



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **LABTEST CERTIFICATION, INC.**

205 – 8291 92<sup>ND</sup> STREET  
DELTA, BRITISH COLUMBIA V4G 0A4, CANADA

### **Testing Laboratory TL-367**

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 June 20, 2024



A handwritten signature in black ink, reading "Raj Nathan".

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## LABTEST CERTIFICATION, INC.

[www.labtestcert.com](http://www.labtestcert.com)

| Location  | Address  | Contact Name     | Contact Phone | Scope pages |
|-----------|--|------------------|---------------|-------------|
| Main      | 205 – 8291 92 <sup>ND</sup> Street<br>Delta, British Columbia<br>V4G 0A4, Canada | Kavinder Dhillon | +604 247-0444 | 1-29        |
| Satellite | 17306 48th Ave<br>Surrey, British Columbia<br>V3S 0L5 Canada                     | Kavinder Dhillon | +604 247-0444 | 29-30       |

*Accredited to ISO/IEC 17025:2017*

*Effective Date June 20, 2024*

| <b>Electrical</b>                            |  |
|--|--|
| ABYC A-27                                    | Alternating current (AC) generator sets  |
| ABYC A-28                                    | Galvanic isolators   |
| ABYC A-31                                    | Battery chargers and inverters   |
| ABYC E-2                                     | Cathodic protection  |
| ABYC E-11                                    | AC and DC electrical systems on boats  |
| ABYC H-2                                     | Electric bilge pump systems  |
| ABYC P-14                                    | Propulsion control systems   |
| ABYC P-17                                    | Steering systems for outboard engines  |
| ABYC P-24                                    | Electronic/electronic propulsion control systems   |
| ABYC P-27                                    | Electronic/electronic steering control systems   |
| ANSI Z21.15/CSA 9.1-2009                     | Manually operated gas valves for appliances, appliance connector valves and hose end valves  |
| ANSI Z21.17-1998 (R2019)/CSA 2.7-M98 (R2019) | Domestic Gas Conversion Burners  |
| ANSI Z21.19-2002/CSA 1.4-2002 (R2012)        | Refrigerators Using Gas Fuel (Same As CSA 1.4)   |
| ANSI Z21.20/C22.2 NO. 199                    | Automatic electrical controls for household and similar use part 2: particular requirements for automatic burner ignition systems and components (bi-national standard, with UL 372) |
| ANSI/ASHRAE Standard 18                      | Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration  |
| ANSI/CAN/UL 2272                             | Electrical systems for personal e-mobility devices   |
| ANSI/CAN/UL 2849                             | Electrical systems for bikes   |

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| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60065               | Audio, video and similar electronic apparatus – safety requirements   |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60335-1             | Safety of household and similar appliances - part 1: general requirements   |
| AS/NZS/AAMI ES/CSA-C22.2/IEC/EN/BS No. 60601-1    | Medical electrical equipment - part 1: general requirements for safety  |
| AS/NZS/AAMI ES/CSA-C22.2/IEC/EN/BS No. 60601-1-11 | Medical electrical equipment - part 1-11: general requirements for basic safety and essential performance - collateral standard: requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (except Cl. 12) |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS E60730-1            | Automatic electrical controls – part 1: general requirements  |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60730-2             | Automatic electrical controls for household and similar use   |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-5           | Automatic electrical controls – part 2-5: particular requirements for automatic electrical burner control systems   |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-6           | Automatic electrical controls – part 2-6: particular requirements for automatic electrical pressure sensing controls including mechanical requirements  |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-7           | Automatic electrical controls – part 2-7: particular requirements for timers and time switches  |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-8           | Automatic electrical controls for household and similar use - part 2-8: particular requirements for electrically operated water valves, including mechanical requirements   |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-9           | Automatic electrical controls – part 2-9: particular requirements for temperature sensing control   |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-11          | Automatic electrical controls for household and similar use - part 2-11: particular requirements for energy regulators  |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-13          | Automatic electrical controls for household and similar use - part 2-13: particular requirements for humidity sensing controls  |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 60730-2-14          | Automatic electrical controls for household and similar use - part 2-14: particular requirements for electric actuators   |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60745-1             | Hand-held motor-operated electric tools - safety – part 1: general requirements.  |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60745-2             | Hand-held motor-operated electric tools - safety  |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 No. 60745-2-1       | Hand-held motor-operated electric tools - safety - part 2-1: particular requirements for drills and impact drills   |
| AS/NZS/IEC/EN/BS/UL/CSA-C22.2 No. 60745-2-2       | Hand-held motor-operated electric tools - safety - part 2-2: Particular requirements for screwdrivers and impact wrenches   |
| AS/NZS/IEC/EN/BS/UL/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  |

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| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-5  | Hand-held motor-operated electric tools - safety - part 2- 5: particular requirements for circular saws   |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-6  | Hand-held motor-operated electric tools - safety - part 2- 6: particular requirements for hammers   |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-8  | Hand-held motor-operated electric tools safety - part 2- 8: particular requirements for shears and nibblers   |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-9  | Hand-held motor-operated electric tools - safety - part 2- 9: particular requirements for tappers   |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-11 | Hand-held motor-operated electric tools - safety - part 2- 11: particular requirements for reciprocating saws                                       |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-14 | Hand-held motor-operated electric tools - safety - part 2- 14: particular requirements for planers  |
| AS/NZS/IEC/EN/BS/UL/C<br>SA-C22.2 No. 60745-2-17 | Hand-held motor-operated electric tools - safety - part 2- 17: particular requirements for routers and trimmers                                     |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 60947-1        | Low-voltage switchgear and control gear - part 1: general rules   |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 60947-4-1      | Low-voltage switchgear and control gear - part 4-1: contactors and motor-starters – electromechanical contactors and motor-starters                 |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 60950-1        | Information technology equipment - safety – part 1: general requirements  |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 60950-22       | Information technology equipment – safety – part 22: equipment to be installed outdoors   |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 60950-23       | Information technology equipment - safety – part 23: large data storage equipment   |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61010-1        | Safety requirements for electrical equipment for measurement, control, and laboratory use general requirements                                      |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61010-2        | Safety requirements for electrical equipment for measurement, control and laboratory use  |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61347-1        | Lamp control gear – part 1: general and safety requirements   |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61347-2-2      | Lamp control gear - part 2-2: particular requirements for D.C. or A.C. supplied electronic step-down convertors for filament lamps                  |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61347-2-3      | Lamp control gear - part 2-7: particular requirements for battery supplied electronic control gear for emergency lighting (self-contained)          |
| AS/NZS/UL/CSA-C22.2/<br>IEC/EN/BS 61347-2-13     | Lamp control gear - part 2-13: particular requirements for D.C. or A.C. supplied electronic control gear for LED modules                            |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 62133-2            | Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for |

