor-Operated Gardening Appliances
CSA C22.2 243	Vacuum Cleaners and Blower Cleaners
CSA C22.2 247	Garage Door Operators and Systems
CSA C22.2 68	Motor-Operated Appliances (Household and Commercial)
CSA C22.2 71.1	Portable Electric Tools
CSA C22.2 71.2	Electric Bench Tools
CSA C22.2 73	Construction and Test of Electrically-Equipped Machine Tools
CSA E1029-1	Transportable Motor-Operated Electric Tools (Portable Power Tools) Part 1: General Requirements
CSA E1029-2-1	Part 2: Circular Saws
CSA E1029-2-2	Part 2: Radial Arm Saws
CSA E1029-2-3	Part 2: Planers and Thicknessers
CSA E1029-2-4	Part 2: Bench Grinders
CSA E1029-2-5	Part 2: Band Saws
CSA E1029-2-6	Part 2: Diamond Drills With Water Supply
CSA E1029-2-7	Part 2: Diamond Saws With Water Supply
CSA E335 2 56	Part 2: Particular Requirements for Projectors and Similar Appliances
CSA E335 2 82	Part 2-82: Particular Requirements for Service Machines and Amusement Machines
CSA E335-2-10	Part 2: Floor Treatment Machines and Wet Scrubbing Machines
CSA E335-2-11	Part 2: Tumbler Dryers

CSA E335-2-16	Part 2: Food Waste Disposers
CSA E335-2-2	Part 2: Vacuum Cleaners and Water Suction Cleaning Appliances
CSA E335-2-26	Part 2: Clocks
CSA E335-2-28	Part 2: Sewing Machines
CSA E335-2-32	Part 2: Massage Appliances
CSA E335-2-4	Part 2: Spin Extractors
CSA E335-2-52	Part 2: Oral Hygiene Appliances Connected to the Mains Supply Through a Safety Isolating Transformer
CSA E335-2-54	Part 2: General Purpose Cleaning Appliances
CSA E335-2-55	Part 2: Electrical Appliances for Use With Aquariums and Garden Ponds
CSA E335-2-67	Part 2: Floor Treatment and Floor Cleaning Machines, for Industrial and Commercial Use
CSA E335-2-68	Part 2: Spray Extraction Appliances For Industrial and Commercial Use
CSA E335-2-69	Part 2: Wet and Dry Vacuum Cleaners, Including Power Brush, for Industrial and Commercial Use
NFPA 79	Electrical Standard for Industrial Machinery
UL 1450	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
UL 1556	Electric Coin-Operated Clothes-Drying Equipment
UL 1624	Light Industrial Tools
UL 560	Electric Home-Laundry Equipment

### **Washing Equipment**

CSA C22.2 167	Household Dishwashing Machines
CSA C22.2 168	Commercial Dishwashing Machines
CSA C22.2 169	Clothes Washing Machines
CSA C22.2 53	Electric Washing Machines
CSA C360	Test Method for Measuring Energy Consumption and Capacity of Automatic Household Clothes Washers
CSA C373	Energy Consumption Test Methods for Household Dishwashers
UL 1555	Electric Coin-Operated Clothes-Washing Equipment
UL 560	Electric Home-Laundry Equipment

### **Equipment, Miscellaneous**

CSA C22.2 0	General Requirements Canadian Electrical Code, Part II
CSA C22.2 160	Voltage and Polarity Testers

### **(Enclosed Equipment)**

CSA E61241-1-1	Electrical Apparatus for Use in the Presence of Combustible
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NFPA 496 Dust - Part 1: Electrical Apparatus Protected by Enclosures  
Purged and Pressurized Enclosures for Electrical Equipment

### **Conductors**

CSA C22.2 0.12 Wiring Space and Wire Bending Space in Enclosures for  
Equipment Rated 750 V or Less  
CSA C22.2 27 Busways

