



INTERNATIONAL  
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# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD**

NO. 10, KE YAN ROAD, GUANGZHOU SCIENCE PARK, HUANG PU DISTRICT  
GUANGZHOU, 510663, CHINA

### **Testing Laboratory TL-464**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 27, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

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*Accredited to ISO/IEC 17025:2017*

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| EPA WaterSense Plumbing Specifications  |   |
|---|---|
| <ul style="list-style-type: none"><li>- Showerheads</li><li>- Tank Type High Efficiency Toilets</li><li>- Flushing Urinals</li><li>- High Efficiency Lavatory Faucets</li><li>- Commercial PRSV</li></ul> |   |
| US EPA - WaterSense® Specification for Flushometer-Valve Water Closets  | US EPA - WaterSense® Specification for Flushometer-Valve Water Closets  |
| Plumbing Products   |   |
| AASE 1016/ASME A112.1016/CSA B125.16  | Performance requirements for automatic compensating valves for individual showers and tub/shower combinations |
| ANSI/ISEA Z358.1  | American National Standard for Emergency Eyewash and Shower Equipment   |
| AS 1589   | Copper and copper alloy waste fittings  |
| AS 1756   | Household sinks   |
| AS 2887   | Plastic waste fittings  |
| AS 3498   | Authorization requirements for plumbing products – Water heaters and hot-water storage tanks                  |
| AS 3688   | Water supply and gas systems – Metallic fittings and end connectors   |
| AS/NSZ 1730   | Washbasins  |
| AS/NSZ 3497   | Drinking water treatment units—Plumbing requirements  |
| AS/NSZ 3662   | Performance of showers for bathing  |
| 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 A112.19.10   | Retrofit Dual Flush Devices for Water Closets   |
| ASME A112.19.2/CSA B45.1  | Ceramic plumbing fixtures   |
| ASME A112.19.3/CSA B45.4  | Stainless steel plumbing fixtures   |

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|---|--|
| <b>ASME A112.19.5/CSA B45.15</b>            | <b>Flush valves and spuds for water closets, urinals, and tanks</b>  |
| ASME A112.19.7/CSA B45.10                   | Hydromassage bathtub systems (Exclusions: Cl.4.1 Electrical requirements)  |
| <b>ASME A112.4.14-2022/CSA B125.14.22</b>   | <b>Manually or automatically operated valves for use in plumbing systems</b>   |
| <b>ASME A112.4.2/CSA B45.16</b>             | <b>Personal hygiene devices for water closets</b>  |
| <b>ASME A112.6.3 (2016)</b>                 | <b>Floor Drains and Trench Drains</b>  |
| ASME A112.6.3-2022/CSA B79.3:22             | Floor drains   |
| <b>ASSE 1001 (2017)</b>                     | <b>Performance Requirements for Atmospheric Type Vacuum Breakers</b>   |
| <b>ASSE 1002/ASME A112.1002/CSA B125.12</b> | <b>Anti-siphon fill valves for water closet tanks</b>  |
| <b>ASSE 1011 (2004)</b>                     | <b>Performance Requirements for Hose Connection Vacuum Breakers</b>  |
| <b>ASSE 1014</b>                            | <b>Performance Requirements for Backflow Prevention Devices for Hand-Held Showers</b>  |
| <b>ASSE 1017</b>                            | <b>Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems</b>                            |
| <b>ASSE 1061</b>                            | <b>Performance Requirements for Push-Fit Fittings</b>  |
| <b>ASSE 1069</b>                            | <b>Performance Requirements for Automatic Temperature Control Mixing Valves</b>  |
| <b>ASSE 1070/ASME A112.1070/CSA B125.70</b> | <b>Performance requirements for water temperature limiting devices</b>   |
| ASSE 1086                                   | Reverse Osmosis Water Efficiency – Drinking Water  |
| ASSE 1087                                   | Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water                          |
| <b>ASTM D1785</b>                           | <b>Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120</b>                                |
| <b>ASTM D2241</b>                           | <b>Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)</b>                                       |
| <b>ASTM D2466</b>                           | <b>Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40</b>                                     |
| <b>ASTM D2661</b>                           | <b>Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings</b> |
| <b>ASTM D2665</b>                           | <b>Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings</b>                       |
| <b>ASTM F876</b>                            | <b>Standard Specification for Crosslinked Polyethylene (PEX) Tubing</b>  |
| <b>ASTM F877</b>                            | <b>Standard Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems</b>                            |

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| <b>ASTM F1807</b>           | <b>Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing</b> |
| <b>ATS 5200.101</b>         | <b>Technical Specification for plumbing and drainage products – Appliances (low hazard rating)</b>   |
| <b>ATS 5200.489</b>         | <b>Technical Specification for plumbing and drainage products – Stainless steel flexible assemblies for plumbing applications</b>  |
| <b>CSA B125.3</b>           | <b>Plumbing fittings</b>   |
| <b>CSA B137 series</b>      | <b>Thermoplastic pressure piping compendium</b>  |
| <b>CSA B181.1</b>           | <b>ABS Drain, Waste, and Vent Pipe and Pipe Fittings</b>   |
| <b>CSA B181.2</b>           | <b>PVC Drain, Waste, and Vent Pipe and Pipe Fittings</b>   |
| <b>CSA B45.0</b>            | <b>General Requirements for Plumbing Fixtures</b>  |
| <b>CSA B45.11</b>           | <b>Glass plumbing fixtures</b>   |
| <b>CSA B45.3</b>            | <b>Porcelain-Enamelled Steel Plumbing Fixtures</b>   |
| <b>CSA B45.5</b>            | <b>Plastic plumbing fixtures</b>   |
| <b>CSA B45.8/IAPMO Z403</b> | <b>Terrazzo, concrete, composite stone, and natural stone plumbing fixtures</b>  |
| <b>CSA B64.1.1</b>          | <b>Atmospheric vacuum breakers (AVB)</b>   |
| <b>CSA B64.2 (2011)</b>     | <b>Hose connection vacuum breakers (HCVB)</b>  |
| <b>CSA B70</b>              | <b>Cast iron soil pipe, fittings, and means of joining</b>   |
| <b>CSA B79 (2008)</b>       | <b>Commercial and residential drains and cleanouts</b>   |
| <b>CSA B483.1</b>           | <b>Drinking Water treatment systems</b>  |
| <b>EN 1111</b>              | <b>Sanitary tapware – Thermostatic mixing valves (PN 10) - General technical specification</b>   |
| <b>EN 1112</b>              | <b>Sanitary tapware – Shower outlets for sanitary tapware for water supply systems of type 1 and type 2 – General technical specification</b>  |
| <b>EN 13310</b>             | <b>Kitchen sinks – Functional requirements and test methods</b>  |
| <b>EN 14428</b>             | <b>Shower enclosures – Functional requirements and test methods</b>  |
| <b>EN 14527</b>             | <b>Shower trays for domestic purposes</b>  |
| <b>EN 14688+B3:F40</b>      | <b>Sanitary appliances – Wash basins – Functional requirements and test methods</b>  |
| <b>EN 200</b>               | <b>Sanitary tapware – Single taps and combination taps for water supply systems of type 1 and type 2 – General technical specification (Except cl. 14)</b>                                       |
| <b>EN 274-1</b>             | <b>Waste fittings for sanitary appliances – part 1: requirements</b>   |
| <b>EN 31</b>                | <b>Wash basins – Connecting dimensions</b>   |
| <b>EN 33</b>                | <b>WC pans and WC suites – Connecting dimensions</b>   |

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| EN 817                             | Sanitary tapware – Mechanical mixing valves (PN 10) – General technical specifications   |
| EN 997                             | WC pans and WC suites with integral trap   |
| IAPMO/ANSI Z1157                   | Ball Valves  |
| IAPMO/ANSI Z124.1.2                | Plastic bathtub & shower units   |
| IAPMO/ANSI Z124.5                  | Plastic Toilet Seats   |
| IAPMO/ANSI Z124.6                  | Plastic Sinks  |
| IAPMO IGC 154                      | Shower and Tub/Shower Enclosures, Bathtubs with Glass Pressure-Sealed Doors, and Shower/Steam Panels   |
| IAPMO IGC 172                      | Glass Lavatories, Sinks and Counter Tops   |
| IAPMO IGC 258                      | Low Flow Laundry Faucet  |
| IAPMO PS 23                        | Dishwasher Drain Airgaps   |
| NSF/ANSI 14                        | Plastics Piping System Components and Related Materials  |
| NSF/ANSI 42                        | Drinking Water Treatment Unit – Aesthetic Effects  |
| NSF/ANSI 44                        | Residential Cation Exchange Water Softeners  |
| NSF/ANSI 53                        | Drinking Water Treatment Unit – Health Effects   |
| NSF/ANSI 55                        | Drinking Water treatment systems (Exclusions: Cl.4 Material (Exposure Part only); Cl.6.2.3 UV alarm performance; Cl.7 Elective performance claims – Test methods)  |
| NSF/ANSI 58                        | Reverse Osmosis Drinking Water Treatment Systems (Exclusions: Cl. 4 Material (Exposure Part only); Cl.7 Elective performance claims – Test methods (Sample preparation for all claims and Only claim test for TDS and turbidity)                                   |
| NSF/ANSI 60                        | Drinking Water Treatment Chemicals – Health Effects (Sample preparation only)  |
| NSF/ANSI 61                        | Drinking Water System Components – Health Effects (only for Exposure Part)   |
| NSF/ANSI 177                       | Shower Filtration Systems – Aesthetic Effects  |
| NSF/ANSI 401                       | Drinking Water Treatment Units – Emerging Compounds / Incidental Contaminants (Exclusions: Cl. 4 Material (Exposure Part only); Cl.7 Elective performance claims – Test methods (Sample preparation for all claims and Only claim test for TDS, TOC and turbidity) |
| <b>OCCUPATIONAL SAFETY</b>         |  |
| <b>Portable and Mobile Ladders</b> |  |
| ANSI ASC A14.2                     | Ladders – Portable Metal – Safety Requirements   |
| ANSI ASC A14.5                     | Ladders – Portable Reinforced Plastic – Safety Requirements  |
| ANSI ASC A14.7                     | Mobile Ladder Stands and Mobile Ladder Stand Platforms   |

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| CSA Z11                    | Portable ladders   |
| <b>Protective Footwear</b> |  |
| AS/NZS 2210.2 2009         | Occupational protective footwear – Test methods (ISO 20344:2004, MOD) (except clauses 5.17 & 6.11)   |
| AS/NZS 2210.3 2009         | Occupational protective footwear – Specification for safety footwear (ISO 20345:2004, MOD)   |
| ASTM F2413                 | Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear   |
| ASTM F2892                 | Standard Specification for Performance Requirements for Soft Toe Protective Footwear (Non-Safety / Non-Protective Toe)   |
| ASTM F2913                 | Standard Test Method for Measuring the Coefficient of Friction for Evaluation of Slip Performance of Footwear and Test Surfaces/Flooring Using a Whole Shoe Tester |
| ASTM F3445                 | Standard Specification for Performance Requirements when Evaluating Slip Resistance of Protective (Safety) Footwear  |
| CAN/CSA Z195               | Protective footwear  |
| CAN/CSA Z334               | Over-the-shoe toe protectors   |
| EN 12568 (2010)            | Foot and leg protectors – Requirements and test methods for toecaps and penetration resistant inserts  |
| EN ISO 13287               | Personal protective equipment – Footwear – Test method for slip resistance   |
| EN ISO 20344               | Personal protective equipment – Test methods for footwear  |
| EN ISO 20345               | Personal protective equipment – Safety footwear  |
| EN ISO 20346               | Personal protective equipment – Protective footwear  |
| EN ISO 20347               | Personal protective equipment – Occupational footwear  |
| EN 50321                   | Electrically insulating footwear for working on low voltage installations  |
| <b>Labels</b>              |  |
| CSA C22.2 No. 0.15-15      | Adhesive labels  |
| UL 969                     | UL Standard for Safety Marking and Labeling Systems  |
| <b>Functional safety</b>   |  |
| CSA C22.2 NO. 0.8          | Safety functions incorporating electronic technology   |
| UL 991                     | UL Standard for Safety Tests for Safety-Related Controls Employing Solid-State Devices   |
| UL1998                     | UL Standard for Safety Software in Programmable Components   |
| <b>Gas Controls</b>        |  |
| ANSI LC 1/CSA 6.26         | Fuel gas piping systems using corrugated stainless steel tubing  |

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| ANSI LC 4/CSA 6.32        | Press-connect metallic fittings for use in fuel gas   |
| ANSI Z21.15/CSA 9.1       | Manually operated gas valves for appliances, appliance connector valves and hose end valves   |
| ANSI Z21.18/CSA 6.3       | Gas Appliance Pressure Regulators   |
| ANSI Z21.20               | Automatic Gas Ignition Systems and Components   |
| ANSI Z21.20/CSA 60730-2-5 | Automatic electrical controls for household and similar use – Part 2-5: Particular requirements for automatic electrical burner control systems |
| ANSI Z21.21/CSA 6.5       | Automatic valves for gas appliances   |
| ANSI Z21.23               | Gas appliance thermostats   |
| ANSI Z21.24/CSA 6.10      | Connectors for gas appliances   |
| ANSI Z21.41/CSA 6.9       | Quick disconnect devices for use with gas fuel appliances   |
| ANSI Z21.54/CSA 8.4       | Gas hose connectors for portable outdoor gas-fired appliances   |
| ANSI Z21.69/CSA 6.16      | Connectors for moveable gas appliances  |
| ANSI Z21.77/CSA 6.23      | Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components  |
| ANSI Z21.78/CSA 6.20      | Combination gas controls for gas appliances   |
| ANSI Z21.80/CSA 6.22      | Line pressure regulators  |
| ANSI Z21.81/CSA 6.2       | Cylinder Connection Devices   |
| ANSI Z21.92/CSA 6.29      | Manually Operated   |
| ANSI Z21.93/CSA 6.30      | Excess flow valves for natural and propane gas with pressures up to 5 psig  |
| AS 2613                   | Safety devices for gas cylinders  |
| AS 4617                   | Manual shut off gas valves  |
| AS 4618                   | Gas appliance regulators  |
| AS 4619                   | Gas appliance thermostats   |
| AS 4620/AG204             | Thermoelectric flame safeguards   |
| AS 4621                   | Regulators for use with liquefied petroleum – Vapour phase  |
| AS 4622                   | Electrical and electronic ignition devices for gas appliances   |
| AS 4624                   | Combination controls for gas  |
| AS 4627                   | Quick-connect devices for gas   |
| AS 4629/AG 214            | Automatic shut off valves and vent valves   |
| AS 4631                   | Limited flexibility connectors for gas  |
| AS 4632                   | Over-pressure and under-pressure cut off devices  |
| AS/NZS 1869               | Hose and hose assemblies for liquefied petroleum gases (LP Gas), natural gas and town gas   |