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|                                       | Batteries Made from Them, for Use in Portable Applications – Part 2: Lithium Systems   |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 62368-1 | Audio/video, information and communication technology equipment - part 1: safety requirements                                    |
| ASME A17.1/CSA B44                    | Safety Code for Elevators and Escalators (only Clause 8.3.3)   |
| BS EN ISO 08846                       | Small craft - electrical devices - protection against ignition of surrounding flammable gases                                    |
| BS EN ISO 08848                       | Small craft – remote steering systems  |
| BS EN ISO 08849                       | Small craft – electrically operated direct-current bilge- pumps  |
| BS EN ISO 09775                       | Small craft- remote steering systems for single outboard motors of 15 kW to 40 kW power  |
| CAN/CSA C814                          | Energy performance of ceiling fans   |
| CAN/CSA E742                          | Isolating transformers and safety isolating transformers - requirements  |
| CAN/CSA E61347-1                      | Lamp control gear – part 1: general and safety requirements  |
| CAN/CSA E61347-2-3                    | Lamp control gear - part 2-3: particular requirements for A.C. supplied electronic ballasts for fluorescent lamps                |
| CAN/CSA E61347-2-13                   | Lamp control gear - part 2-13: particular requirements for D.C. or A.C. supplied electronic control gear for LED modules         |
| CAN/CSA Z240 RV Series                | Recreational vehicles  |
| CCS - China Classification Society    | Part 3, Chapter 1, Section 2, Part 4, Chapter 1, Section 3, §1.3.5, Part 7, Chapter 2, Section 1, Part 10, Chapter 1, Appendix 2 |
| CSA 16500                             | Information technology - generic digital audio-visual systems  |
| CSA B483.1                            | Drinking Water Treatment Systems   |
| CSA C22.2 NO. 0                       | General requirements - Canadian electrical code, part II   |
| CSA C22.2 NO. 0.1                     | General requirements for double-insulated equipment  |
| CSA C22.2 NO. 0.4                     | Bonding of electrical equipment  |
| CSA C22.2 NO. 6                       | Electric clocks  |
| CSA C22.2 NO. 10                      | Electric floor surfacing and cleaning machines   |
| CSA C22.2 NO. 14                      | Industrial control equipment   |
| CSA C22.2 NO. 15                      | Electrically heated warming pads   |
| CSA C22.2 NO. 18                      | Outlet boxes, conduit boxes, fittings and associated hardware  |
| CSA C22.2 NO. 24                      | Temperature-indicating and -regulating equipment   |
| CSA C22.2 NO. 29                      | Panelboards and enclosed panelboards   |
| CSA C22.2 NO. 33                      | Construction and test of electric cranes and hoists  |
| CSA C22.2 NO. 40                      | Cutout, junction and pull boxes  |

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| CSA C22.2 NO. 43    | Lamp holders  |
| CSA C22.2 NO. 53    | Electric washing machines   |
| CSA C22.2 NO. 66.1  | Low voltage transformers - part 1: general requirements                 |
| CSA C22.2 NO. 66.2  | Low voltage transformers - part 2: general purpose transformers         |
| CSA C22.2 NO. 66.3  | Low voltage transformers - part 3: class 2 and class 3 transformers     |
| CSA C22.2 NO. 68    | Motor-operated appliances (household and commercial)                    |
| CSA C22.2 NO. 71.1  | Portable electric tools   |
| CSA C22.2 NO. 71.2  | Electric bench tools  |
| CSA C22.2 NO. 73    | Construction and test of electrically equipped machine tools            |
| CSA C22.2 NO. 81    | Electric irons  |
| CSA C22.2 NO. 85    | Rigid PVC boxes and fittings  |
| CSA C22.2 NO. 94    | Special purpose enclosures  |
| CSA C22.2 NO. 99    | Construction and test of domestic ironing machines                      |
| CSA C22.2 NO. 100   | Motors and generators   |
| CSA C22.2 NO. 101   | Electrically heated bedding appliances for household use                |
| CSA C22.2 NO. 103   | Electric fence controllers  |
| CSA C22.2 NO. 105   | Construction and test of electrical equipment for woodworking machinery |
| CSA C22.2 NO. 107.1 | Power conversion equipment  |
| CSA C22.2 NO. 107.2 | Battery chargers  |
| CSA C22.2 NO. 107.3 | Uninterruptible power systems   |
| CSA C22.2 NO. 108   | Liquid pumps  |
| CSA C22.2 NO. 110   | Construction and test of electric storage-tank water heaters            |
| CSA C22.2 NO. 112   | Electric clothes dryers   |
| CSA C22.2 NO. 113   | Fans and ventilators  |
| CSA C22.2 NO. 114   | Diagnostic imaging and radiation therapy equipment                      |
| CSA C22.2 NO. 115   | Meter-mounting devices  |
| CSA C22.2 NO. 120   | Refrigeration equipment   |
| CSA C22.2 NO. 122   | Hand-held electrically heated tools                                     |
| CSA C22.2 NO. 125   | Electro-medical equipment   |
| CSA C22.2 NO. 139   | Electrically operated valves  |
| CSA C22.2 NO. 141   | Emergency lighting equipment  |
| CSA C22.2 NO. 147   | Motor-operated gardening appliances                                     |
| CSA C22.2 NO. 148   | Electrical requirements for recreational vehicles                       |
| CSA C22.2 NO. 149   | Electrically operated toys  |

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| CSA C22.2 NO. 150   | Microwave ovens  |
| CSA C22.2 NO. 156   | Solid-state speed controls   |
| CSA C22.2 NO. 157   | Intrinsically safe and non-incendive equipment for use in hazardous locations  |
| CSA C22.2 NO. 158   | Terminal blocks  |
| CSA C22.2 NO. 164   | Electric sauna heating equipment   |
| CSA C22.2 NO. 166   | Stage and studio luminaires  |
| CSA C22.2 NO. 167   | Household dishwashers  |
| CSA C22.2 NO. 168   | Commercial dishwashers   |
| CSA C22.2 NO. 169   | Electric clothes washing machines and extractors   |
| CSA C22.2 NO. 173   | Transformers for toy and hobby use   |
| CSA C22.2 NO. 177   | Clock-operated switches  |
| CSA C22.2 NO. 183.1 | Alternating-current (AC) electrical installations on boats   |
| CSA C22.2 NO. 183.2 | DC electrical installations on boats   |
| CSA C22.2 NO. 184   | Solid-state lighting controls  |
| CSA C22.2 NO. 187   | Electrostatic air cleaners   |
| CSA C22.2 NO. 195   | Motor operated food processing appliances (household and commercial)   |
| CSA C22.2 NO. 205   | Signal equipment   |
| CSA C22.2 NO. 207   | Portable and stationary electric signs and displays  |
| CSA C22.2 NO. 213   | Non-incendive electrical equipment for use in class I and II, division 2 and class III, divisions 1 and 2 hazardous (classified) locations                       |
| CSA C22.2 NO. 223   | Power supplies with extra-low-voltage class 2 outputs  |
| CSA C22.2 NO. 225   | Telecommunication equipment  |
| CSA C22.2 NO. 231   | Audit checklist and test pack for use with C22.2 NO. 231- M89-CAN/CSA series; CSA safety requirements for electrical and electronic measuring and test equipment |
| CSA C22.2 NO. 234   | Safety of component power supplies   |
| CSA C22.2 NO. 243   | Vacuum cleaners, blower cleaners, and household floor finishing machines   |
| CSA C22.2 NO. 247   | Operators and systems of doors, gates, draperies and louvres   |
| CSA C22.2 NO. 280   | Electric vehicle supply equipment  |
| CSA C22.2 NO. 286   | Industrial control panels and assemblies   |
| CSA E61558-1        | Safety of power transformers, power supplies, reactors and similar products - part 1: general requirements and tests   |
| CSA E61558-2-6      | Safety of power transformers, power supply units and similar - part 2: particular requirements for safety isolating transformers for general use                 |
| CSA F378            | Solar collectors   |