### **Enclosures**

CSA C22.2 25 Enclosures for Use in Class II, Groups E, F and G Hazardous  
Locations  
Except for: Clause 5.2 Dust-tightness  
CSA C22.2 30 Explosion-Proof Enclosures for Use in Class I Hazardous  
Locations  
Except for: Clauses 6.3 Explosion Pressure Test, 6.4  
Arc-Rupturing, 6.5 Explosion Flame Propagation Test  
CSA C22.2 94 Special Purpose Enclosures  
Except for: Sleet and Ice Formation Test  
CSA E60079-1 Electrical Apparatus for Explosive Gas Atmospheres - Part 1:  
Flameproof Enclosures "d".  
Except for: Clauses:  
15.1.2 Determination of Explosive Pressure  
15.2 Test for non-transmittal of an internal ignition  
15.4.1 Test of ability of the enclosure to withstand pressure  
15.4.2 Thermal Tests  
19.3.1.3 Test of erosion of flame  
CSA E79-1A Constructions and Verifications Test of Flame Proof Enclosure  
of Electrical Apparatus  
IEC 60529 Degrees of Protection Provided by Enclosures (IP Code)  
UL 887 Delayed-Action Timelocks

### **Grounding**

CSA C22.2 0.4 Bonding and Grounding of Electrical Equipment (Protective  
Grounding)  
CSA C22.2 41 Grounding and Bonding Equipment  
Except for: Clauses 6.4 Short Circuit Current over 10,000A

### **Hazardous Location Equipment**

ANSI/ISA 12.13.01-2000 Performance Requirements for Combustible Gas Detectors  
Except for: Clause 3.8 Vibration Test  
CSA E79-0 Electrical Apparatus for Explosive Gas Atmospheres - Part 0:  
General Requirements  
CSA E79-11 Electrical Apparatus for Explosive Gas Atmospheres - Part 11:  
Intrinsic Safety i

CSA E79-15	Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Electrical Apparatus with Type of Protection n Except for: Clauses 26.10 - Test for Screw Lampholders and 26.11 - Test for Starter Hodlers for Luminaires
CSA E79-18	Electrical Apparatus for Explosive Gas Atmospheres - Part 18: Encapsulation m Except for: Cl 6.3 IEC 79.0 Surface Resistance and Cl 3.1 Annex C Resistance to light
CSA E79-2	Electrical Apparatus for Explosive Gas Atmospheres Part 2: Electrical Apparatus Type of Protection "p"
CSA E79-7	Electrical Apparatus for Explosive Gas Atmospheres - Part 7: Increased Safety e Except for: Cl 6.2 Annex B Rotor Temperature Measurement
EN 50018	Electrical Apparatus for Potentially Explosive Atmospheres - Flameproof Enclosure d
EN 50019	Electrical Apparatus for Potentially Explosive Atmospheres - Intrinsic Safety e
EN 50020	Electrical Apparatus for Potentially Explosive Atmospheres - Intrinsic Safety i Except for: Clause 10.12 - Type Tests for Diode Safety Barriers
EN 50021	Electrical Apparatus for Potentially Explosive Atmospheres Type of Protection n . Except for: Clause 26.4 Test for Screw Lampholder
EN 50028	Electrical Apparatus for Potentially Explosive Atmospheres - Encapsulation m
EN 50039	Electrical Apparatus for Potentially Explosive Atmospheres - Intrinsically Safe Electrical System i
EN 50281-1-1	Electrical Apparatus for Use in the Presence of Combustible Dust
IEC 60079-0	Electrical Apparatus for Potentially Explosive Atmospheres - General Requirements
IEC 60079-2	Electrical Apparatus for Potentially Explosive Atmospheres - Pressurized Apparatus p

## **Panels**

CSA C22.2 29	Panelboards and Enclosed Panelboards Except for: Short Circuit over 10 KA
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## **Welding**

CSA C22.2 60	Arc Welding Equipment Except for: Engine driven welder test
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## **Information Processing and Business Equipment:**

### **(Generally Applicable Tests)**

AS/NZ 60950 (2000)	Safety of Information Technology Equipment
AS/NZS 3260 (1993) + Supplement 1 (1996)	Safety of Information Technology Equipment including Electrical Business Equipment
AS/NZS 4117 (1999)	Surge Protective Devices for Telecommunications Applications
AS/NZS 60950.1 (2003)	Information Technology Equipment - Safety - Part 1: General Requirements (IEC 60950-1:2001, MOD)
CAN/CSA 60950-1-07	Information Technology Equipment Safety Part 1: General Requirements - Second Edition

### **Photocopying and Related Equipment**

CSA E335-2-56	Part 2: Projectors and Similar Appliances
CSA E491	Safety Requirements for Electronic Flash Apparatus for Photographic Purposes