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| ASME B16.33                               | Manually Operated Metallic Gas Valves for Use in Gas Piping Systems Up to 175 psi (Sizes NPS 1/2 Through NPS 2)   |
| ASME B16.38                               | Large Metallic Valves for Gas Distribution – Manually Operated, NPS 2 1/2 (DN 65) to NPS 12 (DN 300), 125 psig (8.6 bar) Maximum  |
| ASME B16.44                               | Manually Operated Metallic Gas Valves for Use in Aboveground Piping Systems Up to 5 psi   |
| CAN1-6.4                                  | Automatic Gas Ignition Systems and Components   |
| CGA CR91-002                              | Manually Operated Gas Valves For Use on Piping  |
| CSA 3.16                                  | Lever operated non-lubricated gas shut-off valves   |
| CSA 8.1                                   | Elastomeric composite hose and hose couplings for conducting propane and natural gas  |
| CSA 8.3                                   | Thermoplastic hose and hose couplings for conducting propane and natural gas  |
| CSA 9.4                                   | Standard for manually operated metallic gas valves for use on piping systems up to 5 psig   |
| CSA US Interim Requirement<br>CSA IR 5-21 | Gas Thermal Shutoff Devices   |
| EN 161/BS EN 161                          | Automatic shut-off valves for gas burners and gas appliances  |
| EN 1106/BS EN 1106                        | Manually operated taps for gas burning appliances   |
| EN 125/BS EN 125                          | Flame supervision devices for gas burning appliances – Thermoelectric flame supervision devices   |
| EN 126/BS EN 126                          | Multifunctional controls for gas burning appliances   |
| EN 13611/BS EN 13611                      | Safety and control devices for gas burners and gas burning appliances – General requirements  |
| EN 16129/BS EN 16129                      | Pressure regulators, automatic change-over devices, having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, associated safety devices and adaptors for butane, propane, and their mixtures |
| EN 257/BS EN 257                          | Mechanical thermostats for gas-burning appliances   |
| EN 298/BS EN 298                          | Automatic burner control systems for burners and appliances burning gaseous or liquid fuels   |
| EN 549/BS EN 549                          | Rubber materials for seals and diaphragms for gas appliances and gas equipment (except resistance to ozone test)  |
| EN 88-1/BS EN 88-1                        | Pressure regulators and associated safety devices for gas appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa   |
| EN 88-2/BS EN 88-2                        | Pressure regulators and associated safety devices for gas appliances – Part 2: Pressure regulators for inlet pressures above 500 mbar up to and including 5 bar   |





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| NMX-X-016-SCFI                           | Gas industry-pilots and thermocouples for used in ignition safety systems – specifications and test methods                              |
| NMX-X-033-SCFI                           | Gas industry – thermostats for household ovens use specifications and test methods   |
| NMX-X-041-SCFI                           | Gas industry – manually operated LP or natural gas control valves for household cooking use-specifications and test methods              |
| NOM-014-SESH                             | Integral connection and flexible connection used in utilization installations of LP gas or natural gas – specifications and test methods |
| NOM-015-SESH                             | Internal low pressure regulators for LP gas-specification and test methods   |
| UL 119                                   | Outline of Investigation for Adapters, Fittings and Couplings for Anhydrous Ammonia and Fuel Gases                                       |
| UL 144                                   | UL Standard for Safety LP-Gas Regulators   |
| UL 2061                                  | Standard for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies  |
| UL 21                                    | Standard for LP-Gas Hose   |
| UL 252                                   | Compressed gas regulator   |
| UL 567                                   | Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas                           |
| UL 569                                   | UL Standard for Safety Pigtails and Flexible Hose Connectors for LP-Gas  |
| <b>Gas Appliances</b>                    |  |
| 10 CFR Part 430 Appendix E to Subpart B  | Test method for measuring the energy consumption of water heaters  |
| 10 CFR Part 430 Appendix I1 to Subpart B | Uniform Test Method for Measuring the Energy Consumption of Conventional Cooking Products  |
| AGA Requirement 8-96                     | Gas-fired decorative illuminating appliances for outdoor installation  |
| ANSI Z21.1/CSA 1.1                       | Household Cooking Gas Appliances   |
| ANSI Z21.10.1/CSA 4.1                    | Gas Water Heaters – Volume 1, Storage Water Heaters With Input Ratings of 75,000 Btu Per Hour or Less                                    |
| ANSI Z21.10.3/CSA 4.3                    | Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous   |
| ANSI Z21.103                             | Unvented portable type gas camp heaters for indoor and outdoor use (except catalyst heaters)   |
| ANSI Z21.11.2                            | Gas-fired room heaters, volume II, unvented room heaters   |
| ANSI Z21.13/CSA 4.9                      | Gas-fired low pressure steam and hot water boilers   |
| ANSI Z21.19/CSA 1.4                      | Refrigerators Using Gas Fuel   |
| ANSI Z21.42                              | Gas-Fired Illuminating Appliances  |

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| ANSI Z21.47/CSA 2.3           | Gas-fired central furnaces   |
| ANSI Z21.5.1/CSA 7.1          | Gas Clothes Dryers – Volume 1, Type 1 Clothes Dryers   |
| ANSI Z21.5.2/CSA 7.2          | Gas Clothes Dryers – Volume II, Type 2 Clothes Dryers  |
| ANSI Z21.50/CSA2.22           | Vented decorative gas appliances (except Delayed ignition and integrity tests for direct vent decorative gas appliances) |
| ANSI Z21.57                   | Recreational Vehicle Cooking Gas Appliances  |
| ANSI Z21.58/CSA 1.6           | Outdoor cooking gas appliances   |
| ANSI Z21.60/CSA 2.26          | Decorative gas appliances for installation in solid-fuel burning fireplaces  |
| ANSI Z21.63/CSA 11.3          | Portable type gas camp heaters   |
| ANSI Z21.72/CSA 11.2          | Portable type gas camp stoves  |
| ANSI Z21.73/CSA11.1           | Portable type gas camp lights  |
| ANSI Z21.74/CSA 11.4          | Portable Refrigerators   |
| ANSI Z21.84                   | Manually lighted, natural gas, decorative gas appliances for installation in solid-fuel burning appliance                |
| ANSI Z21.88/CSA2.33           | Vented gas fireplace heaters (except Delayed ignition and integrity tests for direct vent gas fireplace heaters)         |
| ANSI Z21.89/CSA 1.18          | Outdoor cooking specialty gas appliances   |
| ANSI Z21.91                   | Ventless firebox enclosures for gas-fired unvented decorative room Heaters   |
| ANSI Z21.96/CSA 11.6          | Portable water heaters for outdoor use   |
| ANSI Z21.97/CSA 2.41          | Outdoor decorative gas appliances  |
| ANSI Z83.11/CSA 1.8           | Gas food service equipment   |
| ANSI Z83.19/CSA 2.35          | Gas-fire high-intensity infrared heaters   |
| ANSI Z83.20/CSA 2.34          | Gas-Fired Tubular and Low-Intensity Infrared Heaters   |
| ANSI Z83.21/CSA C22.2 No. 168 | Commercial Dishwashers, Includes Update No. 1  |
| ANSI Z83.26/CSA 2.37          | Gas-fired outdoor infrared patio heaters   |
| ANSI Z83.7/CSA 2.14           | Gas-fired Construction heaters   |
| ANSI Z83.8/CSA 2.6            | Gas unit heaters, gas packaged heaters, gas utility heaters and gas-fired duct furnaces                                  |
| ANSI/CAN/UL/ULC 1337          | LP-Gas, Natural Gas, and Manufactured Gas Devices for Engine Fuel Systems  |
| AS 2658                       | LP gas – portable and mobile appliances – excluding: wind test with clause B39   |
| AS 4551                       | Domestic gas cooking appliances  |
| AS 4553                       | Gas space heating appliances   |



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|--|---|
| AS 4554  | Gas laundry dryers  |
| AS 4555  | Domestic gas refrigerators  |
| AS 4557  | Domestic outdoor gas barbecues  |
| AS 4558/AG 108   | Decorative gas log and other fuel effect appliances   |
| AS 4563  | Commercial catering gas equipment   |
| AS 4565  | Radiant gas heaters for outdoor and non-residential indoor use  |
| AS 4643  | Overhead radiant tube gas heaters   |
| AS 5262/AG 404   | LP Gas mobile industrial direct fired air heaters   |
| AS 5263.0  | Gas appliances, general requirements  |
| AS/NZS 5263.1.1  | Gas appliances Part 1.1: domestic gas cooking appliances  |
| AS/NZS 5263.1.10   | Gas appliances Part 1.10: Gas direct fired air heaters  |
| AS/NZS 5263.1.2 (limited to wind velocity less than 50 km/h) | Gas appliances part 1.2: gas fired water heaters for hot water supply and/or central heating  |
| AS/NZS 5263.1.3  | Gas appliances part 1.3: gas space heating appliances   |
| AS/NZS 5263.1.7  | Gas appliances part 1.7: domestic outdoor gas barbecues   |
| AS/NZS 5263.1.8  | Gas appliances – Part 1.8: Decorative effect gas appliances   |
| CAN1-1.16-M79  | Propane Fired Cooking Appliances for Recreational Vehicles  |
| CAN1-2.15  | Gas-fired domestic lighting appliances  |
| CAN1-2.23  | Gas-Fired Portable Infra-Red Heaters  |
| CAN3-B140.9.3-M86  | Portable Kerosine-Fired Heaters   |
| CGA 2.29   | Hand-Held Torches for Fuel Gases  |
| CSA B140.0-03  | Oil-Burning Equipment: General Requirements   |
| CSA B140.8-1967  | Portable Industrial Oil-Fired Heaters   |
| CSA International Requirement 4.98 U.S.                      | Gas-fired portable heaters for recreational and commercial  |
| EN 14543/BS EN 14543   | Specifications for dedicated liquid gas appliances – parasol patio heaters – flueless radiant heaters for outdoor or amply ventilated area use  |
| EN 437/BS EN 437   | Tests gases – test pressures – appliance categories   |
| EN 1020/BS EN 1020   | Non-domestic forced convection gas-fired air heaters for space heating not exceeding a net heat input of 300 kW incorporating a fan to assist transportation of combustion air or combustion products |
| EN 13203-2/BS EN 13203-2                                     | Gas-fired domestic appliances producing hot water – Part 2: Assessment of energy consumption  |
| EN 1596/BS EN 1596   | Space construction heater   |

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| EN 1860-1/BS EN 1860       | Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test method  |
| EN 203-1/BS EN 203-1       | Gas heated catering equipment – general safety rules  |
| EN 203-2-1/BS EN 203-2-1   | Gas heated catering equipment – specific requirements- open burners and wok burners   |
| EN 203-2-10/BS EN 203-2-10 | Gas heated catering equipment. Specific requirements. Chargrills  |
| EN 203-2-11/BS EN 203-2-11 | Gas heated catering equipment part 2-11: specific requirements pasta cookers  |
| EN 203-2-2/BS EN 203-2-2   | Gas heated catering equipment – specific requirements- ovens  |
| EN 203-2-3/BS EN 203-2-3   | Gas heated catering equipment part 2-3: specific requirements – boiling pans  |
| EN 203-2-4/BS EN 203-2-4   | Gas heated catering equipment part 2-4: specific requirements fryers  |
| EN 203-2-6/BS EN 203-2-6   | Gas heated catering equipment part 2-6: specific requirements hot water heaters for beverage EN203-2-8 Gas heated catering equipment part 2-8: specific requirements brat pans and paëlla cookers |
| EN 203-2-7/BS EN 203-2-7   | Gas heated catering equipment. Specific requirements. Salamanders and rotisseries   |
| EN 203-2-8/BS EN 203-2-8   | Gas heated catering equipment – part 2-8: Specific requirements - brat pans and paëlla cookers  |
| EN 203-2-9/BS EN 203-2-9   | Gas heated catering equipment – specific requirements- solid tops, warming plates and griddles  |
| EN 203-3-3/BS EN 203-3-3   | Gas heated catering equipment – Part 3: Materials and parts in contact with food and other sanitary aspects   |
| EN 26/BS EN 26             | Gas-fired instantaneous water heaters for the production of domestic hot water  |
| EN 30-1-1/BS EN 30-1-1     | Domestic cooking appliances burning gas – safety – general  |
| EN 30-1-2/BS EN 30-1-2     | Domestic cooking appliances burning gas - Safety - Part 1-2: Appliances having forced-convection ovens and/or grills  |
| EN 30-1-3/BS EN 30-1-3     | Domestic cooking appliances burning gas - Part 1-3: Safety - Appliances having a glass ceramic hotplate   |
| EN 30-1-4/BS EN 30-1-4     | Domestic cooking appliances burning gas - Safety - Part 1-4: Appliances having one or more burners with an automatic burner control system  |
| EN 30-2-1/BS EN 30-2-1     | Domestic cooking appliances burning gas – rational use of energy – general  |
| EN 30-2-2/BS EN 30-2-2     | Domestic Cooking Appliances Burning Gas - Part 2-2: Rational Use of Energy - Appliances Having Forced-Convection Ovens and/or Grills  |
| EN 416-1/BS EN 416-1       | Single burner gas-fired overhead radiant tube heaters for non-domestic use – Part 1: Safety   |