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| CSA/ANSI Z21.58:22/<br>CSA 1.6:22 | Outdoor cooking gas appliances  |
| DNVGL-CG-0339                     | Environmental test specification for electrical, electronic and programmable equipment and systems  |
| EN/ISO/BS 8849                    | Small craft -- electrically operated direct-current bilge pumps   |
| EN/ISO/BS 9097:1994/A1            | Small craft - electric fans   |
| EN/ISO/BS 10133                   | Small craft -- electrical systems -- extra-low-voltage D.C. installations   |
| EN/ISO/BS 13297                   | Small craft -- electrical systems -- alternating current installations  |
| EN/BS 50295                       | Low-voltage switch gear and control gear - controller and device interface systems - actuator sensor interface (AS- I)  |
| EN/BS 50428                       | Switches for household and similar fixed electrical installations – collateral standard – switches and related accessories for use in home and building electronic systems (HBES) |
| EN/BS 50470-1                     | Electricity metering equipment (A.C.) - part 1: general requirements, tests and test conditions - metering equipment (class indexes A, B and C)                                   |
| EN/BS 60092-507                   | Electrical installations in ships - part 507: small vessels   |
| EN/BS 60439-1                     | Low-voltage switch gear and control gear assemblies - type- tested and partially type-tested assemblies   |
| EN/BS 60669-2-1                   | Switches for household and similar fixed electrical installations part 2-1: particular requirements – electronic switches   |
| EN/BS 60669-2-2                   | Switches for household and similar fixed electrical installations - part 2-2: particular requirements - electromagnetic remote-control switches (RCS)                             |
| EN/BS 60669-2-3                   | Switches for household and similar fixed electrical installations - part 2-3: particular requirements - time- delay switches (TDS)  |
| GB 2313                           | Ballasts for tubular fluorescent lamps general and safety requirements  |
| GB 4943-1                         | Information technology equipment-Safety-Part 1 : General requirements   |
| GB 8898                           | Audio, video and similar electronic apparatus–safety requirements   |
| GB 14045                          | Ballasts for discharge lamps (excluding tubular fluorescent lamps) general and safety requirements  |
| GB 15143                          | A.C supplied electronic ballasts for tubular fluorescent lamps – general and safety requirements  |
| GB/T 17618                        | Information technology equipment - immunity characteristics - limits and methods of measurement   |
| IEC/EN/BS 60092-101               | Electrical installations in ships - part 101: definitions and general requirements  |
| IEC/EN/BS 60335-1                 | Safety of household and similar appliances - part 1: general requirements   |
| IEC/EN/BS 60945                   | Maritime navigation and radio communication equipment and systems - general requirements - methods of testing and required test results   |



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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-1     | Household and similar electrical appliances. Safety. General requirements  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-10  | Household and similar electrical appliances. Safety. Particular requirements for floor treatment machines and wet scrubbing machines   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-101 | Household and similar electrical appliances. Safety. Particular requirements for vaporizers  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-102 | Household and similar electrical appliances. Safety. Particular requirements for gas, oil and solid-fuel-burning appliances having electrical connections                        |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-103 | Household and similar electrical appliances. Safety. Particular requirements for drives for gates, doors and windows   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-105 | Household and similar electrical appliances. Safety. Particular requirements for multifunctional shower cabinets   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-106 | Household and similar electrical appliances. Safety. Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-108 | Household and similar electrical appliances. Safety. Particular requirements for electrolysers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-109 | Household and similar electrical appliances. Safety. Particular requirements for UV radiation water treatment appliances   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-11  | Household and similar electrical appliances. Safety. Particular requirements for tumble dryers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-12  | Household and similar electrical appliances. Safety. Particular requirements for warming plates and similar appliances   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-13  | Household and similar electrical appliances. Safety. Particular requirements for deep fat fryers, frying pans and similar appliances   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-14  | Household and similar electrical appliances. Safety. Particular requirements for kitchen machines  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-15  | Household and similar electrical appliances. Safety. Particular requirements for appliances for heating liquids  |

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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-16 | Household and similar electrical appliances. Safety. Particular requirements for food waste disposers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-17 | Household and similar electrical appliances. Safety. Particular requirements for blankets, pads, clothing and similar flexible heating appliances   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-2  | Household and similar electrical appliances. Safety. Particular requirements for vacuum cleaners and water-suction cleaning appliances              |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-21 | Household and similar electrical appliances. Safety. Particular requirements for storage water heaters  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-23 | Household and similar electrical appliances. Safety. Particular requirements for appliances for skin or hair care                                   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-24 | Household and similar electrical appliances. Safety. Particular requirements for refrigerating appliances, ice-cream appliances and ice makers      |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-25 | Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens             |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-26 | Household and similar electrical appliances. Safety. Particular requirements for clocks   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-27 | Household and similar electrical appliances. Safety. Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-28 | Household and similar electrical appliances. Safety. Particular requirements for sewing machines  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-29 | Household and similar electrical appliances. Safety. Particular requirements for battery chargers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-3  | Household and similar electrical appliances. Safety. Particular requirements for electric irons   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-30 | Household and similar electrical appliances. Safety. Particular requirements for room heaters   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-31 | Household and similar electrical appliances. Safety. Particular requirements for range hoods and other cooking fume extractors                      |