### **Materials:**

#### **Plastics**

CSA C22.2 0.17	Evaluation of Properties of Polymeric Compounds Except for: clause 5.2, Charpy Impact
CSA C22.2 197	PVC Insulating Tape

#### **(Labels)**

C22.2 No. 0.15	Adhesive Labels
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### **Medical Devices:**

#### **Breathing Apparatus and Equipment**

##### **(First Aid - Medical Gas System)**

CSA Z168.5.1	Anesthesia Ventilators
CSA Z305.1	Nonflammable Medical Gas Piping Systems
CSA Z305.2	Low-Pressure Connecting Assemblies for Medical Gas Systems
CSA Z76.1	Recloseable Child Resistant Packages

#### **Treatment Equipment**

CSA C22.2 114	Diagnostic Imaging and Radiation Therapy Equipment
CSA C22.2 125	Electromedical Equipment

CSA C22.2 601.1	Medical Electrical Equipment, Part 1: General Requirements for Safety Except for: Laser Measurement
CSA C22.2 601.1.1	Medical Electrical Equipment, Part 1: General Requirements for Safety -- 1. Collateral Standard: Safety Requirements for Medical Electrical Systems
CSA C22.2 601.1.2	Medical Electrical Equipment, Part 1: General Requirements for Safety -- 2. Collateral Standard: Electromagnetic Compatibility -- Requirements and Tests
CSA C22.2 601.1S1	Supplement No. 1-94 to CAN/CSA-C22.2 No. 601.1-M90-Medical Electrical Equipment, Part 1: General Requirements for Safety
CSA C22.2 601.2.1	Medical Electrical Equipment, Part 2: Particular Requirements for Medical Electron Accelerators in the Range 1 MeV to 50 MeV
CSA C22.2 601.2.10	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Nerve and Muscle Stimulators
CSA C22.2 601.2.11	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Gamma Beam Therapy Equipment
CSA C22.2 601.2.11S1	Supplement No. 1-94 to CAN/CSA C22.2 No. 601.2.11-92
CSA C22.2 601.2.12	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Anaesthetic Machines
CSA C22.2 601.2.14	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Electroconvulsive Therapy Equipment
CSA C22.2 601.2.15	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Capacitor Discharge X-Ray Generators
CSA C22.2 601.2.16	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Haemodialysis Equipment
CSA C22.2 601.2.17	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Remote-Controlled Automatically-Driven Gamma-Ray Afterloading Equipment
CSA C22.2 601.2.18	Endoscopic Equipment
CSA C22.2 601.2.19	Baby Incubators
CSA C22.2 601.2.2	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of High Frequency Surgical Equipment
CSA C22.2 601.2.20	Medical Electrical Equipment, Part 2: Particular Requirement for the Safety of Transport Incubators
CSA C22.2 601.2.22	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Diagnostic and Therapeutic Laser Equipment
CSA C22.2 601.2.25	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Electrocardiographs
CSA C22.2 601.2.28	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of X-Ray Source Assemblies and X-Ray Tube Assemblies for Medical Diagnosis
CSA C22.2 601.2.29	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Radiotherapy Simulators
CSA C22.2 601.2.3	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Short-Wave Therapy Equipment
CSA C22.2 601.2.4	

	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Cardiac Defibrillators and Cardiac Defibrillators-Monitors
CSA C22.2 601.2.5	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Ultrasonic Therapy Equipment
CSA C22.2 601.2.6	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Microwave Therapy Equipment
CSA C22.2 601.2.7	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of High-Voltage Generators of Diagnostic X-Ray Generators
CSA C22.2 601.2.8	Medical Electrical Equipment, Part 2: Particular Requirements for the Safety of Therapeutic X-Ray Generators
CSA C22.2 601.2.9	Medical Electrical Equipment, Part 2: Particular requirements for the Safety of Dosimeters Used in Radiotherapy with Electrically-Connected Radiation Detectors

**Motors, Generators, and Machines:**

**Complete Unit**

CSA C22.2 100	Motors and Generators Except for: 51-200HP motors
CSA C22.2 145	Motors and Generators for Use in Hazardous Locations Except for: 7.1 Explosion 7.1.2 Maximum explosion pressure, 7.1.3 Explosion flame propagation 7. 2 Overpressure tests over 2000 psig 7.3 Abnormal temperature over 50 HP 10.2 Abnormal temperature (blanketing) over 50 HP
CSA C22.2 33	Construction and Test of Cranes and Hoists Except for: Clause 8.3 - Slip Clutch Test
CSA C22.2 77	Motors with Inherent Overheating Protection
CSA C390	Energy Efficiency Test Methods for Three-Phase Induction Motors (Efficiency Quoting Method and Permissible Efficiency Tolerance) Except for: 51-200HP motors
UL 2111	Overheating Protection for Motors

