



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-239
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Accreditation Standard	ISO/IEC 17025:2005

Electrical

CSA B44.1/ASME A17.5	Elevator and escalator electrical equipment
CSA C22.2 NO. 0	General requirements - Canadian electrical code, part II
CSA C22.2 NO. 0.1	General requirements for double-insulated equipment
CSA C22.2 NO. 0.4	Bonding of electrical equipment
CSA C22.2 NO. 6	Principles and practices of electrical coordination between pipelines and electric supply lines (only sections 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.4.1, 7.4.2, 8.4.1, 8.4.2 and 8.4.3)
CSA C22.2 NO. 9	General requirements for luminaires
CSA C22.2 NO. 10	Electric floor surfacing and cleaning machines
CSA C22.2 NO. 12	Portable luminaires
CSA C22.2 NO. 14	Industrial control equipment
CSA C22.2 NO. 15	Electrically heated warming pads
CSA C22.2 NO. 18	Outlet boxes, conduit boxes, & fittings
CSA C22.2 NO. 21	Cord sets and power-supply cords (except clauses: 4.10.2, 5.7, 6.4.6, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11 (hospital grade cords))
CSA C22.2 NO. 24	Temperature-indicating and -regulating equipment
CSA C22.2 NO. 31	Switchgear assemblies
CSA C22.2 NO. 36	Hairdressing equipment



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CSA C22.2 NO. 37	Decorative lighting products (only sections 6.3, 6.9, 6.14.4, 6.14.5 and 6.15)
CSA C22.2 NO. 40	Cutout, junction and pull boxes
CSA C22.2 NO. 42	General use receptacles, attachment plugs, and similar wiring devices (except sections 7.16.2-7.16.7, 7.18, 7.19.2, 7.19.3)
CSA C22.2 NO. 43	Lamp-holders (bi-national standard, with UL 496)
CSA C22.2 NO. 46	Electric air-heaters
CSA C22.2 NO. 53	Electric washing machines
CSA C22.2 NO. 55	Special use switches
CSA C22.2 NO. 61	Household cooking ranges
CSA C22.2 NO. 63	Household refrigerators and freezers (bi-national standard, with UL 250)
CSA C22.2 NO. 64	Household cooking and liquid-heating appliances
CSA C22.2 NO. 66	Specialty transformers
CSA C22.2 NO. 68	Motor-operated appliances (household and commercial)
CSA C22.2 NO. 72	Heater elements (only sections 6.2, 6.3, 6.4 and 6.11)
CSA C22.2 NO. 73	Construction and test of electrically equipped machine tools (only sections 62 and 63)
CSA C22.2 NO. 77	Motors with inherent overheating protection
CSA C22.2 NO. 81	Electric irons
CSA C22.2 NO. 85	Rigid PVC boxes and fittings
CSA C22.2 NO. 88	Construction and test of industrial heating equipment (only sections 6.2, 6.3, 6.4, 6.5 and 6.6)
CSA C22.2 NO. 89	Swimming-pool luminaires, submersible luminaires, and accessories
CSA C22.2 NO. 94	Special purpose enclosures
CSA C22.2 NO. 99	Construction and test of domestic ironing machines (only sections 80, 82, 103 and 106)
CSA C22.2 NO. 100	Motors and generators
CSA C22.2 NO. 101	Electrically heated bedding appliances for household use



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CSA C22.2 NO. 104	Humidifiers (bi-national standard, with UL 998)
CSA C22.2 NO. 105	Electrical equipment for woodworking machinery (only sections 51 and 52)
CSA C22.2 NO. 107.1	Power conversion equipment
CSA C22.2 NO. 107.2	Battery chargers
CSA C22.2 NO. 108	Liquid pumps
CSA C22.2 NO. 109	Commercial cooking appliances
CSA C22.2 NO. 110	Construction and test of electric storage-tank water heaters (sections 6.2, 6.3, 6.4, 6.5.2, 6.6 and 7.3.1 only)
CSA C22.2 NO. 112	Electric clothes dryers (bi-national standard with UL 2158)
CSA C22.2 NO. 113	Fans and ventilators
CSA C22.2 NO. 117	Room air conditioners (only sections 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.12.1, 6.12.2, 6.14, 6.15, 6.17 and 6.18)
CSA C22.2 NO. 120	Refrigeration equipment
CSA C22.2 NO. 122	Hand-held electrically heated tools (only sections 6.2, 6.3, 6.4, 6.5, 6.7.1, 6.10, 7.6.2 and 7.6.3)
CSA C22.2 NO. 128-95	Vending machines (only sections 6.3, 6.4.2, 6.4.3, 6.4.4, 6.4.5, 6.5, 6.6, 6.7, 6.8, 6.9, 6.11, 6.12, 6.13, 6.21 and 6.23)
CSA C22.2 NO. 139	Electrically operated valves
CSA C22.2 NO. 141	Emergency lighting equipment
CSA C22.2 NO. 142	Process control equipment
CSA C22.2 NO. 147	Motor-operated gardening appliances
CSA C22.2 NO. 149	Electrically operated toys
CSA C22.2 NO. 157	Intrinsically safe and non-incendive equipment for use in hazardous locations
CSA C22.2 NO. 158	Terminal blocks (only sections 6.4 and 6.6)
CSA C22.2 NO. 164	Electric sauna heating equipment
CSA C22.2 NO. 166	Stage and studio luminaires
CSA C22.2 NO. 167	Household dishwashers (bi-national standard with UL 749)