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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-32 | Household and similar electrical appliances. Safety. Particular requirements for massage appliances  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-33 | Specification for safety of household and similar electrical appliances. Particular requirements. Coffee mills and coffee grinders                                     |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-34 | Household and similar electrical appliances. Safety. Particular requirements for motor-compressors   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-35 | Household and similar electrical appliances. Safety. Particular requirements for instantaneous water heaters   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-36 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements                      |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-37 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric deep fat fryers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-38 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric griddles and griddle grills                                       |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-4  | Household and similar electrical appliances. Safety. Particular requirements for spin extractors   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-40 | Household and similar electrical appliances. Safety. Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers                             |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-41 | Household and similar electrical appliances. Safety. Particular requirements for pumps   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-42 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-43 | Household and similar electrical appliances. Safety. Particular requirements for clothes dryers and towel rails  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-44 | Household and similar electrical appliances. Safety. Particular requirements for ironers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-45 | Household and similar electrical appliances. Safety. Particular requirements for portable heating tools and similar appliances   |

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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-47 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric boiling pans   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-48 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric grillers and toasters                                |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-49 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric appliances for keeping food and crockery warm        |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-5  | Household and similar electrical appliances. Safety. Particular requirements for dishwashers  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-50 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric bains-marie  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-51 | Household and similar electrical appliances. Safety. Particular requirements for stationary circulation pumps for heating and service water installations |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-52 | Household and similar electrical appliances. Safety. Particular requirements for oral hygiene appliances  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-53 | Household and similar electrical appliances. Safety. Particular requirements for sauna heating appliances and infrared cabins                             |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-54 | Household and similar electrical appliances. Safety. Particular requirements for surface-cleaning appliances for household use employing liquids or steam |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-55 | Household and similar electrical appliances. Safety. Particular requirements for electrical appliances for use with aquariums and garden ponds            |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-56 | Household and similar electrical appliances. Safety. Particular requirements for projectors and similar appliances  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-58 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric dishwashing machines                                 |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-59 | Household and similar electrical appliances. Safety. Particular requirements for insect killers   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-6  | Household and similar electrical appliances. Safety. Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances            |

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| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-60 | Household and similar electrical appliances. Safety. Particular requirements for whirlpool baths and whirlpool spas  |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-61 | Household and similar electrical appliances. Safety. Particular requirements for thermal-storage room heaters  |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-62 | Household and similar electrical appliances. Safety. Particular requirements for commercial electric rinsing sinks   |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-64 | Specification for safety of household and similar electrical appliances. Particular requirements for commercial electric kitchen machines                    |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-65 | Household and similar electrical appliances. Safety. Particular requirements for air-cleaning appliances   |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-66 | Household and similar electrical appliances. Safety. Particular requirements for water-bed heaters   |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-67 | Household and similar electrical appliances. Safety. Particular requirements for floor treatment machines for commercial use                                 |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-68 | Household and similar electrical appliances. Safety. Particular requirements for spray extraction machines, for commercial use                               |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-69 | Household and similar electrical appliances. Safety. Particular requirements for wet and dry vacuum cleaners, including power brush for commercial use       |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-7  | Household and similar electrical appliances. Safety. Particular requirements for washing machines  |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-70 | Household and similar electrical appliances. Safety. Particular requirements for milking machines  |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-71 | Household and similar electrical appliances. Safety. Particular requirements for electrical heating appliances for breeding and rearing animals              |
| IEC/EN/KN/AS/NZS/UL/B<br>S/CSA-C22.2 No. 60335-<br>2-72 | Household and similar electrical appliances. Safety. Particular requirements for floor treatment machines with or without traction drive, for commercial use |
| IEC/EN/KN/AS/NZS/UL/B<br>SCSA-C22.2 No. 60335-<br>2-73  | Household and similar electrical appliances. Safety. Particular requirements for fixed immersion heaters   |

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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-74 | Household and similar electrical appliances. Safety. Particular requirements for portable immersion heaters   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-75 | Household and similar electrical appliances. Safety. Particular requirements for commercial dispensing appliances and vending machines  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-76 | Household and similar electrical appliances. Safety. Particular requirements for electric fence energizers  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-77 | Safety of household and similar appliances. Particular requirements for pedestrian-controlled walk-behind electrically powered lawn mowers  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-80 | Household and similar electrical appliances. Safety. Particular requirements for fans   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-81 | Household and similar electrical appliances. Safety. Particular requirements for foot warmers and heating mats  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-82 | Household and similar electric appliances. Safety. Particular requirements for amusement machines and personal service machines   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-83 | Household and similar electrical appliances. Safety. Particular requirements for heated gullies for roof drainage   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-84 | Household and similar electrical appliances. Safety. Particular requirements for toilets  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-85 | Household and similar electrical appliances. Safety. Particular requirements for fabric steamers  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-86 | Household and similar electrical appliances. Safety. Particular requirements for electric fishing machines  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-87 | Household and similar electrical appliances. Safety. Particular requirements for electrical animal-stunning equipment   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-88 | Specification for safety of household and similar electrical appliances. Particular requirements. Particular requirements for humidifiers intended for use with heating, ventilation, or air-conditioning systems |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-89 | Household and similar electrical appliances. Safety. Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor                     |

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| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-9  | Household and similar electrical appliances. Safety. Particular requirements for grills, toasters and similar portable cooking appliances   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-90 | Household and similar electrical appliances. Safety. Particular requirements for commercial microwave ovens   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-95 | Household and similar electrical appliances. Safety. Particular requirements for drives for vertically moving garage doors for residential use  |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-96 | Household and similar electrical appliances. Safety. Particular requirements for flexible sheet heating elements for room heating   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-97 | Household and similar electrical appliances. Safety. Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment   |
| IEC/EN/KN/AS/NZS/UL/BS/CSA-C22.2 No. 60335-2-98 | Household and similar electrical appliances. Safety. Particular requirements for humidifiers  |
| ISO/IEC 60034-5                                 | Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) – Classification   |
| KN 60601-1-2                                    | Requirements and test methods – medical electrical resistance test methods  |
| KR - Korean Register                            | Chapter 3 section 21 (Electrical Equipment and Cables), section 23 (Automatic and Remote-Control Systems) Table 3.23.1, No. 1 to 21 & section 31 (LED Lighting Fittings and Fluorescent Lighting Fittings of Electronic Ballast Stabilizer Type (2019). |
| LR - Lloyd's Register                           | Lloyds Register Type Approval Systems Test Specification Number 1   |
| NEMA 250  | Enclosures for electrical equipment (1000 volts maximum)  |
| NK – Nippon Kaiji Kyokai                        | ClassNK Guidelines for the Approval and Type Approval of Materials and Equipment for Marine Use (Part 7 Chapter 1) Table 7.1-1  |
| NMX-J-677-ANCE-2013 (except cl. 52.9, 62.3)     | Electric vehicle supply equipment   |
| NOM-019-SE                                      | Information Technology Equipment and its associated equipment, as well as equipment for use in office security requirements   |
| NSF 2   | Food equipment (except 6.1)   |
| NSF 8   | Commercial powered food preparation equipment (except 6.1, Annex A)   |
| PRS - Polish Publication 11/P                   | Environmental Tests On Marine Equipment<br>Clauses: 2.1, 2.2, 2.3, 2.4.1, 2.4.2, 2.5, 2.6, 2.8,2.9, 2.22, 2.23, 2.7, 2.11, 2.14, 2.15, 2.16, 2.17, 2.18, 2.19, 2.2, 2.21, 2.24  |
| RINA  | Part C, Ch 3, Sec 6. Table 1, No. 1 TO No 21  |
| RS - Russian Maritime Register of Shipping      | Rules for the classification and construction of sea-going ships Part XI Electrical equipment ND No. 2-020101-152-E<br>2.1 Operating conditions   |