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

**(Complete Units)**

CSA C22.2 1010.1	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements Except for: Cl. 12.6 ref IEC 825, Laser Measurement
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CSA C22.2 1010.2.010	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use -- Part 2 010: Particular Requirements for Laboratory Equipment for the Heating of Materials
CSA C22.2 1010.2.020	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-020: Particular Requirements for Laboratory Centrifuges
CSA C22.2 1010.2.031	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-031: Particular Requirements for Hand-held Probe Assemblies for Electrical Measurement and Test
CSA C22.2 1010.2.032	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-032: Particular Requirements for Hand-Held Current Clamps for Electrical Measurement and Test
CSA C22.2 1010.2.041	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-041: Particular Requirements for Autoclaves using Steam for the Treatment of Medical Materials, and for Laboratory Processes
CSA C22.2 1010.2.051	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring
CSA C22.2 1010.2.061	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use -- Part 2-061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization
CSA C22.2 151	Laboratory Equipment
CSA C22.2 231	CSA Safety Requirements for Electrical and Electronic Measuring and Test Equipment
CSA C22.2 61010-2-042	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-042: Particular Requirements for Autoclaves and Sterilizers Using Toxic Gas for the Treatment of Medical Materials, and for Laboratory Processes
CSA C22.2 61010-2-043	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-043: Particular Requirements for Dry Heat Sterilizers Using Either Hot Air or Hot Inert Gas for the Treatment of Medical Materials, and for Laboratory Processes
UL 3101-1	Electrical Equipment for Laboratory Use; Part 1: General Requirements
UL 3111-1	Electrical Measuring and Test Equipment; Part 1: General Requirements
UL 61010-2-010	Electrical Equipment for Laboratory Use; Part 2: Particular Requirements for Laboratory Equipment for the Heating of Materials
UL 61010-2-041	Electrical Equipment for Laboratory Use; Part 2: Particular Requirements for Autoclaves Using Steam for Treatment of Medical Materials and for Laboratory Processes

UL 61010-2-051

Electrical Equipment for Laboratory Use; Part 2: Particular Requirements for Laboratory Equipment for Mixing and Stirring

## **ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

### **Occupational Health and Safety:**

#### **Personal Protection**

##### **(Fall Arresting Equipment, Head, and Limbs)**

ANSI A14.1/14.2/14.3/14.5/14.7	Ladders
ANSI B175.1A	Chain Saws
ANSI Z359.1-1992	Safety Requirements for Personnel Fall Arrest Systems, Subsystems and Components
ANSI Z41	American National Standard for Personnel Protection-Protective Footwear
ANSI Z87.1	Practice for Occupational and Educational Eye and Face Protection
CSA D230	Protective Headgear in Motor Vehicle Applications
CSA Z11	Portable Ladders
CSA Z195	Protective Footwear
CSA Z259.10	Full Body Harnesses
CSA Z259.1-95	Safety Belts and Lanyards
CSA Z259.2	Fall-Arresting Devices, Personnel Lowering Devices, and Life Lines
CSA Z259.3	Lineman's Body Belt and Lineman's Safety Strap
CSA Z292.11	Shock Absorbers for Personnel Fall Arrest Systems
CSA Z611	Police Riot Helmets and Faceshield Protection
CSA Z94.1	Industrial Protective Headwear
CSA Z94.3	Industrial Eye and Face Protectors

#### **Warning Devices**

CSA C22.2 152	Combustible Gas Detection Instruments Except for: Clause 6.6.3 - Vibration Test
CSA C22.2 205	Signal Equipment
FM 6310,20	Combustible Gas Detector
UL 1023	Household Burglar Alarm System Units
UL 912	Highway Emergency Signals