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CSA C22.2 NO. 168	Standard for commercial dishwashers
CSA C22.2 NO. 169	Electric clothes washing machines and extractors (bi-national standard with UL 2157)
CSA C22.2 NO. 173	Transformers for toy and hobby use
CSA C22.2 NO. 177	Clock-operated switches
CSA C22.2 NO. 187	Electrostatic air cleaners
CSA C22.2 NO. 189	High-voltage insect killers (only sections 6.3, 6.4, 6.5, 6.6 and 6.11)
CSA C22.2 NO. 191	Engine heaters and battery warmers (only sections 6.2, 6.3, 6.4, 6.13, 6.16, 6.18.2 and 6.18.3)
CSA C22.2 NO. 195	Motor-operated food processing appliances (household and commercial)
CSA C22.2 NO. 200	Electric waterbed heater systems (only sections 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 6.15 and 6.16 only)
CSA C22.2 NO. 203	Modular wiring systems for office furniture (only sections 6.1, 6.2, 6.5, 6.9 and 6.11)
CSA C22.2 NO. 205	Signal equipment
CSA C22.2 NO. 207	Portable and stationary electric signs and displays
CSA C22.2 NO. 213-M1987	Non-incendive electrical equipment for use in class I, division 2 hazardous locations
CSA C22.2 NO. 214	Communications cables (bi-national standard, with UL 444)
CSA C22.2 NO. 217	Radiant space heating panels, panel sets and systems
CSA C22.2 NO. 218.1	Spas, hot tubs and associated equipment
CSA C22.2 NO. 218.2	Hydromassage bathtub appliances
CSA C22.2 NO. 221	Electrically heated hobby and educational type kilns (only sections 6.2, 6.4, 6.5, 6.6 and 6.7)
CSA C22.2 NO. 223	Power supplies with extra-low-voltage class 2 outputs
CSA C22.2 NO. 224	Radiant heaters and infrared and ultraviolet lamp assemblies for cosmetic or hygienic purposes in nonmedical applications
CSA C22.2 NO. 231	Safety requirements for electrical and electronic measuring and test equipment (only sections 7.2, 10, 11.1.1, 11.3, 12.1, 12.2, 12.3, 12.4 and 16.3)



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CSA C22.2 NO. 234	Safety of component power supplies
CSA C22.2 NO. 236	Heating and cooling equipment (bi-national standard with UL 1995)
CSA C22.2 NO. 243	Vacuum cleaners, blower cleaners, and household floor finishing machines (bi-national standard with UL 1017)
CSA C22.2 NO. 247	Operators and systems of doors, gates, draperies and louvres
CSA C22.2 NO. 248.1	Low-voltage fuses - part 1: general requirements (tri-national standard, with UL 248-1 and NMX-J-009/248/1-ANCE)
CSA C22.2 NO. 250.1	Retrofit kits for luminaire conversion
CSA C22.2 NO. 60065	Audio, video and similar electronic apparatus - safety requirements
CSA C22.2 NO. 60335-1	Safety of household and similar appliances - part 1: general requirements
CSA C22.2 NO. 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance
CSA C22.2 NO. 60745-1	Hand-held motor-operated electric tools - safety - part 1: general requirements (bi-national standard, with UL 60745-1)
CSA C22.2 NO. 60950	Safety of information technology equipment
CSA C273.4	Performance requirements for electric heating line-voltage wall thermostats (only sections 5.7, 5.9 and 5.10)
NMX-J-009/248/1-ANCE	Low voltage fuses – part 1: general requirements
UL 48	Standard for electric signs
UL 50	Enclosures for electrical equipment, non-environmental considerations
UL 65	Standard for wired cabinets
UL 73	Standard for motor-operated appliances
UL 82	Standard for electric gardening appliances
UL 130	Standard for electric heating pads
UL 141	Standard for garment finishing appliances
UL 153	Standard for portable electric luminaires