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| EN 419-1/BS EN 419-1       | Non-domestic gas-fired overhead luminous radiant heaters – Part 1: Safety   |
| EN 449/BS EN 449           | Specification for dedicated liquefied petroleum gas appliances – Domestic flueless space heaters (including diffusive catalytic combustion heaters) |
| EN 461/BS EN 461           | Specification for dedicated liquefied petroleum gas appliances flueless non-domestic space heaters not exceeding 10 Kw                              |
| EN 484/BS EN 484           | Specification for dedicated liquefied petroleum gas appliances – independent hotplates, including those incorporating a grill for outdoor use       |
| EN 497/BS EN 497           | Specification for dedicated liquefied petroleum gas appliances – multi-purpose boiling burners for outdoor use                                      |
| EN 498:2012/BS EN 498      | Specification for dedicated liquefied petroleum gas appliances – Barbecues for outdoor use contact grills included                                  |
| EN 50/BS EN 5099           | Decorative fuel-effect gas appliances   |
| EN 521/BS EN 521           | Specification for dedicated liquefied petroleum gas appliances – portable vapour pressure liquefied petroleum gas appliances                        |
| EN 613/BS EN 613           | Independent gas-fired convection heaters  |
| EN 732/BS EN 732           | Specifications for dedicated liquefied petroleum gas appliances. Absorption refrigerators   |
| GSO 1049                   | Methods of test for domestic cookers for used with liquefied petroleum gases  |
| GSO 1050                   | Domestic cookers for used with liquefied petroleum gases  |
| IAS U.S. Requirements 9-96 | Portable outdoor illuminating appliances  |
| IS 15558                   | Mini domestic water heater for use with LPG   |
| IS 5116                    | Domestic and commercial equipment for use with LPG – General requirements   |
| NOM-010-SESH               | LP gas or Natural Gas household cooking appliances-specification and test methods   |
| NOM-012-SESH               | Space heater for domestic use that employ LP or natural gas as fuel. Safety requirements and test methods   |
| NOM-025-ENER               | Thermal efficiency of household cooking appliances for cooking food fired by LP gas or Natural gas. Limits, test methods and labelling              |
| NSF/ANSI 12                | Automatic Ice Making Equipment  |
| NSF/ANSI 18                | Manual Food and Beverage Dispensing Equipment   |
| NSF/ANSI 2                 | Food Equipment  |
| NSF/ANSI 4                 | Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transport Equipment  |
| NSF/ANSI 456               | Vaccine Storage   |

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| NSF/ANSI 5                                   | Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment  |
| NSF/ANSI 8                                   | Commercial Powered Food Preparation Equipment   |
| SANS 1539                                    | Appliances Operating On Liquefied Petroleum Gas (LPG) Or Natural Gas (Ng) – Safety Aspects  |
| SASO 167                                     | Methods of test for domestic cookers for used with liquefied petroleum gases  |
| SASO 168                                     | Domestic cookers for used with liquefied petroleum gases  |
| UAE.S GSO 1049                               | Methods of test for domestic cookers for used with liquefied petroleum gases  |
| UAE.S GSO 1050                               | Domestic cookers for used with liquefied petroleum gases  |
| UL 123                                       | Oxy-Fuel Gas Torches  |
| UL 147                                       | Hand-Held Torches for Fuel Gases  |
| UL 2728A                                     | Outline of Investigation for Pellet Fuel Burning Cooking Appliances   |
| UL 733                                       | Oiled-Fired Air Heaters and Direct-Fired Heaters  |
| ULC/ORD-C123                                 | Oxy-Fuel Gas Torches  |
| ULC/ORD-C2728                                | Pellet Fuel Burning Cooking Appliances  |
| <b>Electrical Appliances and Accessories</b> |   |
| CAN/CSA C22.2 No. 0.17                       | Evaluation of properties of polymeric materials   |
| CAN/CSA C22.2 No. 100                        | Motors and generators (Motors, rated max 500VAC 5HP 40 A, 300VDC 30 A)  |
| CAN/CSA C22.2 No.107.1                       | Power conversion equipment  |
| CAN/CSA C22.2 No.107.2                       | Battery Chargers  |
| CAN/CSA C22.2 No. 108                        | Liquid pumps  |
| CAN/CSA C22.2 No.109                         | Commercial cooking appliances   |
| CAN/CSA C22.2 No.113                         | Fans and ventilators  |
| CAN/CSA C22.2 No.120                         | Refrigeration equipment   |
| CAN/CSA C22.2 No.139                         | Electrically operated valves  |
| CAN/CSA C22.2 No.140.3                       | Refrigerant-containing components for use in electrical equipment   |
| CAN/CSA C22.2 No. 147                        | Motor-operated gardening appliances   |
| CAN/CSA C22.2 No.153                         | Electrical quick-connect terminals (Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power: 9kVA [300Vac/dc, 30A]) |
| CAN/CSA C22.2 No.158                         | Terminal blocks (except Clauses 6.10, and 6.13)   |
| CAN/CSA C22.2 No.164                         | Electric sauna heating equipment (except Clause 10.2.2)   |

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| CAN/CSA C22.2 No.182.3           | Special use attachment plugs, receptacles and connectors (Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power: 9kVA [300Vac/dc,30A])  |
| CAN/CSA C22.2 No.188             | Splicing wire connectors (Trinational standard with UL 486C and NXM-J-548-ANCE) (except Clauses 7.10, 7.11, 7.14)   |
| CAN/CSA C22.2 No. 21             | Cord sets and power-supply cords (Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power: 9kVA (300Vac/dc 30A)   |
| CAN/CSA C22.2 No. 24             | Temperature-indicating and regulating equipment   |
| CAN/CSA C22.2 No 205             | Signal equipment  |
| CAN/CSA C22.2 No. 223            | Power supplies with extra-low-voltage class 2 outputs (except Hot Flaming Oil)  |
| CAN/CSA C22.2 No. 243            | Vacuum cleaners, blower cleaners, and household floor finishing machines (Binational standard with UL 1017)   |
| CAN/CSA C22.2 No. 247            | Operators and systems of doors, gates, draperies and louvres  |
| CAN/CSA C22.2 No. 33             | Construction and Test of Electric Cranes and Hoists (Only cl. 8.1 and 8.2)  |
| CAN/CSA C22.2 No. 36             | Hairdressing equipment  |
| CAN/CSA C22.2 No.42              | General use receptacles, attachment plugs, and similar wiring devices (except Clauses 8.11, 8.12, 8.13, 8.14, 8.22, 8.26, 8.27, 8.28, 8.29, 8.34)   |
| CAN/CSA C22.2 No.46              | Electric air-heaters (except Clauses 6.16 and 6.17)   |
| CAN/CSA C22.2 No. 55             | Pecial use switches (except Clauses 6.10,6.14, and 6.15)  |
| CAN/CSA C22.2 No.61              | Household cooking ranges  |
| CAN/CSA C22.2 No.63              | Household refrigerators and freezers  |
| CAN/CSA C22.2 No. 64-10          | Household cooking and liquid-heating appliances   |
| CAN/CSA C22.2 No. 66.1/66.2/66.3 | Low Voltage Transformers – Part 1: General Requirements (Bi-National standard, with UL 5085-1) (Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power: 9kVA [300Vac/dc, 30A]) |
| CAN/CSA C22.2 No.68              | Motor-operated appliances (household and commercial)  |
| CAN/CSA C22.2 No. 71.2           | Electric bench tools  |
| CAN/CSA C22.2 No. 72             | Heater elements   |
| CAN/CSA C22.2 No. 73             | Construction and Test of Electrically Equipped Machine Tools  |
| CAN/CSA C22.2 No. 77             | Motors with inherent overheating protection (Motors, rated max 500VAC 5HP 40 A, 300VDC 30 A. No ability to perform Clause 5.8 Limited short-circuit test)   |
| CAN/CSA C22.2 No. 88             | Industrial Heating Equipment  |
| CAN/CSA C 22.2 No. 94            | Enclosures for electrical equipment, environmental considerations (Tri-national standard with NMX-J-235/2-ANCE-2015 and UL 50E)   |

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| CAN/CSA C22.2 No. 94.1      | Enclosures for electrical equipment, non-environmental considerations (Tri-national standard with NMX-J-235/1-ANCE-2015 and UL 50)                                  |
| CAN/CSA C22.2 No. 94.2      | Enclosures for electrical equipment, environmental considerations (Tri-national standard with NMX-J-235/2-ANCE-2015 and UL 50E)                                     |
| CAN/CSA-C22.2 No.60745-1    | Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements (Bi-National standard, with UL 60745-1) (Except cl. 31)                             |
| CAN/CSA-C22.2 No.60745-2-1  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-1: Particular Requirements for Drills and Impact Drills (Bi-National standard, with UL 60745-2-1)         |
| CAN/CSA-C22.2 No.60745-2-11 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-11: Particular Requirements for Reciprocating Saws (Bi-National standard, with UL 60745-2-11)             |
| CAN/CSA-C22.2 No.60745-2-12 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-12: Particular Requirements for Concrete Vibrators (Bi-National standard, with UL 60745-2-12)             |
| CAN/CSA-C22.2 No.60745-2-13 | Hand-held motor operated electric tools – Safety – Part 2-13: Particular requirements for chain saws (Bi-National standard, with UL 60745-2-13)                     |
| CAN/CSA-C22.2 No.60745-2-14 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-14: Particular Requirements for Planers (Bi-National standard, with UL 60745-2-14)                        |
| CAN/CSA-C22.2 No.60745-2-15 | Hand-held motor operated electric tools – Safety – Part 2-15: Particular requirements for hedge trimmers (Bi-national standard, with UL 60745-2-15)                 |
| CAN/CSA-C22.2 No.60745-2-16 | Hand-held motor-operated electric tools – Safety – Part 2-16: Particular requirements for tackers (Bi-national standard, with UL 60745-2-16)                        |
| CAN/CSA-C22.2 No.60745-2-17 | Hand-held motor operated electric tools – Safety – Part 2-17: Particular requirements for routers and trimmers (Bi-national standard, with UL 60745-2-17)           |
| CAN/CSA-C22.2 No.60745-2-18 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-18: Particular Requirements for Strapping Tools (Bi-National standard, with UL 60745-2-18)                |
| CAN/CSA-C22.2 No.60745-2-19 | Hand-held motor-operated electric tools – Safety – Part 2-19: Particular requirements for jointers  |
| CAN/CSA-C22.2 No.60745-2-2  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches (Bi-National standard, with UL 60745-2-2) |
| CAN/CSA-C22.2 No.60745-2-20 | Hand-held motor-operated electric tools – Safety –Part 2-20: Particular requirements for band saws  |
| CAN/CSA-C22.2 No.60745-2-21 | Hand-held motor-operated electric tools – Safety – Part 2-21: Particular requirements for drain cleaners  |
| CAN/CSA-C22.2 No.60745-2-22 | Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines  |

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| CAN/CSA-C22.2 No.60745-2-23 | Hand-held motor-operated electric tools – Safety – Part 2-23: Particular requirements for die grinders and small rotary tools  |
| CAN/CSA-C22.2 No.60745-2-3  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (Bi-National standard, with UL 60745-2-3)   |
| CAN/CSA-C22.2 No.60745-2-4  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (Bi-National standard, with UL 60745-2-4)  |
| CAN/CSA-C22.2 No.60745-2-5  | Hand-held motor-operated electric tools – Safety – Part 2-5: Particular requirements for circular saws (Bi-national standard, with UL 60745-2-5)   |
| CAN/CSA-C22.2 No.60745-2-7  | Hand-held motor-operated electric tools. Part 2: Particular requirements for spray guns for non-flammable liquids  |
| CAN/CSA-C22.2 No.60745-2-8  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-8: Particular Requirements for Shears and Nibblers (Bi-National standard, with UL 60745-2-8)   |
| CAN/CSA-C22.2 No.60745-2-9  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-9: Particular Requirements for Tappers (Bi-National standard, with UL 60745-2-9)   |
| CAN/CSA-E60730-1            | Automatic electrical controls – Part 1: General requirements (Adopted IEC 60730-1:2013, fifth edition, 2013-11, with Canadian deviations)  |
| CAN/CSA-E60730-2-9          | Automatic electrical controls for household and similar use – Part 2-9: Particular requirements for temperature sensing controls (Adopted IEC 60730-2-9:2008, edition 3:2008 consolidated with amendment 1:2011, with Canadian deviations) |
| CSA C22.2 No. 1335.1        | Portable Electrical Motor-Operated and Heating Appliances: General Requirements  |
| CSA C22.2 No. 1335.2        | Portable Electrical Motor-Operated and Heating Appliances; Particular Requirements   |
| CSA C22.2 No. 1335.2.14     | Portable Electrical Motor-Operated and Heating Appliances: Particular Requirements for Electrical Motor-Operated Kitchen Appliances  |
| CSA CAN/CSA-E60730-2-6      | Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements   |
| CSA SPE 1000                | Model Code for the field evaluation of electrical equipment  |
| EN 60730-1                  | Automatic electrical controls - Part 1: General requirements   |
| EN 60730-2-5                | Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems  |
| EN 60730-2-6                | Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements   |
| EN 60730-2-9                | Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls   |