### **Water Quality:**

#### **Drinking Waters**

NSF/ANSI 60	Drinking Water Treatment Chemicals - Health Effects Refer to methods outlined under NSF/ANSI 61
NSF/ANSI-42	Drinking Water Treatment Units - Aesthetic Effects Refer to methods outlined under NSF/ANSI 61
NSF/ANSI-53	Drinking Water Treatment Units - Health Effects Refer to methods outlined under NSF/ANSI 61
NSF/ANSI-61 Ref SCC 1003-15/007 (1.2.5)	Drinking Water System Components - Health Effects Only for: -- SOP383.13 (modified EPA 150.1 - pH) -- SOP383.21 (modified SM 2540C - Total) Dissolved Solids -- SOP383.15 (modified SM 2130B - Turbidity) -- SOP383.22 (modified EPA 200.8 - Trace Elements by ICP-MS) -- SOP383.35 (modified EPA 200.9 - Lead by Graphite Furnace) -- SOP383.19 (modified SM 3111B, EPA 215.1, 236.1, 242.1 - Metals by AA -- Ca, Mg & Fe) -- SOP383.18 (modified EPA 245.1 - Mercury) -- SOP383.33 (modified EPA 310.1 - Alkalinity) -- SOP383.10 (modified EPA 330.5 - Free Chlorine) -- SOP383.14 (modified EPA 415.2 - TOC) -- SOP383.16 (modified EPA 524.2 - VOCs) -- SOP383.17 (modified EPA 525.2 - Pesticide, Phthalates, PAHs) -- SOP383.29 (modified EPA 528 - Phenols) -- SOP383.23 (modified SM 2340B, EPA 130.1 - Hardness) -- SOP383.11 (modified SM2510B - Conductivity) -- SOP383.38 (modified EPA 8315A - Formaldehyde by Liquid-Liquid Extraction GC Method)

### **Industrial Chemicals and Wastes**

NSF/ANSI-46	Evaluation of Components and Devices Used in Wastewater Treatment Systems
NSF-41	Non-liquid Saturated Treatment Systems

## **MACHINERY**

### **Boilers, Pressure Vessels and Piping:**

#### **Pumps and Related Equipment**

CSA C22.2 108	Liquid Pumps
CSA C22.2 139	Electrically Operated Valves Except for: Clauses 6.5.2 Opening and closing safety valves and 6.5.4.2 Operating Times
CSA C22.2 139 Clause 6.5	Electrically Operated Valves

CSA C22.2 142

Process Control Equipment

**Stationary Equipment:**

**Hoists**

CSA C22.2 33

Construction and Test of Electric Cranes and Hoists  
Except for: Clause 8.3 - Slip Clutch Test

**Transportation, Agricultural and Construction Vehicles and Components:**

**(Generally Applicable Tests, Braking Systems, Interior Materials, and Restraint Systems)**

CMVSS 106

Brake Hoses

CMVSS 116

Brake Fluid

CMVSS 209

Seat Belt Material

CMVSS 213

Child Restraint Systems

CMVSS 302

Flammability of Material

**Automobiles, Light Trucks, Vans & Trailers**

ANSI Z261.1

Glazing Material

CMVSS 205

Glazing Material

CMVSS 206

Door Latches

**Boats and Ships**

CSA C22.2 183.1

Alternating-Current (AC) Electrical Installations on Boats

CSA C22.2 183.2

DC Electrical Installations on Boats

Transport Canada TP1861E

Collision Regulation Standards for Light Shape Sound Signal  
Appliances and Radar Reflectors

**Recreational, All-Terrain**

CSA Z240-RV Series

Recreational Vehicles

**(General - Snowmobiles)**

CMVSS 1201

Snowmobile Lighting

**MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS**

**Furniture and Consumer Articles:**

## **Hazardous Products**

### **(Packaging Materials - Toys)**

CSA C22.2 149	Electrically Operated Toys
CSA Z76	Child Resistant Packages

## **NON METALLIC MINERALS AND PRODUCTS**

### **Energy Equipment: (Appliances)**

#### **Handling of Liquid Fuels**

##### **(Dispensing Devices - Tanks)**

CSA B306	Portable Fuel Tanks for Marine Use
CSA B346	Power-Operated Dispensing Devices for Flammable Liquids
CSA B376	Portable Containers for Gasoline and Other Petroleum Fuels
CSA C22.2 22	Electrical Equipment for Flammable and Combustible Fuel Dispensers

#### **Miscellaneous, Energy Equipment**

CSA B140.9.2	Portable Pressurized Type Liquid Petroleum Fuelled Camp Stoves
CSA B140.9.4	Portable Pressurized-Type, Liquid Petroleum Fuelled Lamps and Lanterns