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| UL 22    | Standard for Amusement and Gaming Machines   |
| UL 48    | Standard for electric signs  |
| UL 67    | Standard for Panelboards   |
| UL 73    | Standard for motor-operated appliances   |
| UL 372   | Automatic electrical controls for household and similar use - part 2: particular requirements for burner ignition systems and components |
| UL 399   | Standard for Drinking-Water Coolers  |
| UL 507   | Standard for electric fans   |
| UL 508   | Standard for industrial control equipment  |
| UL 508A  | Standard for industrial control panels   |
| UL 676   | Standard for underwater luminaires and submersible junction boxes  |
| UL 745-1 | Portable electric tools  |
| UL 751   | Standard for vending machines  |
| UL 763   | Standard for motor-operated commercial food preparing machines   |
| UL 778   | Standard for motor-operated water pumps  |
| UL 823   | Standard for Electric Heaters For Use in Hazardous (Classified) Locations  |
| UL 858   | Standard for household electric ranges   |
| UL 859   | Household Electric Personal Grooming Appliances  |
| UL 867   | Standard for electrostatic air cleaners  |
| UL 891   | Switchboards   |
| UL 924   | Standard for emergency lighting and power equipment  |
| UL 935   | Standard for fluorescent-lamp ballasts   |
| UL 979   | Standard for Water Treatment Appliances  |
| UL 982   | Standard for motor-operated household food preparing machines  |
| UL 987   | Standard for stationary and fixed electric tools   |
| UL 1004  | Standard for safety electric motors  |
| UL 1012  | Standard for power units other than class 2  |
| UL 1026  | Standard for household electric cooking and food serving appliances  |
| UL 1203  | Standard for explosion-proof and dust-ignition-proof electrical equipment for use in hazardous (classified) locations                    |
| UL 1310  | Standard for class 2 power units   |
| UL 1431  | Standard for personal hygiene and health care appliances   |
| UL 1472  | Solid-state dimming controls   |
| UL 1563  | Standard for electric spas, equipment assemblies, and associated equipment   |



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| UL 1564  | Standard for industrial battery chargers  |
| UL 1585  | Standard for safety class 2 and class 3 transformers  |
| UL 1642  | Lithium batteries   |
| UL 1647  | Standard for motor-operated massage and exercise machines   |
| UL 1740  | Standard for Robots and Robotic Equipment   |
| UL 1741  | Standard For Safety Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources                     |
| UL 1778  | Uninterruptible power systems   |
| UL 1993  | Self-ballasted lamps and lamp adapters  |
| UL 2054  | Household and commercial batteries  |
| UL 2157  | Electric clothes washing machines and extractors  |
| UL 2158  | Electric clothes dryers   |
| UL 2594  | Standard for electric vehicle supply equipment (except cl. 52.9, 62.3)  |
| 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   |
| UL 8750  | Standard for light emitting diode (LED) equipment for use in lighting products  |
| UL/CSA-C22.2 No. 60601-1-1   | Medical electrical equipment – part 1-1: general requirements for safety - collateral standard: safety requirements for medical electrical systems        |
| YD/T 965   | Telecommunications terminal equipment limits - safety requirements and test methods   |
| YD/T 993   | The technical requirements and test methods of over-voltages and over-currents resistibility for telecommunication terminal equipment                     |
| <b>Energy Star</b>   |   |
| CAN/CSA-C62301:11 (IEC 62301:2011, MOD)                              | Household electrical appliances – Measurement of Standby power  |
| ENERGY STAR Program Requirements Product Specification for Computers | Eligibility Criteria Version 8.0 and Final Test Method  |
| IEC 60107-1 Third edition  | Methods of measurement on receivers for television broadcast transmissions – Part 1: General considerations – Measurements at radio and video frequencies |
| IEC 62623 Edition 1  | Desktop and notebook computers – Measurement of energy consumption  |
| Product specification for audio/video eligibility criteria           |   |
| Product specification for computers eligibility criteria             |   |
| Product specification for displays eligibility criteria              |   |
| Product specification for imaging equipment eligibility criteria     |   |

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| Product specification for set-top boxes eligibility criteria |  |
| Product specification for televisions eligibility criteria   |  |
| Product specification for water coolers                      |  |
| <b>Environmental</b>   |  |
| AS/NZS/CSA-C22.2/IEC/EN/BS 60529                             | Degrees of protection provided by enclosures (IP code)   |
| CAN/CSA C-381.2  | Test method for determining the energy efficiency of battery-charging systems                                    |
| CSA P4.1   | Testing method for measuring annual fireplace efficiency   |
| EN/ISO/BS 1995/A1  | Aromatic hydrocarbons -- sampling  |
| EN/ISO/BS 11105  | Small craft -- Ventilation of petrol engine and/or petrol tank compartments                                      |
| ICC ES AC156   | Seismic certification by shake-table testing of non-structural components (test methods referenced in section 6) |
| IEC/EN/BS 60068-2-1  | Environmental testing - part 2-1: tests - test a: cold   |
| IEC/EN/BS 60068-2-2  | Environmental testing - part 2-2: tests - test b: dry heat   |
| IEC/EN/BS 60068-2-6  | Environmental testing - part 2-6: tests - test Fc: vibration (sinusoidal)  |
| IEC/EN/BS 60068-2-11   | Basic environmental testing procedures - part 2-11: tests test Ka: salt mist                                     |
| IEC/EN/BS 60068-2-13   | Basic environmental testing procedures - part 2-13: tests test M: low air pressure                               |
| IEC/EN/BS 60068-2-14   | Environmental testing - part 2-14: tests - test N: change of temperature   |
| IEC/EN/BS 60068-2-27   | Environmental testing - part 2-27: tests - test Ea and guidance: shock   |
| IEC/EN/BS 60068-2-30   | Environmental testing - part 2-30: tests - Test Db: damp heat, cyclic (12 h + 12 h cycle)                        |
| IEC/EN/BS 60068-2-64   | Environmental testing - part 2-64: tests - test Fh: vibration, broadband random and guidance                     |
| IEC/EN/BS 60068-2-68   | Environmental testing - part 2-68: tests - test L: dust and sand   |
| IEC/EN/BS 60068-2-80   | Environmental testing - part 2-80: tests - test Fi: vibration - mixed mode                                       |
| IMO Resolution MEPC.107 (49)                                 | Revised guidelines and specifications for pollution prevention equipment for machinery space bilges of ships     |
| IMO Resolution MEPC.125 (53)                                 | Guidelines for ballast water management equivalent compliance (G3)   |
| MIL-STD-167-1A   | Mechanical Vibrations of Shipboard Equipment (Type I and II)   |
| MIL-STD-2164 (EC)  | Environmental Stress Screening Process for Electronic Equipment  |
| MIL-STD-810  | Department of Defence Test Method Standards — Environmental Engineering Considerations and Laboratory Tests      |
| MIL-STD-810: Method 500.4                                    | Low pressure (altitude)  |
| MIL-STD-810: Method 501.4                                    | High temperature   |