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UL 174	Standard for household electric storage tank water heaters
UL 197	Standard for commercial electric cooking appliances
UL 248-14	Low-voltage fuses - part 14: supplemental fuses (only sections 8.2, 8.3 and 8.4)
UL 250	Household refrigerators and freezers
UL 325	Standard for door, drapery, gate, louver, and window operators and systems
UL 444	Communications cables
UL 458	Standard for power converters/inverters and power converter/inverter systems for land vehicles and marine crafts
UL 471	Standard for commercial refrigerators and freezers
UL 482	Standard for portable sun/heat lamps
UL 484	Standard for room air conditioners
UL 496	Standard for lamp holders
UL 498	Standard for attachment plugs and receptacles (exclusion supplement SD, hospital grade devices)
UL 499	Standard for electric heating appliances
UL 507	Standard for electric fans
UL 588	Standard for seasonal and holiday decorative products
UL 676	Standard for underwater luminaires and submersible junction boxes
UL 696	Standard for electric toys
UL 697	Standard for toy transformers
UL 749	Household dishwashers
UL 751	Standard for vending machines
UL 778	Standard for motor-operated water pumps
UL 826	Standard for household electric clocks
UL 858	Standard for household electric ranges



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UL 859	Standard for household electric personal grooming appliances
UL 867	Standard for electrostatic air cleaners
UL 873	Standard for temperature-indicating and -regulating equipment
UL 875	Standard for electric dry-bath heaters
UL 913	Standard for intrinsically safe apparatus and associated apparatus for use in class I, II, III, division 1, hazardous (classified) locations
UL 917	Standard for clock-operated switches
UL 921	Commercial dishwashers
UL 924	Standard for emergency lighting and power equipment
UL 964	Standard for electrically heated bedding
UL 998	Humidifiers
UL 1012	Standard for power units other than class 2
UL 1017	Vacuum cleaners, blower cleaners, and household floor finishing machines
UL 1026	Standard for household electric cooking and food serving appliances
UL 1030	Standard for sheathed heating elements
UL 1059	Standard for terminal blocks
UL 1310	Standard for class 2 power units
UL 1445	Standard for safety electric water bed heaters
UL 1559	Standard for insect-control equipment - electrocution type
UL 1563	Standard for electric spas, equipment assemblies, and associated equipment
UL 1573	Standard for stage and studio luminaires and connector strips
UL 1598	Luminaires
UL 1604	Electrical equipment for use in class I and II, division 2, and class III hazardous (classified) locations



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UL 1693	Standard for electric radiant heating panels and heating panel sets
UL 1795	Standard for hydromassage bathtubs
UL 1995	Heating and cooling equipment
UL 2017	Standard for general-purpose signaling devices and systems
UL 2157	Electric clothes washing machines and extractors
UL 2158	Electric clothes dryers
UL 3111	Standard for safety electrical measuring and test equipment part 1: general requirements
UL 3121-1	Process control equipment
UL 60335-2-3	Standard for safety of household and similar electrical appliances - part 2-3: particular requirements for electric irons
UL 60601-1	Medical electrical equipment, part 1: general requirements for safety
UL 60745-1	Hand-held motor-operated electric tools - safety - part 1: general requirements
UL 60950-1	Information technology equipment - safety - part 1: general requirements
UL 61010C-1	Standard for safety process control equipment
UL 62368-1	Audio/video, information and communication technology equipment - part 1: safety requirements
UL 60335-1	Safety of household and similar appliances, part 1: general requirements
UL 61010	Electrical equipment for measurement, control, and laboratory use

Physical

AAMA/WDMA/CSA 101/IS2/A440	North American fenestration standard
ANSI/UL 263	Standard for fire tests of building construction and materials



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ASTM D635	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position
ASTM E119	Standard test methods for fire tests of building construction and materials
ASTM E283	Standard test method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E598	Standard test method for measuring extreme heat-transfer rates from high-energy environments using a transient, null-point calorimeter (except section 16.7)
ASTM E814	Standard test method for fire tests of penetration firestop systems
ASTM E1354	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM E2074	Standard test method for fire tests of door assemblies, including positive pressure testing of side-hinged and pivoted swinging door assemblies
ASTM F588	Standard test methods for measuring the forced entry resistance of window assemblies, excluding glazing impact
CAN/CSA A220	Concrete roof tiles (only sections 5, 6 and 7)
CAN/CSA A220.1	Installation of concrete roof tiles (only subsections 4.5.6.2, 4.5.6.3 and 4.5.6.4)
CAN/CSA A440.2/A440.3	Fenestration energy performance / user guide to CSA A440.2-14, fenestration energy performance (limited to computer modeling evaluations only)
CAN/ULC Standard S107	Standard methods of fire test of roof coverings (only section 5.6)