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| IEC 60730-1    | Automatic electrical controls – Part 1: General requirements   |
| IEC 60730-2-5  | Automatic electrical controls – Part 2-5: Particular requirements for automatic electrical burner control systems  |
| IEC 60730-2-6  | Automatic electrical controls for household and similar use – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements |
| IEC 60730-2-9  | Automatic electrical controls – Part 2-9: Particular requirements for temperature sensing control  |
| IEC 60730-2-12 | Automatic electrical controls – Part 2-12: Particular requirements for electrically operated door locks  |
| IEC 60730-2-15 | Automatic electrical controls – Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls                                    |
| IEC 60745-1    | Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements (Except cl. 31)  |
| IEC 60745-2-1  | Hand-held motor-operated electric tools – Safety – Part 2-1: Particular requirements for drills and impact drills  |
| IEC 60745-2-11 | Hand-held motor-operated electric tools – Safety – Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)  |
| IEC 60745-2-12 | Hand-held motor-operated electric tools – Safety – Part 2-12: Particular requirements for concrete vibrators   |
| IEC 60745-2-13 | Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws   |
| IEC 60745-2-14 | Hand-held motor-operated electric tools – Safety – Part 2-14: Particular requirements for planers  |
| IEC 60745-2-15 | Hand-held motor-operated electric tools – Safety – Part 2-15: Particular requirements for hedge trimmers   |
| IEC 60745-2-16 | Hand-held motor-operated electric tools – Safety – Part 2-16: Particular requirements for tackers  |
| IEC 60745-2-17 | Hand-held motor-operated electric tools – Safety – Part 2-17: Particular requirements for routers and trimmers   |
| IEC 60745-2-18 | Hand-held motor-operated electric tools – Safety – Part 2-18: Particular requirements for strapping tools  |
| IEC 60745-2-19 | Hand-held motor-operated electric tools – Safety – Part 2-19: Particular requirements for jointers   |
| IEC 60745-2-2  | Hand-held motor-operated electric tools – Safety – Part 2-2: Particular requirements for screwdrivers and impact wrenches  |
| IEC 60745-2-20 | Hand-held motor-operated electric tools – Safety – Part 2-20: Particular requirements for band saws  |
| IEC 60745-2-21 | Hand-held motor-operated electric tools – Safety – Part 2-21: Particular requirements for drain cleaners   |

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| IEC 60745-2-22          | Hand-held motor-operated electric tools – Safety – Part 2-22: Particular requirements for cut-off machines                              |
| IEC 60745-2-23          | Hand-held motor-operated electric tools – Safety – Part 2-23: Particular requirements for die grinders and small rotary tools           |
| IEC 60745-2-3           | Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders      |
| IEC 60745-2-4           | Hand-held motor-operated electric tools – Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type     |
| IEC 60745-2-5           | Hand-held motor-operated electric tools – Safety – Part 2-5: Particular requirements for circular saws                                  |
| IEC 60745-2-7           | Hand-held motor-operated electric tools – Safety – Part 2-7: Particular requirements for spray guns for non-flammable liquids           |
| IEC 60745-2-8           | Hand-held motor-operated electric tools – Safety – Part 2-8: Particular requirements for shears and nibblers                            |
| IEC 60745-2-9           | Hand-held motor-operated electric tools – Safety – Part 2-9: Particular requirements for tappers  |
| IEEE 112                | Standard Test Procedure for Polyphase Induction Motors and Generators   |
| NFPA 79                 | Electrical Standard for Industrial Machinery  |
| UL 94                   | Tests for Flammability of Plastic Materials for Parts in Devices and Appliances   |
| UL 1004-1               | Rotating Electrical Machines – General Requirements   |
| UL 1004-2               | Impedance Protected Motors  |
| UL 1004-3               | Thermally Protected Motors (Motors, rated max 500VAC 5HP 40 A, 300VDC 30 A. No ability to perform Clause 37 Limited short-circuit test) |
| UL 1004-8 (2nd Edition) | Inverter Duty Motors  |
| UL 1012                 | Power Units Other Than Class 2  |
| UL 1017                 | Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines  |
| UL 1026                 | Household Electric Cooking and Food Serving Appliances  |
| UL 1030                 | Sheathed Heating Elements   |
| UL 1054                 | Special-Use Switches (except Section 21)  |
| UL 1059                 | Terminal Blocks   |
| UL 1081                 | Swimming Pool Pumps, Filters, and Chlorinators  |
| UL 1082                 | Household Electric Coffee Makers and Brewing-Type Appliances  |
| UL 1278                 | Movable and Wall- or Ceiling-Hung Electric Room Heaters (except Par 57)   |

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| UL 1310      | Class 2 Power Units (except Hot Flaming Oil)  |
| UL 1431      | Personal Hygiene and Health Care Appliances (except cl. 77 to 80, 81 to 86)   |
| UL 1564      | Industrial Battery Chargers   |
| UL 1659      | Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords  |
| UL 197       | Commercial Electric Cooking Appliances  |
| UL 1977      | Component Connectors for Use in Data, Signal, Control and Power Applications (except Section 20)  |
| UL 2021      | Fixed and Location-Dedicated Electric Room Heaters  |
| UL 207       | Refrigerant-Containing Components and Accessories, Nonelectrical  |
| UL 250       | Household Refrigerators and Freezers  |
| UL 325       | Door, Drapery, Gate, Louver, and Window Operators and Systems   |
| UL 399       | Drinking Water Coolers  |
| UL 429       | Electrically Operated Valves  |
| UL 486C      | Splicing Wire Connectors  |
| UL 498       | Attachment Plugs and Receptacles (except Section 55, 56, 57, 78, 92, 116, 123, 137H, 137I)  |
| UL 499       | Electric Heating Appliances   |
| UL 50        | Enclosures for Electrical Equipment, Non-Environmental Considerations   |
| UL 507       | Electric Fans (except Par 67.2 and Par 92.1A)   |
| UL 5085-1    | Low Voltage Transformers – Part 1: General Requirements   |
| UL 5085-2    | Low Voltage Transformers – Part 2: General Purpose Transformers   |
| UL 5085-3    | Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers [Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power:9kVA (300Vac/dc, 30A)] |
| UL 50E       | Enclosures for Electrical Equipment, Environmental Considerations   |
| UL 561       | Floor-Finishing Machines  |
| UL 60730-1   | Automatic Electrical Controls – Part 1: General Requirements  |
| UL 60730-2-5 | Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems   |
| UL 60730-2-6 | Automatic Electrical Controls – Part 2-6: Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements                      |
| UL60730-2-9  | Automatic Electrical Controls – Part 2-9: Particular Requirements for Temperature Sensing Controls  |

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| UL 60730-2-12 | Automatic Electrical Controls – Part 2-12: Particular Requirements for Electrically Operated Door Locks   |
| UL 60730-2-15 | Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Automatic Electrical Air Flow, Water Flow and Water Level Sensing Controls |
| UL 60745-1    | Hand-Held Motor-Operated Electric Tools – Safety – Part 1: General Requirements (Except cl. 31)   |
| UL 60745-2-1  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-1: Particular Requirements for Drills and Impact Drills   |
| UL 60745-2-11 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-11: Particular Requirements for Reciprocating Saws  |
| UL 60745-2-12 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-12: Particular Requirements For Concrete Vibrators  |
| UL 60745-2-13 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws  |
| UL 60745-2-14 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-14: Particular Requirements for Planers   |
| UL 60745-2-15 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-15: Particular Requirements for Hedge Trimmers  |
| UL 60745-2-16 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-16: Particular Requirements for Tackers   |
| UL 60745-2-17 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-17: Particular Requirements for Routers and Trimmers  |
| UL 60745-2-18 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-18: Particular Requirements For Strapping Tools   |
| UL 60745-2-19 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-19: Particular Requirements For Jointers  |
| UL 60745-2-2  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches   |
| UL 60745-2-20 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-20: Particular Requirements for Band Saws   |
| UL 60745-2-21 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-21: Particular Requirements for Drain Cleaners  |
| UL 60745-2-22 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-22: Particular Requirements For Cut-Off Machines  |
| UL 60745-2-23 | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools   |
| UL 60745-2-3  | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders  |

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| UL 60745-2-4                               | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type                         |
| UL 60745-2-5                               | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-5: Particular Requirements for Circular Saws  |
| UL 60745-2-7                               | Hand-held motor-operated electric tools. Part 2: Particular requirements for spray guns for non-flammable liquids   |
| UL 60745-2-8                               | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-8: Particular Requirements for Shears and Nibblers  |
| UL 60745-2-9                               | Hand-Held Motor-Operated Electric Tools – Safety – Part 2-9: Particular Requirements for Tappers  |
| UL 73                                      | Motor-Operated Appliances   |
| UL 773A                                    | Nonindustrial Photoelectric Switches for Lighting Control   |
| UL 778                                     | Motor-Operated Water Pumps  |
| UL 817                                     | Cord Sets and Power-Supply Cords (Max Rated Voltage: 300Vac/dc; Max Rated Current: 60A; Max Resistance Load Power: 9kVA (300Vac/dc,30A))                    |
| UL 82                                      | Electric Gardening Appliances   |
| UL 858                                     | Household Electric Ranges (except Par 66 and Par 67)  |
| UL 859                                     | Household Electric Personal Grooming Appliances   |
| UL 873                                     | Temperature Indicating and Regulating Equipment   |
| UL 875                                     | Electric Dry Bath Heaters (except Par 42.1.3)   |
| UL 982                                     | Motor-Operated Household Food Preparing Machines  |
| UL 987                                     | Stationary and Fixed Electric Tools   |
| <b>Household and Commercial Appliances</b> |   |
| ANSI/UL 1995                               | Heating and Cooling Equipment   |
| ANSI/UL 471                                | Commercial Refrigerators and Freezers   |
| ANSI/UL 474                                | Dehumidifiers   |
| ANSI/UL 484                                | Room Air Conditioners   |
| ANSI/UL 60335-1                            | Household and Similar Electrical Appliances   |
| ANSI/UL 60335-2-24                         | Household and Similar Electrical Appliances – Safety – Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers |
| ANSI/UL 60335-2-3                          | Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons   |
| ANSI/UL 60335-2-34                         | Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (19.101 & 19.102)                           |

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| ANSI/UL 60335-2-40 | Household And Similar Electrical Appliances – Safety – Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers   |
| ANSI/UL 60335-2-72 | Household and similar electrical appliance – Safety – Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial indoor use                 |
| ANSI/UL 60335-2-8  | Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances  |
| ANSI/UL 60335-2-89 | Household and Similar Electrical Appliances – Safety – Part 2-89: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor |
| AS/NZS 60335.1     | Household and similar electrical appliances – Safety – Part 1: General requirements   |
| AS/NZS 60335.2.6   | Household and similar electrical appliances – Safety – Part 2.6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances                                      |
| AS/NZS 60335.2.9   | Household and similar electrical appliances – Safety – Part 2.9: Particular requirements for grills, toasters and similar portable cooking appliances   |
| AS/NZS 60335.2.13  | Household and similar electrical appliances – Safety – Part 2.13: Particular requirements for deep fat fryers, frying pans and similar appliances   |
| AS/NZS 60335.2.15  | Household and similar electrical appliances – Safety – Part 2.15: Particular requirements for appliances for heating liquids  |
| AS/NZS 60335.2.23  | Household and similar electrical appliances – Safety – Part 2.23: Particular requirements for appliances for skin or hair care  |
| AS/NZS 60335.2.24  | Household and similar electrical appliances – Safety – Part 2.24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers                                     |
| AS/NZS 60335.2.30  | Household and similar electrical appliances – Safety – Part 2.30: Particular requirements for room heaters  |
| AS/NZS 60335.2.31  | Household and similar electrical appliances – Safety – Part 2.31: Particular requirements for range hoods and other cooking fume extractors   |
| AS/NZS 60335.2.40  | Household and similar electrical appliances – Safety – Part 2.40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers   |
| AS/NZS 60335.2.78  | Household and similar electrical appliances – Safety – Part 2.78: Particular requirements for outdoor barbecues   |
| AS/NZS 60335.2.80  | Household and similar electrical appliances – Safety – Part 2.80: Particular requirements for fans  |





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| AS/NZS 60335.2.98            | Household and similar electrical appliances – Safety – Part 2.98: Particular requirements for humidifiers   |
| AS/NZS 60335.2.102           | Household and similar electrical appliances – Safety – Part 2.102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections |
| CAN/CSA-C22.2 No. 60335-2-34 | Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (19.101 & 19.102)                                       |
| CAN/CSA-E60335-2-13          | Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances                       |
| CAN/CSA-E60335-2-14          | Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines  |
| CAN/CSA-E60335-2-3           | Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons   |
| CSA C22.2 No. 104            | Humidifiers   |
| CSA C22.2 No. 117            | Room air conditioners   |
| CSA C22.2 No. 150            | Microwave Ovens   |
| CSA C22.2 No. 167            | Household dishwashers   |
| CSA C22.2 No. 168            | Commercial dishwashers  |
| CSA C22.2 No. 187            | Electrostatic air cleaners (except Ozone test)  |
| CSA C22.2 No. 195            | Motor-operated food processing appliances (household and commercial)  |
| 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. 236            | Heating and cooling equipment   |
| CSA C22.2 No. 60335-1        | Household and similar electrical appliances – Safety – Part 1: General requirements   |
| CSA C22.2 No. 60335-2-12     | Household and similar electrical appliances – Safety – Part 2-12: Particular requirements for warming plates and similar appliances                                     |
| CSA C22.2 No. 60335-2-15     | Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids  |
| CSA C22.2 No. 60335-2-23     | Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care  |
| CSA C22.2 No. 60335-2-24     | Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers             |
| CSA C22.2 No. 60335-2-30     | Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters  |