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| MIL-STD-810: Method 502.4  | Low temperature   |
| MIL-STD-810: Method 503.4  | Temperature   |
| MIL-STD-810: Method 506.4  | Rain  |
| MIL-STD-810: Method 507.4  | Humidity  |
| MIL-STD-810: Method 510.4  | Sand and dust   |
| MIL-STD-810: Method 512.4  | Immersion   |
| MIL-STD-810: Method 514.5  | Vibration   |
| MIL-STD-810G: Method 500.5 | Low pressure testing (altitude testing)   |
| MIL-STD-810G: Method 505.5 | Solar radiation (sunshine)  |
| MIL-STD-810G: Method 508.6 | Fungus  |
| MIL-STD-810G: Method 510.5 | Sand and dust testing   |
| MIL-STD-810G: Method 516.6 | Shock   |
| RTCA-DO-160E               | Environmental conditions and test procedures for airborne equipment (sections 4, 5, 6, 7.2, 8, 10, 12, 16, 17 and 25) |
| UL 50/CSA C22.2 No. 94.1   | Enclosures for electrical equipment, non-environmental considerations   |
| UL 50E/CSA C22.2 No. 94.2  | Enclosures for Electrical Equipment, Environmental Considerations   |
| <b>Lighting</b>            |   |
| ANSI Z21.42                | Gas-fired illuminating appliances   |
| ANSI/ISEA Z358.1           | Emergency eyewash and shower equipment  |
| AS/NZS 60598.1             | Luminaires - general requirements and tests   |
| AS/NZS 60598.2.3           | Luminaires - particular requirements - luminaires for road and street lighting  |
| AS/NSZ 60598.2.5           | Luminaires - particular requirements - floodlights  |
| CAN/CSA C22.2 NO. 137      | Electric luminaires for use in hazardous locations  |
| CAN/CSA C22.2 NO. 206      | Lighting poles  |

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| CAN/CSA C22.2 NO. 250.0  | Luminaires  |
| CAN/CSA C22.2 NO. 250.7  | Extra low-voltage landscape lighting systems  |
| CAN/CSA C22.2 NO. 250.13 | Light emitting diode (LED) equipment for lighting applications  |
| CAN/CSA C22.2 NO. 256    | Direct plug-in nightlights  |
| CAN/CSA C22.2 NO. 1993   | Self-ballasted lamps and lamp adapters  |
| CAN/CSA C22.2 NO. 62560  | Self-ballasted LED-lamps for general lighting services by voltage > 50V – Safety Specifications                           |
| CSA B140.9.4-10          | Portable pressurized-type, liquid petroleum fueled lamps and lanterns   |
| CSA C22.2 NO. 9          | General requirements for luminaires   |
| CSA C22.2 NO. 12         | Portable luminaires   |
| CSA C22.2 NO. 37         | Decorative lighting products  |
| CSA C22.2 NO. 89         | Swimming-pool luminaires, submersible luminaires, and accessories   |
| CSA C22.2 NO. 224        | Radiant heaters and infrared and ultraviolet lamp assemblies for cosmetic or hygienic purposes in nonmedical applications |
| CSA C22.2 NO. 250.1      | Retrofit kits for luminaire conversion  |
| CSA C22.2 NO. 250.4      | Portable luminaires   |
| CSA C22.2 NO. 250.570    | Track lighting  |
| CSA C22.2 NO. 250.7      | Extra-low voltage landscape lighting systems  |
| GB 7000.1                | Luminaires – part 1: general requirements and tests   |
| GB 7000.10               | Safety requirements for fixed general purpose luminaires  |
| GB 7000.11               | Safety requirements for portable general purpose luminaires   |
| GB 7000.12               | Safety requirements for recessed luminaires   |
| IEC/EN/BS 60598-1        | Luminaires - part 1: general requirements and tests (except cl. 4.20, 4.24)   |
| IEC/EN/BS 60598-2-4      | Luminaires - part 2: particular requirements - section 4: portable general purpose luminaires (except cl. 4.6)            |
| IEC/EN/BS 60598-2-22     | Luminaires – part 2-22: particular requirements - luminaires for emergency lighting                                       |
| NMX-J-578/1-ANCE         | Self-ballasted lamps and lamp adapters  |
| UL 1598                  | Luminaires  |
| UL 1786                  | Direct plug-in nightlights  |
| UL 1993                  | Self-ballasted lamps and lamp adapters  |
| UL/CSA 2388              | Standard for flexible lighting products   |

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| Physical   |  |
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| AAMA/WDMA/CSA 101/I.S.2/A440   | NAFS – North American fenestration standard/specification for windows, doors, and skylights  |
| ABS Part 4, Chapter 9, Section 7   | Vessel systems and machinery - Lloyds type approval systems – test specification number 1  |
| ABS Part 4, Chapter 9, Section 9   | Marine Vessels, Clause 15.7 Acceptance Tests   |
| ABYC A-3   | Recommended practices and standards for galley stoves  |
| ABYC P-18  | Cable over pulley steering systems for outboard engines  |
| ABYC P-21  | Manual hydraulic steering systems  |
| ABYC P-22  | Steering wheels  |
| ANSI C136.31   | Roadway and area lighting equipment— luminaire vibration   |
| ASTM E331  | Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by static air pressure difference  |
| ASTM E547  | Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference   |
| BS EN ISO 12543-4  | Glass in building – laminated glass and laminated safety glass Part - 4: Test methods for durability (Clauses 5, 6, and 7 only)  |
| BV   | eRules for classification of steel ships – part c, chapter 3, section 6.2 type approval  |
| BV   | eRules - Steelships: Pt C, Ch 3, Sec 6, Type approval Clause 2.5 Oil mist detection system   |
| CAN/CSA A440/A440.1  | Window, door, and skylight installation  |
| CAN/CSA A440S1   | Canadian supplement to AAMA/WDMA/CSA 101/I.S.2/A440, NAFS - North American fenestration standard/specification for windows, doors, and skylights   |
| CAN/CSA A440.2/A440.3  | Fenestration energy performance / user guide to CSA A440.2-14, fenestration energy performance   |
| CAN/CSA A440.4   | Window, door, and skylight installation  |
| CSA C22.2 NO. 0.17   | Evaluation of properties of polymeric materials  |
| DNV 2.4  | Environmental test specification for instrumentation and automation equipment  |
| E/ECE/324/Rev.2/Add.99 /Rev.2- E/ECE/TRANS/505/Rev.2 /Add.99/Rev.2 (R100r2e) | Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles - Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train – (Only Annex 8) |
| EN 1288  | Glass in building - Determination of the bending strength of glass – Part 3: Test with specimen supported at two points (four point bending) (Clause 7 only)   |
| EN 12600   | Glass in building - Pendulum test - Impact test method and classification for flat glass (Clause 5.3 only)   |
| EN/ISO/BS 7840   | Small craft -- fire-resistant fuel hoses   |