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CAN/ULC-S115	Fire Tests of Fire Stop Systems
CSA 0112	Standards for wood adhesives series (only section 4.2)
CSA 0151	Canadian softwood plywood (only section 5.2)
CSA 0452	Design rated OSB
CSA 0452-1	Design rated OSB: test methods (only sections 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, and 6.8)
CSA 0452-2	Design rated OSB: quality assurance (only subsections 7.1, 7.2 and 7.3)
CSA C22.2 NO. 0.17	Evaluation of properties of polymeric materials
ICC ES AC07	Special roofing systems (test methods referenced in section 4.4)
ICC ES AC273	Handrails and guardrails (test methods referenced in sections 3.0 and 4.0)
NFPA 251	Standard methods of tests of fire resistance of building construction and materials
NFPA 252	Standard methods of fire tests of door assemblies
ANSI/TPI 1	National design standard for metal plate connected wood truss construction (sections 4.3, 4.4, 4.5, 4.6, 5.2, 5.3, 5.4, 5.5)
UBC 7-1	Fire tests of building construction and materials
UBC 7-2	Fire tests of door assemblies
UL 10B	Standard for fire tests of door assemblies
UL 10C	Standard for positive pressure fire tests of door assemblies
UL 1479	Standard for fire tests of penetration firestops
UL 2218	Standard for impact resistance of prepared roof covering materials
ULC S101	Standard methods of fire endurance tests of building construction and materials
ULC S104	Standard method for fire tests of door assemblies



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ULC S105	Standard specification for fire door frames meeting the performance required by CAN/ULC-S104
Plumbing	
ASTM C301	Standard test methods for vitrified clay pipe (only section 5.4)
CSA B45.0	Plumbing fixtures (consists of B45.0, B45.1, B45.2, B45.3, B45.4, B45.5, B45.6, B45.7, B45.8 and B45.9) (only subsections 9.5.4, 15.4, 15.8.6, 15.8.7.2, 15.10 and 15.11)
CSA B45.1	Ceramic plumbing fixtures (only subsections 7.1 and 7.3)
CSA B45.4	Stainless steel plumbing fixtures (only subsection 4.4)
CSA B45.8	Terrazzo plumbing fixtures (only subsection 3.1 and 3.2)
CSA B70	Cast iron soil pipe, fittings, and means of joining (only section 4)
CSA B137.0	Thermoplastic pressure piping compendium (only subsection 6.9)
CSA B137.3	Rigid polyvinylchloride (PVC) pipe and fittings for pressure applications (only subsection 6.4.2)
CSA B137.4	Polyethylene piping systems for gas services (only subsection 4.3)
CSA B137.4.1	Electrofusion-type polyethylene (PE) fittings for gas services (only subsection 5.6)
CSA B137.9	Polyethylene / aluminum / polyethylene (PE-AL-PE) composite pressure-pipe systems (only subsection 5.7 and 5.8)
CSA B137.12	Polyamide-11 (PA-11) piping systems for gas services (only subsection 4.3)
CSA B181.1	ABS drain, waste, and vent pipe and pipe fittings (only subsection 5.15)
CSA B181.2	PVC drain, waste, and vent pipe and pipe fittings (only subsection 5.15)
CSA B182.1	Plastic drain and sewer pipe and pipe fittings (only subsections 5.12, 5.14, 5.15 and 5.17)
CSA B182.6	Profile polyolefin sewer pipe & fittings (only subsection 8.7)



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CSA B182.7	Multilayer PVC sewer pipe (PSM type) having reprocessed - recycled content (only subsection 8.7)
CSA B45.5/IAPMO Z124	Plastic plumbing fixtures (only sections 5.4, 5.5 and 5.16)
Structural	
ASTM E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
CGSB 37-GP-56M	Membrane, modified, bituminous, prefabricated, and reinforced for roofing (only sections 7.2.2 and 7.2.3)
CSA S347	Method of test for evaluation of truss plates used in lumber joints (only section 8.2)

CSA: Canadian Standards Association

NFPA: National Fire Protection Association

TPI: Truss Plate Institute

UBC: Uniform Building Code

UL: Underwriters Laboratories

ULC: Underwriters Laboratories Canada