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| CSA C22.2 No. 60335-2-31 | Household and similar electrical appliances – Safety – Part 2-31:<br>Particular requirements for range hoods and other cooking fume extractors   |
| CSA C22.2 No. 60335-2-32 | Household and similar electrical appliances — Safety — Part 2-32:<br>Particular requirements for massage appliances  |
| CSA C22.2 No. 60335-2-36 | Household and similar electrical appliances – Safety – Part 2-36:<br>Particular requirements for commercial electric cooking ranges, ovens, hobs and hob element                       |
| CSA C22.2 No. 60335-2-37 | Household and similar electrical appliances – Safety – Part 2-37:<br>Particular requirements for commercial electric doughnut fryers and deep fat fryers                               |
| CSA C22.2 No. 60335-2-38 | Household and similar electrical appliances – Safety – Part 2-38:<br>Particular requirements for commercial electric griddles and griddle grills                                       |
| CSA C22.2 No. 60335-2-39 | Household and similar electrical appliances – Safety – Part 2-39:<br>Particular requirements for commercial electric multi-purpose cooking pans  |
| CSA C22.2 No. 60335-2-40 | Household and similar electrical appliances – Safety – Part 2-40:<br>Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers                             |
| SA C22.2 No. 60335-2-42  | Household and similar electrical appliances – Safety – Part 2-42:<br>Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens |
| CSA C22.2 No. 60335-2-44 | Household and similar electrical appliances - Safety - Part 2-44:<br>Particular requirements for ironers   |
| CSA C22.2 No. 60335-2-47 | Household and similar electrical appliances – Safety – Part 2-47:<br>Particular requirements for commercial electric boiling pans (Except cl.31, 32)                                   |
| CSA C22.2 No. 60335-2-48 | Household and similar electrical appliances – Safety – Part 2-48:<br>Particular requirements for commercial electric grillers and toasters (except cl. 24, 31, 32)                     |
| CSA C22.2 No. 60335-2-49 | Household and similar electrical appliances – Safety – Part 2-49:<br>Particular requirements for commercial electric appliances for keeping food and crockery warm                     |
| CSA C22.2 No. 60335-2-50 | Household and similar electrical appliances – Safety – Part 2-50:<br>Particular requirements for commercial electric bains-marie   |
| CSA C22.2 No. 60335-2-52 | Household and similar electrical appliances — Safety — Part 2-52:<br>Particular requirements for oral hygiene appliances   |
| CSA C22.2 No. 60335-2-6  | Household and similar electrical appliances – Safety – Part 2-6:<br>Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances                          |



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| CSA C22.2 No. 60335-2-72               | Household and similar electrical appliances – Safety – Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use                       |
| CSA C22.2 No. 60335-2-78               | Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues   |
| CSA C22.2 No. 60335-2-8                | Household and Similar Electrical Appliances – Safety – Part 2-8: Particular Requirements for Shavers, Hair Clippers and Similar Appliances  |
| CSA C22.2 No. 60335-2-80               | Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans  |
| CSA C22.2 No. 60335-2-89               | Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor |
| CSA C22.2 No. 60335-2-9                | Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances   |
| CSA C22.2 No. 81                       | Electric irons  |
| CSA C22.2 No. 92                       | Dehumidifiers   |
| CSA C22.2 No. 110                      | Electric storage-tank water heaters   |
| CSA C22.2 No. 165                      | Electric boilers  |
| CSA E60335-2-64                        | Household and similar electrical appliances — Safety — Part 2-64: Particular requirements for commercial electric kitchen machines  |
| IEC 62301, Ed.2.0                      | Household Electrical Appliances – Measurement of Standby Power  |
| IEC/EN 50564                           | Electrical and electronic household and office equipment – Measurement of low power consumption   |
| IEC/EN 60335-1                         | Household and similar electrical appliances – Safety – Part 1: General requirements   |
| IEC 60335-1:2010+ AMD1:2013+ AMD2:2016 | Household and similar electrical appliances – Safety – Part 1: General requirements   |
| IEC/EN 60335-2-102                     | Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections                         |
| IEC/EN 60335-2-13                      | Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances   |
| IEC/EN 60335-2-14                      | Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines  |
| IEC/EN 60335-2-15                      | Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids  |



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| IEC/EN 60335-2-23                          | Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care  |
| IEC/EN 60335-2-24                          | Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers                         |
| IEC 60335-2-24: 2010+ AMD1:2012+ AMD2:2017 | Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers                         |
| IEC/EN 60335-2-30                          | Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters  |
| IEC/EN 60335-2-31                          | Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors   |
| IEC/EN 60335-2-36                          | Household and similar electrical appliances – Safety – Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements                      |
| IEC/EN 60335-2-37                          | Household and similar electrical appliances – Safety – Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers                               |
| IEC/EN 60335-2-38                          | Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills                                       |
| IEC/EN 60335-2-39                          | Household and similar electrical appliances – Safety – Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans  |
| IEC/EN 60335-2-40                          | Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers                             |
| IEC/EN 60335-2-42                          | Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens |
| IEC/EN 60335-2-47                          | Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans  |
| IEC/EN 60335-2-48                          | Household and similar electrical appliances – Safety – Part 2-48: Particular requirements for commercial electric grillers and toasters   |
| IEC/EN 60335-2-49                          | Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm                     |
| IEC/EN 60335-2-50                          | Household and similar electrical appliances – Safety – Part 2-50: Particular requirements for commercial electric bains-marie   |
| IEC/EN 60335-2-6                           | Household and similar electrical appliances – Safety Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances                            |

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| IEC/EN 60335-2-65 | Household and similar electrical appliances – Safety – Part 2-65: Particular requirements for air-cleaning appliances  |
| IEC/EN 60335-2-78 | Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues  |
| IEC/EN 60335-2-80 | Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans   |
| IEC/EN 60335-2-89 | Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor |
| IEC/EN 60335-2-9  | Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances  |
| IEC/EN 60335-2-98 | Household and similar electrical appliances – Safety – Part 2-98: Particular requirements for humidifiers  |
| ISO 16358-1:2013  | Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 1: Cooling seasonal performance factor                                     |
| ISO 16358-2:2013  | Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 2: Heating seasonal performance factor                                     |
| ISO 16358-3:2013  | Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 3: Annual performance factor   |
| NSF/ANSI 4        | Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment  |
| NSF/ANSI 7        | Commercial Refrigerators and Freezers  |
| NSF/ANSI 8        | Commercial Powered Food Preparation Equipment  |
| UL 141            | UL Standard for Safety Garment Finishing Appliances  |
| UL 174            | UL Standard for Safety Household Electric Storage Tank Water Heaters   |
| UL 563            | Ice Makers   |
| UL 621            | Ice Cream Makers   |
| UL 749            | Household Dishwashers  |
| UL 763            | Motor-Operated Commercial Food Preparing Machines  |
| UL 834            | UL Standard for Safety Heating, Water Supply, and Power Boilers – Electric   |
| UL 867            | Electrostatic Air Cleaners (except Ozone test)   |
| UL 921            | Commercial Dishwashers   |
| UL 923            | Microwave Cooking Appliances   |
| UL 1083           | Household Electric Skillets and Frying-Type Appliances   |

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| UL 1563                  | UL Standard for Safety Electric Spas, Equipment Assemblies, and Associated Equipment  |
| UL 1647                  | Motor-Operated Massage and Exercise Machines  |
| UL 1727                  | UL Standard for Safety Commercial Electric Personal Grooming Appliances   |
| UL 1795                  | UL Standard for Safety Hydromassage Bathtubs  |
| UL 1815                  | Nonducted Heat Recovery Ventilators   |
| UL 1812                  | Ducted Heat Recovery Ventilators  |
| UL 979                   | UL Standard for Safety Water Treatment Appliances   |
| UL 998                   | Humidifiers   |
| <b>Lighting Products</b> |   |
| AS 61347.2.7             | Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) |
| AS/NZS 60598.1           | Luminaires - Part 1: General requirements and tests   |
| AS/NZS 60598.2.1         | Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires - Edition 2.0   |
| AS/NZS 60598.2.2         | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| AS/NZS 60598.2.20        | Luminaires - Part 2-20: Particular requirements - Lighting chains   |
| AS/NZS 60598.2.21        | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| AS/NZS 60598.2.22        | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| AS/NZS 60598.2.4         | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| AS/NZS 60598.2.5         | Luminaires - Part 2-5: Particular requirements - Floodlights  |
| AS/NZS 60598.2.8         | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| AS/NZS 61347.1           | Lamp controlgear - Part 1: General and safety requirements  |
| AS/NZS 61347.2.11        | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| AS/NZS 61347.2.13        | Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |
| AS/NZS 61347.2.8         | Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps  |
| BS EN 60570              | Electrical supply track systems for luminaires  |
| BS EN 60598-2-2          | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| BS EN 60598-2-20         | Luminaires - Part 2-20: Particular requirements - Lighting chains   |

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|-----------------------|---|
| BS EN 60598-2-21      | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| BS EN 60598-2-4       | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| BS EN 60598-2-5       | Luminaires - Part 2-5: Particular requirements - Floodlights  |
| BS EN 60598-2-8       | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| BS EN 61347-1         | Lamp controlgear - Part 1: General and safety requirements  |
| BS EN 61347-2-11      | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| BS EN 61347-2-12      | Lamp controlgear -- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)                      |
| BS EN 61347-2-13      | Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |
| BS EN 61347-2-7       | Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) |
| BS EN 61347-2-8       | Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps  |
| BS EN IEC 60598-1     | Luminaires - Part 1: General requirements and tests   |
| BS EN IEC 60598-2-1   | Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires - Edition 2.0   |
| BS EN IEC 60598-2-22  | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| BS EN IEC 62031       | LED modules for general lighting – Safety specifications  |
| CSA C22.2 No. 12      | Portable Luminaires   |
| CSA C22.2 No. 141     | Emergency Lighting Equipment  |
| CSA C22.2 NO. 166     | Stage and Studio Luminaires   |
| CSA C22.2 No. 1993    | Self-Ballasted Lamps and Lamp Adapters  |
| CSA C22.2 No. 207     | Portable and stationary electric signs and displays   |
| CSA C22.2 No. 250.0   | Luminaires (except Clauses 16.5.5, 16.8, 16.11, and 16.12)  |
| CSA C22.2 No. 250.1   | Retrofit Kits For Luminaire Conversion  |
| CSA C22.2 No. 250.13  | Light Emitting Diode (LED) Equipment For Lighting Applications  |
| CSA C22.2 No. 250.2   | Lighting System   |
| CSA C22.2 No. 250.4   | Portable Luminaires   |
| CSA C22.2 No. 250.5   | Flashlights and lanterns  |
| CSA C22.2 No. 250.570 | Track Lighting  |

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| CSA C22.2 No. 250.7 | Extra-Low-Voltage Landscape Lighting Systems   |
| CSA C22.2 No. 256   | Direct Plug-in Nightlights   |
| CSA C22.2 No. 37    | Decorative Lighting Products   |
| CSA C22.2 No. 43    | Lampholders  |
| CSA C22.2 No. 74    | Equipment for Use with Electric Discharge Lamps  |
| CSA C22.2 No. 84    | Incandescent Lamps   |
| CSA C22.2 No. 89    | Swimming Pool Luminaires, Submersible Luminaires and Accessories   |
| CSA C22.2 No. 9.0   | General Requirements for Luminaires (except Clauses 13.32, 13.33, and 13.37)   |
| CSA-C860            | Performance of internally lighted exit signs   |
| CSA TIL No. B-68    | Interim Certification Requirements for Ballasts for Use with Fluorescent Lamps   |
| CSA TIL No. B-70    | Interim Certification Requirements for decorative lighting strings with flashers or controllers  |
| CSA TIL No. B-79    | Requirements for Retrofitted Luminaires and LED Retrofit Kits for Installation into Previously Installed Luminaires                            |
| CSA TIL No. B-79A   | Interim Certification Requirements for LED Retrofit Kits and Field Retrofitted Luminaires  |
| CSA TIL No. B-81    | Interim Certification Requirements for Self Ballasted Tubular LED (TLED) Type A Lamps  |
| GB 19510.1          | Lamp controlgear—Part 1: General and safety requirements   |
| GB 19510.12         | Lamp controlgear—Part 12: Particular requirements for miscellaneous electronic circuits used with luminaries                                   |
| GB 19510.13         | Lamp controlgear—Part 13: Particular requirements for d.c.or a.c.supplied electronic ballasts for discharge lamps(excluding fluorescent lamps) |
| GB 19510.14         | Lamp controlgear—Part 14: Particular requirements for d.c.or a.c.supplied electronic controlgear for LED modules                               |
| GB 19510.8          | Lamp controlgear—Part 8: Particular requirements for d.c.supplied electronic ballasts for emergency lighting                                   |
| GB 19510.9          | Lamp controlgear—Part 9: Particular requirements for ballasts for fluorescent lamps  |
| GB 24819            | LED modules for general lighting—Safety specifications   |
| GB 7000.1           | Luminaires—Part 1: General requirements and tests  |
| GB 7000.2           | Luminaires—Part 2-22: Particular requirements—Luminaires for emergency lighting  |
| GB 7000.201         | Luminaires—Part 2-1: Particular requirements—Fixed general purpose luminaires  |