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| EN/ISO/BS 8847              | Small craft -- steering gear -- cable and pulley systems   |
| EN/ISO/BS 10240             | Small craft -- owner's manual  |
| EN/ISO/BS 10592             | Small craft -- hydraulic steering systems  |
| EN/ISO/BS 11192             | Small craft -- graphical symbols   |
| EN/ISO/BS 12216             | Small craft -- windows, port lights, hatches, deadlights and doors -- strength and water tightness requirements  |
| EN/ISO/BS 13929             | Small craft -- steering gear -- geared link systems  |
| EN/ISO/BS 15083             | Small craft - bilge-pumping systems  |
| GL VI-Part 7 Section 3      | Section – b test requirements, chapter 2   |
| IEC/EN/BS 60695-2-2         | Fire hazard testing - part 11-5: test flames - needle-flame test method - apparatus, confirmatory test arrangement and guidance  |
| ISO 614                     | Ships and marine technology -- toughened safety glass panes for rectangular windows and side scuttles -- punch method of non-destructive strength testing              |
| ISO 9806-1                  | Test methods for solar collectors -- part 1: thermal performance of glazed liquid heating collectors including pressure drop   |
| ISO 9806-2                  | Test methods for solar collectors -- part 2: qualification test procedures   |
| ISO 9806-3                  | Test methods for solar collectors -- part 3: thermal performance of unglazed liquid heating collectors (sensible heat transfer only) including pressure drop           |
| SRCC 100-08                 | Test methods and minimum standards for certifying solar collectors   |
| SRCC-150                    | Test methods and minimum standards for certifying innovative solar collectors  |
| SRCC TM-1<br>ST/SG/AC.10/11 | Solar thermal component test and analysis protocol<br>Recommendations on the Transport of Dangerous goods, Manual of Tests and Criteria – (Only Part III, Clause 38.3) |
| Telcordia GR-63-CORE        | NEBS requirements: physical protection (except clauses 5.2.1, 5.5)   |
| <b>Plumbing</b>             |  |
| ANSI/APSP/ICC-14 2014       | American National Standard for Portable Hot Tub Energy Efficiency  |
| ASME A112 Series            | Plumbing fixtures (includes A112.1, A112.3, A112.4, A112.6, A112.14, A112.18, A112.19, A112.20, A112.21, A112.36, A112.1016, A112.1037)                                |
| CGA 1.3                     | Pressure relief device standards - part 3: stationary storage containers for compressed gases  |
| CSA B45 Series              | Plumbing fixtures (consists of B45.0, B45.1, B45.2, B45.3, B45.4, B45.5, B45.6, B45.7, B45.8 and B45.9)  |
| CSA B125                    | Plumbing fittings  |
| CSA C22.2 NO. 218.1         | Spas, hot tubs, and associated equipment   |
| CSA C22.2 NO. 218.2         | Hydro-massage bathtub appliances   |
| IACS 21005                  | Shipbuilding and marine technology thermally toughened safety-glass panes for windows and side Scuttles  |
| IACS E1 – E21               | Requirements concerning electrical and electronic installations  |

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| UL 1795                                      | Standard for hydro-massage bath tubs  |
| <b>Hazardous Locations</b>                   |   |
| ACRI 2001                                    | Criteria for the evaluation and test of intrinsically safe apparatus and associated apparatus |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079          | Explosive atmospheres   |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-0        | Explosive atmospheres - part 0: equipment – general requirements                              |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-1        | Explosive atmospheres - part 1: equipment protection by flameproof enclosures "d"             |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-2        | Explosive atmospheres - part 2: equipment protection by pressurized enclosure "p"             |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-6        | Explosive atmospheres - part 6: equipment protection by liquid immersion "o"                  |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-7        | Explosive atmospheres - part 7: equipment protection by increased safety "e"                  |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-11       | Explosive atmospheres – part 11: equipment protection by type of protection "l"               |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-15       | Explosive atmospheres – part 15: equipment protection by type of protection "n"               |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-18       | Explosive atmospheres - part 18: equipment protection by encapsulation "m"                    |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-25       | Explosive atmospheres – Part 25: intrinsically safe electrical systems                        |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-26       | Explosive atmospheres – part 26: equipment with equipment protection level (EPL) Ga           |
| AS/NZS/UL/CSA-C22.2 IEC/EN/BS No. 60079-28   | Protection of equipment and transmission systems using optical radiation                      |
| AS/NZS/UL/CSA-C22.2/IEC/EN/BS No. 60079-30-1 | Electrical resistance trace heating - General and testing requirements                        |