#### **Natural Gas Fired Appliances and Propane Fired Appliances**

ANSI Z21.1	Household Cooking Gas Appliances
ANSI Z21.1 IR58	Domestic Gas Ranges
ANSI Z21.10.1/CSA 4.1	Gas-Fired Automatic Storage Type Water Heaters with Inputs Less than 75,000 BTUH
ANSI Z21.10.3/CSA 4.3	Gas Water Heaters - Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous
ANSI Z21.13/CSA 4.9	Gas-Fired Steam and Hot Water Boilers
ANSI Z21.15/CGA 9.1	Manually Operated Gas (Appliance) Shut-Off Valves
ANSI Z21.19/CSA 1.4	Refrigerators Using Gas Fuel
ANSI Z21.20 CAN1-6.4-M79 (R1987)	Automatic Gas Ignition Systems and Components
ANSI Z21.21 CSA 6.5	Automatic Valves for Gas Appliances
ANSI Z21.24/CSA 6.10	Metal Connectors for Gas Appliances

ANSI Z21.41/CSA 6.9	Quick Disconnect Devices for Use with Gas Fuel
ANSI Z21.42/CAN 12.15	Gas-Fired Domestic Lighting Appliances
ANSI Z21.50/CSA 2.22	Vented Decorative Gas Appliances
ANSI Z21.54/CSA 8.4	Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances
ANSI Z21.58/CSA 1.6	Outdoor Gas Grills
ANSI Z21.63/CSA 11.3 CAN1-11.3	Portable Type Gas Lamp Heaters
ANSI Z21.69/CSA 6.16	Connectors for Movable Gas Appliances
ANSI Z21.72/CSA 11.2	Portable Type Gas Lamp Stoves
ANSI Z21.73/CSA 11.1	Portable Type Gas Lamp Lights
ANSI Z21.74 CAN1-11.4	Portable Type Gas Camp Refrigerators
ANSI Z83.11/CSA 1.8	Hotel and Restaurant Gas Ranges and Unit Broilers
ANSI Z83.7/CSA 2.14	Gas-Fired Unvented Construction Heaters (Unattended Type)
ANSI/AGA NGV3/CGA 12.3	Natural Gas Vehicle (NGV) Fuel System Components
CAN/CGA 3.11-M88	Lever Operated Pressure Lubricated Plug Type Gas Shut-Off Valves
CAN/CGA 3.9	Automatic Safety Shut-Off Valves
CAN/CGA-8.1-M86	Elastomeric Composite Hose and Hose Couplings for Conducting Propane and Natural Gas
CAN/CGA-9.2-M88	Manually Operated Shut-Off Valves for Gas Piping Systems
CAN1-12.2	Propane Fuel System Components for Use on Highway Vehicles
CAN1-2.21	Gas Fired Appliances For Outdoor Installation Except for: Size Limitation (Size dependent)
CAN1-2.23	Gas-Fired Portable Infra-Red Heaters
CAN1-4.6-78	Automatic Gas-Shut-Off Valves and Devices for Hot Water Supply Systems
CAN1-6.3-M82	Domestic Gas Appliance Pressure Regulators
CAN1-8.3-77 (R1983)	Thermoplastic Hose and Hose Couplings for Conducting Propane and Natural Gas
CGA 2.29	Hand-Held Torches for Fuel Gas
CGA 3.16	Lever Operated Non-Lubricated Gas Shut-Off Valves
CGA 6.23/ANSI Z21.77	Manually-Operated Piezo-Electric Spark Gas Ignition Systems and Components
CSA 6.18	Internal Relieved Service Regulators for Natural Gas
CSA 6.20/ANSI Z21.78	Combination Gas Controls for Gas Appliances
CSA 6.22/ANSI Z21.80	Line Pressure Regulators
CSA 6.25/ANSI Z21.81	Cylinder Connection Devices

### **Oil Fired Appliances**

CSA B140.0	Oil Burning Equipment - General Requirements
CSA B140.8	Portable Industrial Oil Fired Heaters
UL 733	Oil-Fired Air Heaters and Direct-Fired Heaters

## Propane Fired Appliances

CAN1-1.16

Propane Fired Cooking Appliances for Recreational Vehicles

### Notes:

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

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S. Cross, Director, Conformity Assessment

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Partner File #0

Partner: None