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| GB 7000.202           | Luminaires—Part 2-2: Particular requirements—Recessed luminaires  |
| GB 7000.204           | Luminaires—Part 2-4: Particular requirements—Portable general purpose luminaires  |
| GB 7000.208           | Luminaires—Part 2-8: Particular requirements—Handlamps  |
| GB 7000.7             | Safety requirements for floodlights   |
| GB 7000.9             | Luminaires—Part 2-20: Particular requirements—Lighting chains   |
| GB/T 13961            | Electrical supply track systems for luminaires  |
| IEC/EN 60570          | Electrical supply track systems for luminaires  |
| IEC/EN 60598-1        | Luminaires - Part 1: General requirements and tests   |
| IEC/EN 60598-2-1      | Luminaires - Part 2-1: Particular requirements – Fixed general purpose luminaires   |
| IEC/EN 60598-2-2      | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| IEC/EN 60598-2-20     | Luminaires - Part 2-20: Particular requirements - Lighting chains   |
| IEC/EN 60598-2-21     | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| IEC/EN 60598-2-22     | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| IEC/EN 60598-2-4      | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| IEC/EN 60598-2-5      | Luminaires - Part 2-5: Particular requirements - Floodlights  |
| IEC/EN 60598-2-8      | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| IEC/EN 61347-1        | Lamp controlgear - Part 1: General and safety requirements  |
| IEC/EN 61347-2-7      | Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) |
| IEC/EN 61347-2-8      | Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps  |
| IEC/EN 61347-2-11     | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| IEC/EN 61347-2-12     | Lamp controlgear -- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)                      |
| IEC/EN 61347-2-13     | Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |
| IEC/EN 62031          | LED modules for general lighting – Safety specifications  |
| J60570/JIS C 8472     | Electrical supply track systems for luminaires  |
| J60598-1/JIS C 8105-1 | Luminaires - Part 1: General requirements and tests   |

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|-----------------------------|---|
| J60598-2-1/JIS C 8105-2-1   | Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires - Edition 2.0   |
| J60598-2-2/JIS C 8105-2-2   | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| J60598-2-20/JIS C 8105-2-20 | Luminaires - Part 2-20: Particular requirements - Lighting chains   |
| J60598-2-21/JIS C 8105-2-21 | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| J60598-2-22/JIS C 8105-2-22 | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| J60598-2-4/JIS C 8105-2-4   | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| J60598-2-5/JIS C 8105-2-5   | Luminaires - Part 2-5: Particular requirements - Floodlights  |
| J60598-2-8/JIS C 8105-2-8   | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| J61347-1/JIS C 8147-1       | Lamp controlgear - Part 1: General and safety requirements  |
| J61347-2-11/JIS C 8147-2-11 | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| J61347-2-12/JIS C 8147-2-12 | Lamp controlgear -- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)                      |
| J61347-2-13/JIS C 8147-2-13 | Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |
| J61347-2-8/JIS C 8147-2-8   | Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps  |
| JIS C 8147-2-7              | Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) |
| NMX-J-307-ANCE              | General use indoor and outdoor luminaires   |
| NMX-J-588-ANCE              | Seasonal and holiday decorative products: Safety requirements   |
| SANS 1464-22                | SAFETY OF LUMINAIRES - PART 22: LUMINAIRES FOR EMERGENCY LIGHTING   |
| SANS 60598-1                | Luminaires - Part 1: General requirements and tests   |
| SANS 60598-2-1              | Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires - Edition 2.0   |
| SANS 60598-2-2              | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| SANS 60598-2-20             | Luminaires - Part 2-20: Particular requirements - Lighting chains   |
| SANS 60598-2-21             | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| SANS 60598-2-4              | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| SANS 60598-2-5              | Luminaires - Part 2-5: Particular requirements - Floodlights  |

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| SANS 60598-2-8          | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| SASO GSO IEC 60598-2-1  | Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires   |
| SASO GSO IEC 60598-2-2  | Luminaires - Part 2-2: Particular requirements - Recessed luminaires  |
| SASO GSO IEC 60598-2-20 | Luminaires - Part 2-20: Particular requirements - Lighting chains   |
| SASO GSO IEC 60598-2-22 | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| SASO GSO IEC 61347-2-12 | Lamp controlgear -- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)                      |
| SASO GSO IEC 61347-2-8  | Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps  |
| SASO IEC 60570          | Electrical supply track systems for luminaires  |
| SASO IEC 60598-1        | Luminaires - Part 1: General requirements and tests   |
| SASO IEC 60598-2-21     | Luminaires - Part 2-21: Particular requirements - Rope lights   |
| SASO IEC 60598-2-4      | Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires  |
| SASO IEC 60598-2-5      | Luminaires - Part 2-5: Particular requirements - Floodlights  |
| SASO IEC 60598-2-8      | Luminaires - Part 2-8: Particular requirements - Handlamps  |
| SASO IEC 61347-1        | Lamp controlgear - Part 1: General and safety requirements  |
| SASO IEC 61347-2-11     | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |
| SASO IEC 61347-2-13     | Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |
| SASO IEC 61347-2-7      | Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained) |
| SASO IEC 62031          | LED modules for general lighting – Safety specifications  |
| SS IEC 60598-1          | Luminaires - Part 1: General requirements and tests   |
| SS IEC 60598-2-22       | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting   |
| Subject 1029A           | Outline of Investigation For Ignitors And Related Auxiliaries For HID Lamp Ballasts   |
| UL 1018                 | Electric Aquarium Equipment (except Section 53)   |
| UL 1029                 | High-Intensity Discharge Lamp Ballasts  |
| UL 1088                 | Temporary Lighting Strings  |
| UL 153                  | Portable Electric Luminaires  |

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|          |  |
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| UL 1573  | Stage and Studio Luminaires and Connector Strips   |
| UL 1574  | Track Lighting Systems   |
| UL 1576  | Flashlights and Lanterns   |
| UL 1598  | Luminaires (except Section 16.5.5, 16.8, 16.11, and 16.12)   |
| UL 1598A | Supplemental Requirements for Luminaires for Installation on Marine Vessels  |
| UL 1598B | Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires |
| UL 1598C | Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits  |
| UL 1786  | Direct Plug-In Nightlights   |
| UL 1838  | Low Voltage Landscape Lighting Systems   |
| UL 1993  | Self-Ballasted Lamps and Lamp Adapters   |
| UL 2108  | Low Voltage Lighting Systems   |
| UL 234   | Low Voltage Lighting Fixtures For Use in Recreational Vehicles   |
| UL 2388  | Flexible Lighting Products   |
| UL 2749  | Outline Of Investigation for Seasonal Use LED Drivers and Non-Integral LED Lighting Strings                            |
| UL 48    | Electric Signs   |
| UL 496   | Lampholders  |
| UL 588   | Seasonal and Holiday Decorative Products, Supplement SD  |
| UL 65    | Wired Cabinets   |
| UL 676   | Underwater Luminaires and Submersible Junction Boxes   |
| UL 8750  | Light Emitting Diode (LED) Equipment for Use in Lighting Products  |
| UL 8754  | Holders, Bases, and Connectors for Solid-State (LED) Light Engines and Arrays  |
| UL 879   | Electric Sign Components   |
| UL 879A  | LED Sign and Sign Retrofit Kits  |
| UL 8800  | Horticultural Lighting Equipment And Systems   |
| UL 8801  | Photovoltaic (PV) Luminaire Systems  |
| UL 8802  | UL Outline of Investigation for UV Germicidal Equipment and Systems  |
| UL 8803  | UL Outline for Investigation for Portable UV Germicidal Equipment With Uncontained UV Sources                          |
| UL 924   | Emergency Lighting and Power Equipment   |
| UL 935   | Fluorescent – Lamp Ballasts  |
| UL 962   | Household and Commercial Furnishings   |

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|   |   |
|---|---|
| ULC-S1088   | Standard For Temporary Lighting Strings   |
| ULC-S572  | Photoluminescent and Self-Luminous Exit Signs and Path Marking Systems  |
| ULC-S8754   | Holders, Bases, and Connectors for Solid-State (LED) Light Engines and Arrays   |
| <b>Electronic Products Information Technology Equipment</b> |   |
| 10 CFR, Appendix Y to Subpart B of Part 430                 | Uniform Test Method for Measuring the Energy Consumption of Battery Chargers  |
| 16 CFR Part 1263  | Safety Standard for Button Cell or Coin Batteries and Consumer Products Containing Such Batteries   |
| AS/NZ 60950-1   | Information Technology Equipment – Safety – Part 1: General Requirements (For 2nd edition, except Clauses 2.10.4.2, 2.10.8.4, 3.2.5.1, 4.2.8, 4.3.12, 4.3.13) |
| CAN/CSA-C22.2 No. 107.3                                     | Uninterruptible Power Systems   |
| CAN/CSA-C22.2 No. 60950-22                                  | Information technology equipment – Safety – Part 22: Equipment to be installed outdoors   |
| CSA C22.2 No. 60950-1                                       | Information Technology Equipment – Safety – Part 1: General Requirements (For 2nd edition, except Clauses 2.10.4.2, 2.10.8.4, 3.2.5.1, 4.2.8, 4.3.12, 4.3.13) |
| CSA C381.2-17   | Energy performance of battery-charging systems and uninterruptible power supplies   |
| EN 60529  | Degrees of protection provided by enclosures (IP Code)  |
| EN 60950-1  | Information Technology Equipment – Safety – Part 1: General Requirements (For 2nd edition, except Clauses 2.10.4.2, 2.10.8.4, 3.2.5.1, 4.2.8, 4.3.12, 4.3.13) |
| EN 60950-22   | Information technology equipment – Safety – Part 22: Equipment to be installed outdoors   |
| IEC 60529   | Degrees of protection provided by enclosures (IP Code)  |
| IEC 60950-1   | Information Technology Equipment – Safety – Part 1: General Requirements (For 2nd edition, except Clauses 2.10.4.2, 2.10.8.4, 3.2.5.1, 4.2.8, 4.3.12, 4.3.13) |
| IEC 60950-22  | Information technology equipment – Safety – Part 22: Equipment to be installed outdoors   |
| UL 1778   | UL Standard for Safety Uninterruptible Power Systems  |
| UL 4200A  | Products Incorporating Button Batteries or Coin Cell Batteries  |
| UL 60950-1  | Information Technology Equipment – Safety – Part 1: General Requirements (For 2nd edition, except Clauses 2.10.4.2, 2.10.8.4, 3.2.5.1, 4.2.8, 4.3.12, 4.3.13) |
| UL 60950-22   | Information technology equipment – Safety – Part 22: Equipment to be installed outdoors   |

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| <b>Audio, Video and Similar Electronic Apparatus</b>                    |   |
|---|---|
| AS/NZ 60065   | Audio, Video and Similar Electronic Apparatus – Safety Requirements (For 7th edition, except Clauses 6, 7.2, 8.18, 8.22, 14.2, 14.4, 14.5, 14.12, 16.1, 18; For 8th edition, except Clauses 6, 7.2, 8.17, 8.21, 14.3, 14.5, 14.6, 14.13, 16.1, 18)  |
| CSA C22.2 No. 60065   | Audio, Video and Similar Electronic Apparatus – Safety Requirements (For 7th edition, except Clauses 6, 7.2, 8.18, 8.22, 14.2, 14.4, 14.5, 14.12, 16.1, 18; For 8th edition, except Clauses 6, 7.2, 8.17, 8.21, 14.3, 14.5, 14.6, 14.13, 16.1, 18)  |
| EN 60065  | Audio, Video and Similar Electronic Apparatus – Safety Requirements (For 7th edition, except Clauses 6, 7.2, 8.18, 8.22, 14.2, 14.4, 14.5, 14.12, 16.1, 18; For 8th edition, except Clauses 6, 7.2, 8.17, 8.21, 14.3, 14.5, 14.6, 14.13, 16.1, 18)  |
| IEC 60065   | Audio, Video and Similar Electronic Apparatus – Safety Requirements (For 7th edition, except Clauses 6, 7.2, 8.18, 8.22, 14.2, 14.4, 14.5, 14.12, 16.1, 18; For 8th edition, except Clauses 6, 7.2, 8.17, 8.21, 14.3, 14.5, 14.6, 14.13, 16.1, 18)  |
| NOM-001-SCFI  | Electronic Devices – Safety Requirements and Test Methods   |
| UL 60065  | Audio, Video and Similar Electronic Apparatus – Safety Requirements (For 7th edition, except Clauses 6, 7.2, 8.18, 8.22, 14.2, 14.4, 14.5, 14.12, 16.1, 18; For 8th edition, except Clauses 6, 7.2, 8.17, 8.21, 14.3, 14.5, 14.6, 14.13, 16.1, 18)  |
| <b>Electrical Equipment for Measurement, Control and Laboratory Use</b> |   |
| AS 61010.031  | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement   |
| AS 61010.1  | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements  |
| AS 61010.2.032  | Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement  |
| CSA C22.2 No. 61010-031   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (Binational standard with UL 61010-031) (Except Clause 11.3)   |
| CSA C22.2 No. 61010-1   | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements (For 2nd edition, except Equipment of Measurement Category III or IV, and for outdoor use, and provided with high pressure fluid, radiation, or hazardous acoustic level. For 3rd edition, except Clauses 6.7.1.3, 10.5.3 2, 11.6, 12, 13.2.3, 14.8) |
| CSA C22.2 No. 61010-2-030   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-030: Particular requirements for testing and   |

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|---------------------------|---|
|                           | measuring circuits (Tri-national standard, with ANSI/ISA-61010-2-030 (82.02.03) and UL 61010-2-030) (Except Clause 14.101)  |
| CSA C22.2 No. 61010-2-032 | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (Adopted IEC 61010-2-032:2012, edition 3.0:2012, with Canadian deviations) (For 3rd edition, except Clause 14.101)                                     |
| CSA C22.2 No. 61010-2-033 | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage (Adopted IEC 61010-2-33:2012, edition 1.0:2012, with Canadian deviations) (Except Clause 14.101)                            |
| CSA C22.2 No. 61058-1     | Switches for Appliances – Part 1: General Requirements  |
| CSA C22.2 No. 61058-1-1   | Switches for appliances – Part 1-1: Requirements for mechanical switches  |
| CSA C22.2 No. 61058-1-2   | Switches for appliances – Part 1-2: Requirements for electronic switches  |
| EN 61010-031              | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (Except Clause 11.3)   |
| EN 61010-1                | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements (For 2nd edition, except Equipment of Measurement Category III or IV, and for outdoor use, and provided with high pressure fluid, radiation, or hazardous acoustic level. For 3rd edition, except Clauses 6.7.1.3, 10.5.3 2, 11.6, 12, 13.2.3, 14.8) |
| EN 61010-2-030            | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-030: Particular requirements for testing and measuring circuits (Tri-national standard, with ANSI/ISA-61010-2-030 (82.02.03) and UL 61010-2-030) (Except Clause 14.101)  |
| EN 61010-2-032            | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (Adopted IEC 61010-2-032:2012, edition 3.0:2012, with Canadian deviations) (For 3rd edition, except Clause 14.101)                                     |
| EN 61010-2-033            | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage (Adopted IEC 61010-2-33:2012, edition 1.0:2012, with Canadian deviations) (Except Clause 14.101)                            |
| IEC 61010-2-030           | Safety requirements for electrical equipment for measurement, control and laboratory use -- Part 2-030: Particular requirements for testing and measuring circuits  |
| IEC 61010-2-033           | Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held   |

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|  |   |
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|  | multimeters and other meters, for domestic and professional use, capable of measuring mains voltage   |
| UL 61010-031   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test (Second edition) (Except Clause 11.3)  |
| UL 61010-1   | Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements – Second Edition (For 2nd edition, except Equipment of Measurement Category III or IV, and for outdoor use, and provided with high pressure fluid, radiation, or hazardous acoustic level. For 3rd edition, except Clauses 6.7.1.3, 10.5.3 2, 11.6, 12, 13.2.3, 14.8)                                   |
| UL 61010-2-030   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-030: Particular requirements for testing and measuring circuits (First edition) (Except Clause 14.101)   |
| UL 61010-2-032   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement (Third Edition) (For 3rd edition, except Clause 14.101)  |
| UL 61010-2-033   | Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage (First Edition) (Except Clause 14.101)  |
| UL 61058-1   | Switches for Appliances – Part 1: General Requirements  |
| <b>Audio/Video, Information and Communication Technology Equipment</b> |   |
| AS/NZ 62368-1  | Audio/Video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |
| CSA C22.2 No. 62368-1  | Audio/video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |
| EN 62368-1   | Audio/Video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |



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| EN IEC 62368-3                | Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports (except clause 6)   |
| IEC 62368-1                   | Audio/Video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |
| IEC 62368-3                   | Audio/video, information and communication technology equipment – Part 3: Safety aspects for DC power transfer through communication cables and ports (except clause 6)   |
| J62368-1                      | Audio/Video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |
| UL 2738                       | UL Standard for Safety Induction Power Transmitters and Receivers for use with Low Energy Products  |
| UL 62368-1                    | Audio/Video Information and Communication Technology Equipment – Part 1: Safety Requirements (For 2 <sup>nd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.3.3, G.15.3.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ; For 3 <sup>rd</sup> Ed., except clauses 5.4.1.10.2, 5.4.3.3, 5.4.4.6.5, 10, G.7, G.13.6.2, G.15.2.3, G.15.2.4, J, M.8, S.3.2, U, DVB, DVC, DVI, DVJ) |
| <b>Wire and Cable Testing</b> |   |
| ANSI/IEEE 515                 | IEEE Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Industrial Applications   |
| ANSI/IEEE 515.1               | EEE Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Commercial Applications  |
| CSA C22.2 No. 127             | Equipment and Lead Wires (except Clauses 6.1.10, 6.2.11, 6.2.15, 6.3.3, 6.3.4, 6.3.13, 6.4.5.15, 6.6.5.12, 6.7.4.7)   |
| CSA C22.2 No. 130             | Requirements for Electrical Resistance Trace Heating and Heating Device Sets  |
| CSA C22.2 No. 131             | Type TECK 90 cable  |
| CSA C22.2 No. 197             | PVC Insulating Tape   |
| CSA C22.2 No. 198.1           | Extruded Insulating Tubing  |
| CSA C22.2 No. 198.3           | Coated Electrical Sleeving  |
| CSA C22.2 No. 210             | Appliance Wiring Material Products (except Clauses 11.16, 11.17)  |
| CSA C22.2 No. 214             | Communications Cable (except Clause 7.13)   |

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| CSA C22.2 No. 230  | Tray cables (except Clause 5.8)   |
| CSA C22.2 No. 239  | Control and instrumentation cables (except Clauses 6.2.3.4, 5.2.1.3, 5.6.4.1, 6.2.5, X-ray fluorescence or analysis of the chemical composition of all ingredients used)  |
| CSA C22.2 No. 271  | Photovoltaic Cables (except Clauses 6.3, 6.13, 6.20)  |
| CSA C22.2 NO. 332  | Electric vehicle cable  |
| CSA C22.2 No. 38   | Thermoset-Insulated Wires and Cables (except Clauses 4.10, 5.3, 5.13, 5.14.2, 5.14.8, 5.22, 5.23, 7)  |
| CSA C22.2 No. 48   | Non-Metallic Sheathed Cable   |
| CSA C22.2 No. 49   | Flexible Cords and Cables (except Clauses 5.1.14, 5.1.16, 5.1.17, 5.1.18, 5.1.20, 5.2.1, 5.2.9)   |
| CSA C22.2 No. 51   | Armoured Cables   |
| CSA C22.2 No. 75   | Thermoplastic-Insulated Wires and Cables  |
| IEC 60332-2-2      | Tests on electric and optical fibre cables under fire conditions -- Part 2-2: Test for vertical flame propagation for a single small insulated wire or cable - Procedure for diffusion flame                      |
| IEC 60332-1-2      | Tests on electric and optical fibre cables under fire conditions – Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW pre-mixed flame                        |
| IEC 60332-1-3      | Tests on electric and optical fibre cables under fire conditions - Part 1-3: Test for vertical flame propagation for a single insulated wire or cable - Procedure for determination of flaming droplets/particles |
| IEC TS 60695-11-21 | Fire hazard testing - Part 11-21: Test flames - 500 W vertical flame test method for tubular polymeric materials  |
| UL 13              | Power-Limited Circuit Cables (except Clause 25, 43)   |
| UL 44              | Thermoset-Insulated Wires and Cables  |
| UL 62              | Flexible Cords and Cables   |
| UL 83              | Thermoplastic-Insulated Wires and Cables  |
| UL 224             | Extruded Insulating Tubing  |
| UL 444             | Communications Cable  |
| UL 515             | Electrical Resistance Trace Heating for Commercial Applications   |
| UL 758             | Appliance Wiring Material (except Clauses 25, 28, 32, 33, and 36)   |
| UL 1441            | Coated Electrical Sleeving  |
| UL 1673            | Electric Space Heating Cables   |
| UL 4128            | Outline of Investigation for Intercell and Intertier Connectors for Use in Electrochemical Battery System Applications  |
| UL 4703            | Photovoltaic Wire (except Spark Test)   |

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|   |   |
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| UL 9990   | Outline of Investigation for Information and Communication Technology (ICT) Power Cables                                    |
| <b>Energy Efficiency Verification (EEV) Program</b> |   |
| CEC Test Method                                     | Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies                 |
| CSA C300  | Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, Freezers and Wine Chillers               |
| CSA C381.1  | Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies.                |
| CSA C390  | Test Methods, Marking Requirements and Energy Efficiency Levels for Three-Phase Induction Motors                            |
| CSA C657  | Energy Performance Standard for Commercial Refrigeration Equipment  |
| CSA C62301  | Household Electrical Appliances - Measurement of Standby Power  |
| CSA C747  | Energy Efficiency Test Methods for Small Motors   |
| CSA C749  | Energy Performance of Dehumidifiers   |
| CSA C815  | Energy Performance of Drinking Water Coolers  |
| CSA C827  | Energy Performance Standard for Food Service Refrigerators and Freezers   |
| EN 50563  | External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes |
| US DOE 10 CFR – Appendix Z to Subpart B of Part 430 | Uniform Test Method for Measuring the Energy Consumption of External Power Supplies   |
| ANSI C78.375-1997                                   | American National Standard for Fluorescent Lamps – Guide for Electrical Measurements  |
| ANSI C78.376-2014                                   | Electric Lamps Specifications for the Chromaticity  |
| ANSI C78.377-2014                                   | Specification of Chromaticity of Solid State Lighting Products  |
| ANSI C78.377-2015                                   | Chromaticity of Solid State Lighting Products   |
| ANSI C78.389-2004                                   | Electric Lamps, High Intensity Discharge, Methods of Measuring Characteristics  |
| ANSI C78.5-2003                                     | Specifications for Performance of Self-Ballasted Compact Fluorescent Lamps  |
| ANSI C82.11-2002                                    | High-Frequency Fluorescent Lamp Ballasts  |
| ANSI C82.6-2005                                     | Ballast For High Intensity Discharge Lamps – Methods of Measurement   |
| ANSI C82.77-2002                                    | Harmonic Emission Limits – Related Power Quality Requirements for Lighting  |
| ANSI/IEEE C62.41 – 1991 (01-May-1991)               | Recommended Practice for Surge Voltages in Low Voltage AC Power Circuits, Category A, 7 Strikes                             |

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| ANSI/NEMA 77-2017   | Temporal Light Artifacts: Test Methods and Guidance for Acceptance Criteria   |
| ANSI/NEMA C82.2-2002  | Method of Measurement of Fluorescent Lamp Ballasts  |
| ASTM E283/E283M   | <u>Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen</u> |
| ASTM G154-05  | Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials  |
| CAN/CSA-C860-11   | Performance of internally lighted exit signs  |
| CIE 127-1997  | Measurement of LEDs   |
| CIE 127-2007  | Measurement of LEDs   |
| CIE 13.3-1995   | Method of Measuring and Specifying Color Rendering of Light Sources   |
| CIE 15-2004   | Colorimetry Standard  |
| CIE 84-1989   | The Measurement of Luminous Flux  |
| CSA-22.2 No.37-M1989 (R2004)                                    | Christmas Tree and Other Decorative Lighting Outfits  |
| CSA C862  | Performance of Incandescent Reflector Lamps   |
| CSA C881  | Performance of general service integrated lamps   |
| Ambient Temperature Life Test (ATLT)                            |   |
| Elevated Temperature Life Test (ETLT)                           |   |
| Elevated Temperature Light Output Ratio                         |   |
| Online CBCP, Tool for Calculating Minimum Center Beam Intensity |   |
| Run Up Time Test  |   |
| Start Time Test   |   |
| IEEE P1789  | IEEE Recommending Practices for Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers   |
| IES LM-10-14  | Photometric Testing of Outdoor Fluorescent Luminaires   |
| IES LM-10-96  | Photometric Testing of Outdoor Fluorescent Luminaires   |
| IES LM-16-05  | IESNA Technical Memorandum on Light Emitting Diode (LED) Sources and Systems  |
| IES LM-16-93  | Practical Guide to Colorimetry of Light Sources   |
| IES LM-20-13  | Photometric Testing of Reflector-Type Lamps   |
| IES LM-31-95  | Photometric Testing of Roadway Luminaires Using Incandescent Filament and High Intensity Discharge (HID) Lamps  |
| IES LM-35-02  | Photometric Testing of Floodlights Using Incandescent Filament or Discharge Lamps   |
| IES LM-40-01  | Approved Method for Life Performance Testing of Fluorescent Lamps   |

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| IES LM-40-10   | Life Testing of Fluorescent Lamps   |
| IES LM-41-14   | Approved Method for Photometric Testing of Indoor Fluorescent Luminaries  |
| IES LM-41-98   | Approved Method for Photometric Testing of Indoor Fluorescent Luminaries  |
| IES LM-45-15   | Electrical and Photometric Measurement of General Service Incandescent Filament Lamps                                       |
| IES LM-46-04   | Photometric Testing of Indoor Luminaires Using High Intensity Discharge or Incandescent Filament Lamps                      |
| IES LM-47-01   | Approved Method for Life Testing of High Intensity Discharge (HID) Lamps  |
| IES LM-49-12   | Life Testing of Incandescent Filament Lamps   |
| IES LM-51-00   | High Intensity Discharge Lamps-Total Flux Measurements  |
| IES LM-54-12   | Guide to Lamp Seasoning   |
| IES LM-58-13   | IES Approved Method for Spectroradiometric Measurement Methods for Light Sources  |
| IES LM-58-13   | Guide to Spectroradiometric Measurements  |
| IES LM-58-94   | Guide to Spectroradiometric Measurements  |
| IES LM-65-01   | Approved Method for Life Testing of Single-Ended Compact Fluorescent Lamps  |
| IES LM-65-10   | Life Testing of Compact Fluorescent Lamps   |
| IES LM-65-14   | Life Testing of Compact Fluorescent Lamps   |
| IES LM-66-00   | Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps   |
| IES LM-66-11   | Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps   |
| IES LM-66-14   | Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps   |
| IES LM-79-08   | Approved Method for Electrical and Photometric Measurements of Solid-State Lighting Products, Sections 9, 10, 11 and 12     |
| IES LM-79-19   | Approved Method for Optical and Electrical Measurements of Solid-state Lighting Products                                    |
| IES LM-82-2012 | Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties and a Function of Temperature |
| IES LM-84-14   | Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires                                   |
| IES LM-9-09    | Electric and Photometric Measurements of Fluorescent Lamps  |

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| IES LM-9-1999  | Approved Method for the Electrical and Photometric Measurements of Fluorescent Lamps  |
| IES TM-16-05   | IESNA Technical Memorandum on Light Emitting Diode (LED) Sources and Systems  |
| IES TM-21-11   | Projecting Long-Term Lumen Maintenance of LED Packages  |
| UL 153   | Portable Luminaires   |
| UL 1993  | Self-Ballasted Lamps and Lamp Adapters  |
| UL 588   | Standard for Seasonal and Holiday Decorative Products   |
| US DOE 10 CFR 429  | Certification, Compliance, and Enforcement for Consumer Products and Commercial and Industrial Equipment (restricted to Compact Fluorescent Lamps and Integrated Light-Emitting Diode Lamp) |
| US DOE 10 CFR 430 Appendix BB to Subpart B   | Energy Conservation Program for Consumer Products (Restricted to Integrated Light-Emitting Diode Lamp)  |
| US DOE 10 CFR 430.23(r)  | General service fluorescent lamps, general service incandescent lamps, and incandescent reflector lamps   |
| US DOE 10 CFR 430.23(x)(2)   | Ceiling Fan Light Kits  |
| <b>ENERGY STAR</b>   |   |
| ENERGY STAR Program Requirements for Downlights Version 1.0  |   |
| ENERGY STAR Program Requirements for Decorative Light Strings Test Procedure and Eligibility Criteria Version 1.5 Appendix A   |   |
| ENERGY STAR Program Requirements Product Specification for Consumer Refrigeration Products Eligibility Criteria Version 5.1 and 10 CFR 430, Subpart B, Appendix A, A1, B, B1 |   |
| ENERGY STAR Program Requirements Product Specification for Commercial Refrigerators and Freezers Eligibility Criteria Version 5.0  |   |
| ENERGY STAR Program Requirements Product Specification for Water Coolers Eligibility Criteria Version 3.0  |   |
| ENERGY STAR Program Requirements Product Specification for Dehumidifiers Eligibility Criteria Version 6.0  |   |
| EPA ENERGY STAR Program Requirements Product Specification for Air Source Heat Pump and Central Air-conditioner Equipment Eligibility Criteria, Version 6.1                  |   |
| ENERGY STAR Program Requirements for Automatic Commercial Ice Makers, Version 3.0  |   |
| ENERGY STAR Program Requirements Product Specification for Commercial Ovens, Version 3.0   |   |
| ENERGY STAR Program Requirements Product Specification for Commercial Fryers, Version 3.0  |   |
| ENERGY STAR Program Requirements Product Specification for Commercial Griddles, Version 1.2  |   |
| ENERGY STAR Program Requirements Product Specification for Commercial Steam Cookers, version 1.2   |   |
| ENERGY STAR® Program Requirements Product Specification for Residential Electric Cooking Products, Version 1.0   |   |

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| <b>ENERGY Efficiency</b>                     |  |
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| 10 CFR-Appendix A to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Electric Refrigerators and Electric Refrigerator-Freezers                  |
| 10 CFR-Appendix B to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Freezers   |
| 10 CFR-Appendix E to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Water Heaters  |
| 10 CFR Appendix I to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Microwave Ovens  |
| 10 CFR-Appendix M to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Central Air-conditioners and Heat Pumps                                    |
| 10 CFR Appendix M1 to Subpart B of Part 430  | Uniform Test Method for Measuring the Energy Consumption of Central Air Conditioners and Heat Pumps                                    |
| 10 CFR-Appendix X to Subpart B of Part 430   | Uniform Test Method for Measuring the Energy Consumption of Dehumidifiers  |
| 10 CFR Appendix X1 to Subpart B of Part 430  | Uniform Test Method for Measuring the Energy Consumption of Dehumidifiers  |
| 10 CFR Appendix Y1 to Subpart B of Part 430  | Uniform Test Method for Measuring the Energy Consumption of Battery Chargers   |
| 10 CFR-Appendix CC to Subpart B of Part 430  | Uniform Test Method for Measuring the Energy Consumption of Portable Air Conditioners  |
| 10 CFR-Appendix CC1 to Subpart B of Part 430 | Uniform Test Method for Measuring the Energy Consumption of Portable Air Conditioners  |
| 10 CFR-Appendix A to Subpart C of Part 431   | Uniform Test Method for the Measurement of Energy Consumption of Commercial Refrigerators, Freezers, and Refrigerator-Freezers         |
| 10 CFR-Appendix B to Subpart C of Part 431   | Amended Uniform Test Method for the Measurement of Energy Consumption of Commercial Refrigerators, Freezers, and Refrigerator-Freezers |
| 10 CFR Subpart H of Part 431                 | Automatic Commercial Ice Makers  |
| AHRI 1200                                    | Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets   |
| AHRI 310/380/CSA C744                        | Packaged terminal air-conditioners and heat pumps  |
| ANSI/AHAM PAC-1                              | Portable Air Conditioners  |
| ANSI/AHRI 210/240                            | Performance Rating of Unitary Air-conditioning & Air-Source Heat Pump Equipment  |
| ANSI/ASHRAE 128                              | Method of Rating Portable Air Conditioners   |
| ANSI/ASHRAE 18                               | Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration                                      |

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| ANSI/ASHRAE 37                         | Methods of Testing for Rating Unitary Air-conditioning and Heat Pump Equipment   |
| ANSI/ASHRAE 72                         | Method of Testing Commercial Refrigerators and Freezers  |
| CAN/CSA-C388                           | Energy performance and capacity measurement of household microwave ovens   |
| COVENIN 1299                           | Window Type Air Conditioners – Requirements  |
| COVENIN 178                            | Refrigerators and Freezers – Requirements and Test Methods   |
| COVENIN 3193                           | Refrigerators, Refrigerators – Freezers – Energy Consumption Test Methods and Capacity Measurements  |
| COVENIN 3235                           | Refrigerators, Refrigerators – Freezers, and Freezers. Labeling and Energy Consumption report  |
| COVENIN 3537                           | Window Type Air Conditioners – Test Method   |
| COVENIN 3538                           | Air Conditioners – Cooling Capacity Test Methods, Energy Consumption and Energy Efficiency   |
| COVENIN 3560                           | Window Type Air Conditioners – Labeling and Energy Efficiency Report   |
| CSA C358                               | Energy Consumption Test Methods for Household Electric Ranges  |
| CSA C370                               | Cooling Performance of Portable Air-conditioners   |
| CSA C390                               | Test methods, marking requirements, and energy efficiency levels for three-phase induction motors  |
| CSA C656                               | Performance Standard for Split-System And Single-Package Central Air-conditioners and Heat Pumps   |
| CSA C742                               | Energy performance of automatic icemakers and ice storage bins   |
| CSA C744                               | Standard For Packaged Terminal Air-conditioners and Heat Pumps   |
| CSA C747                               | Energy efficiency test methods for small motors  |
| DGNTI-COPANIT-506:2017                 | Energy Efficiency in central, package or split air conditioners. Limits and testing methods  |
| DGNTI-COPANIT-509:2017                 | Energy efficiency in split type air conditioners with variable refrigerant flow, free discharge and without air ducts. Limits and testing methods            |
| DGNTI-COPANIT 511:2017                 | Energy Efficiency. Refrigerators and Freezers Home Appliances. Limits and Test Methods   |
| DOE document 10 CFR Part 431 Subpart B | Energy Efficiency Program for Certain Commercial and Industrial Equipment - Electric Motors  |
| DOE document 10 CFR Part 431 Subpart X | Energy Efficiency Program for Certain Commercial and Industrial Equipment – Small Electric Motors  |
| EN 14511-1                             | Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 1: Terms and definitions |

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| EN 14511-2      | Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 2: Test conditions  |
| EN 14511-3      | Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 3: Test methods   |
| EN 14511-4      | Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 4: Operating requirements, marking and instructions                             |
| EN 14825        | Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling – Testing and rating at part load conditions and calculation of seasonal performance |
| GSO ISO 5151    | Non-ducted air conditioners and heat pumps – Testing and rating for performance   |
| IEC 62552:2007  | Household refrigerating appliances – Characteristics and test methods   |
| IEC 62552-1     | Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements  |
| IEC 62552-2     | Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements  |
| IEC 62552-3     | Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume   |
| INTE E11-1:2021 | Energy efficiency.  |
| INTE E11-2:2021 | Energy efficiency.  |
| INTE E11-3:2021 | Energy efficiency.  |
| INTE E17-1:2017 | Energy efficiency. Electric stoves, cooktops, induction cooktops and electric ovens for domestic use. Part 1: Requirements  |
| INTE E17-2:2017 | Efficiency energy. Electric stoves, cooktops and electric ovens for domestic use. Part 2: Labeling  |
| INTE E17-3:2017 | Energy efficiency. Electric stoves, cooktops and electric ovens for domestic use with use of resistive elements. Part 3: Test methods.  |
| ISO 10289       | Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates – Rating of test specimens and manufactured articles subjected to corrosion tests                                     |
| ISO 10289:1999  | Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates – Rating of test specimens and manufactured articles subjected to corrosion tests                                     |
| ISO 5151        | Non-ducted air conditioners and heat pumps – Testing and rating for performance   |
| ISO 5151:2017   | Non-ducted air conditioners and heat pumps – Testing and rating for performance   |

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| ISO 9227                | Corrosion tests in artificial atmospheres – Salt spray tests  |
| ISO 9227:2017           | Corrosion tests in artificial atmospheres – Salt spray tests  |
| NTE INEN 1173:2013      | Metallic Coatings. Determination of Resistance to Corrosion. Neutral Salt Spray Test  |
| NTE INEN 2206           | Household Refrigerating Appliances with or Without Frost. Refrigerators With or Without Low-Temperatures Compartment. Specifications And Inspection |
| NTE INEN 2206:2011      | Household Refrigerating Appliances with or Without Frost. Refrigerators With or Without Low-Temperatures Compartment. Specifications And Inspection |
| NTE INEN 2206 (4R):2019 | Household Refrigerating Appliances. Requirements and Test Methods   |
| NTE INEN 2297           | Frozen Food Storage Cabinets and Household Food Freezers. Specifications And Inspection   |
| NTE INEN 2297:2002      | Frozen Food Storage Cabinets and Household Food Freezers. Specifications And Inspection   |
| NTE INEN-IEC 62552:2014 | Household refrigerating appliances – Characteristics and test methods   |
| NTE INEN ISO 9227:2018  | Corrosion tests in artificial atmospheres – Salt spray tests  |
| RTE INEN 009            | Household Appliances For Refrigeration  |
| RTE INEN 035            | Energy Efficiency In Household Refrigerating Appliances. Energy Consumption, Test Methods And Labeling Report                                       |
| RTE INEN 072            | Energy Efficiency for Non-ducted Air Conditioners   |
| RTS 23.01.01:15         | Energy efficiency. Central type air conditioners, package or divided. Boundaries, testing and labeling methods.                                     |
| RTS 97.01.01:15         | Energy Efficiency. Household Refrigerators and Freezers Limits, Test Methods and Labelling.   |
| SANS 54511-3            | Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 3: Test methods |
| SANS 62552              | Household Refrigerating Appliances – Characteristics And Test Methods   |
| SANS 941                | Energy Efficiency of Electrical And Electronic Apparatus  |
| SASO 2663:2021          | Energy Labelling and Minimum Energy Performance Requirements for Air-conditioners   |
| SASO 2664               | Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, and Freezers   |
| SASO 2681               | Non Ducted Air-conditioners and Heat Pumps – Test And Rating Performance (except cl. 7.1.2)   |
| SASO 2682               | Ducted Air-conditioners and Air to Air Heat Pumps – Testing and Rating for Performance  |



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| SASO 2892:2018                  | Refrigerators, Refrigerator- Freezers and Freezers -Energy Performance, Testing and Labeling Requirements |
| SASO IEC 62552:2007             | Household refrigerating appliances - Characteristics and test methods                                     |
| SASO ISO 5151:2021              | Non-Ducted Air Conditioners And Heat Pumps — Testing And Rating For Performance                           |
| SASO ISO 13253:2021             | Ducted air-conditioners and air-to-air heat pumps — Testing and rating for performance                    |
| UAE S 5010-1                    | Labeling - Energy Efficiency Label For Electrical Appliances, Part 1: Household Air Conditioners          |
| UAE S 5010-3                    | Labeling - Energy Efficiency Label For Electrical Appliances, Part 3: Household Refrigerating Appliances  |
| UNIT 1138                       | Energy Efficiency for Household Electrical Refrigerators – Specification and Labeling                     |
| UNIT 1170                       | Energy Efficiency – Air Conditioners and Heat Pumps – Specification and Labeling                          |
| <b>Hazardous Location</b>       |   |
| ASME A17.5 2011                 | Elevator and Escalator Electrical Equipment   |
| CSA B376 1980                   | Portable Containers for Gasoline and Other Petroleum Fuels  |
| CSA B44.1, 2011                 | Elevator and Escalator Electrical Equipment   |
| CSA C22.2 No.14, 2013           | Industrial Control Equipment  |
| CSA C22.2 No.235, 2004          | Supplementary Protectors  |
| CSA C22.2 No.60, 1990           | Arc Welding Equipment   |
| CSA E60974-1 2012 Third Edition | Arc Welding Equipment – Part 1: Welding Power   |
| UL 1077 Sixth Edition           | Supplementary Protectors for Use in Electrical Equipment  |
| UL 508 Seventeenth Edition      | Industrial Control Equipment  |
| UL 508A Second Edition          | Industrial Control Panels   |
| UL 551 Eighth Edition           | Transformer-Type Arc-Welding Machines Sources   |
| UL 60974-1 First Edition        | Arc Welding Equipment; Part 1: Welding Power Sources  |

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