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| AS/NZS/UL/CSA-C22.2<br>IEC/EN/BS No. 60079-<br>30-2 | Electrical resistance trace heating – Application guide for design, installation, and maintenance   |
| AS/NZS/UL/CSA-<br>C22.2/IEC/EN/BS 60079-<br>31      | Explosive atmospheres - part 31: equipment dust ignition protection by enclosure "t"  |
| AS/NZS/UL/CSA-<br>C22.2/IEC/EN/BS No.<br>60079-33   | Explosive atmospheres - part 33: Equipment protection by special protection 's'   |
| CAN/CSA C22.2 NO. 25                                | Enclosures for use in class II groups E, F and G hazardous locations  |
| CAN/CSA C22.2 NO. 30                                | Explosion-proof enclosures for use in class I hazardous locations   |
| CAN/CSA C22.2 NO. 157                               | Intrinsically safe and non-incendive equipment for use in hazardous locations   |
| CAN/CSA C22.2 NO. 213                               | Non-incendive electrical equipment for use in class I and II, division 2 and class III, divisions 1 and 2 hazardous (classified) locations (bi-national standard with UL121201)               |
| EN/IEC ISO/BS 80079-36                              | Explosive atmospheres. Non-electrical equipment for explosive atmospheres. Basic method and requirements  |
| EN/IEC ISO/BS 80079-37                              | Explosive atmospheres. Non-electrical equipment for explosive atmospheres. Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k" |
| FM 3610   | Intrinsically safe apparatus and associated apparatus for use in class 1, 2 and 3, division 1, hazardous (classified) locations   |
| FM 3611   | Non-incendive electrical equipment for use in class I, and II, division 2, and class III, divisions 1 and 2, hazardous (classified) locations   |
| FM 3615   | Explosion proof electrical equipment general requirements   |
| FM 3620   | Purged and pressurized electrical equipment for (classified) locations  |
| IEC/EN/BS 13463-3                                   | Non-electrical equipment for use in potentially   |
| ISA 12.12.01  | Non-incendive electrical equipment for use in class I and II, division 2 and class III, divisions 1 and 2 hazardous (classified) locations  |
| UL 913  | Standard for intrinsically safe apparatus and associated for use in class I, II, III, division 1, hazardous (classified) locations  |
| UL 2075   | Gas and vapor detectors and sensors (Exclude Clauses: 28, 33, 45, 48, and Supplement SA)  |
| UL 121201   | Non-incendive electrical equipment for use in class I and II, division 2 and class III, divisions 1 and 2 hazardous (classified) locations  |
| <b>Heating/Cooling</b>                              |   |
| ABYC A-7  | Liquid and solid fueled boat heating systems  |
| ABYC A-26   | LPG and CNG fueled appliances equipment   |
| ABYC A-30   | Cooking appliances with integral LPG cylinders  |
| ANSI Z21.1  | Household cooking gas appliances  |



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| ANSI Z21.8       | Installation of domestic gas conversion burners   |
| ANSI Z21.10.1    | Gas water heaters volume I, storage water heaters with input ratings of 75,000 Btu per hour or less                                   |
| ANSI Z21.10.3    | Gas-fired water heaters volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous |
| ANSI Z21.13      | Gas-fired low pressure steam and hot water boilers  |
| ANSI Z21.50      | Vented Decorative Gas Appliances  |
| ANSI Z21.57      | Recreational vehicle cooking gas appliances   |
| ANSI Z21.58      | Outdoor cooking gas appliances ANSI Z21.63/CSA 11.3 Portable type gas camp heaters ANSI Z21.72/CSA 11.2 Portable type gas camp stoves |
| ANSI Z21.76      | Gas-fired unvented catalytic room heaters for use with liquefied petroleum (LP) gases   |
| ANSI Z21.86      | Vented gas-fired space heating appliances   |
| ANSI Z21.88      | Vented gas fireplace heaters  |
| ANSI Z21.89      | Outdoor cooking specialty gas appliances  |
| ANSI Z21.91      | Vent less firebox enclosures for gas-fired unvented decorative room heaters   |
| ANSI Z21.97      | Outdoor decorative gas appliances   |
| ANSI Z83.7       | Gas-fired construction heaters  |
| ANSI Z83.11      | Gas food service equipment  |
| ANSI Z83.26      | Gas-fired outdoor infrared patio heaters  |
| ANSI/CAN1-1.1    | Household cooking gas appliances  |
| ANSI/CAN1-2.15   | Gas-fired domestic and commercial heating equipment and air conditioning  |
| ANSI/CAN1-2.21   | Gas-fired appliances for outdoor installation   |
| ANSI/CSA HGV 4.1 | Standard for hydrogen dispensing system   |
| ANSI/UL 737      | Standard for Fireplace Stoves   |
| AS 2658          | LP gas—portable and mobile appliances   |
| AS 4551/Ag101    | Domestic gas cooking appliances   |
| AS 4553/AG 103   | Gas space heating appliances  |
| AS 4563          | Commercial catering gas equipment   |
| BTS-2000         | Method to determine efficiency of commercial space heating boilers  |
| CAN/CSA C.300    | Energy performance and capacity of household refrigerators, refrigerator-freezers, freezers, and wine chillers                        |
| CAN/CSA P.3-04   | Testing method for measuring energy consumption and determining efficiencies of gas-fired storage water heaters                       |
| CAN/CSA P.4.1    | Testing method for measuring annual fireplace efficiency  |
| CGA 1.16         | Cooking appliances for recreational vehicles  |

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| CGA 1.18          | Outdoor cooking specialty gas appliances  |
| CGA 2.17          | Gas-fired appliances for use at high altitudes  |
| CSA 1.8           | Gas food service equipment  |
| CSA 2.14          | Gas-fired construction heaters  |
| CSA 2.22          | Vented Decorative Gas Appliances  |
| CSA 2.32          | Vented gas-fired space heating appliances   |
| CSA 2.33          | Vented gas fireplace heaters  |
| CSA 2.37          | Gas-fired outdoor infrared patio heaters  |
| CSA 2.41          | Outdoor decorative gas appliances   |
| CSA 4.1           | Gas water heaters volume I, storage water heaters with input ratings of 75,000 Btu per hour or less                                   |
| CSA 4.3           | Gas-fired water heaters volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous |
| CSA 4.9           | Gas-fired low pressure steam and hot water boilers  |
| CSA B140.0        | Oil-burning equipment: general requirements   |
| CSA B140.1        | Vaporizing-type oil burners   |
| CSA B140.2.1      | Atomizing-type oil burners  |
| CSA B140.2.2      | Pressure atomizing oil burner nozzles   |
| CSA B140.3        | Oil burning stoves and water heaters  |
| CSA B140.4        | Oil-fired warm air furnaces   |
| CSA B140.7        | Oil-burning equipment: steam and hot-water boilers  |
| CSA B140.8        | Portable industrial oil-fired heaters   |
| CSA B140.9.3      | Portable kerosene-fired heaters   |
| CSA B140.12       | Oil-burning equipment: service water heaters for domestic hot water, space heating, and swimming pools                                |
| CSA B212          | Energy utilization efficiencies of oil-fired furnaces and boilers   |
| CSA B366.1        | Solid-fuel-fired central heating appliances   |
| CSA B415.1        | Performance testing of solid-fuel-burning heating appliances  |
| CSA/CGA-3.4       | Industrial and commercial gas-fired conversion burners  |
| CSA C22.2 NO. 61  | Household cooking ranges  |
| CSA C22.2 NO. 63  | Household refrigerators and freezers  |
| CSA C22.2 NO. 64  | Household cooking and liquid-heating appliances   |
| CSA C22.2 NO. 72  | Heater elements   |
| CSA C22.2 NO. 88  | Industrial heating equipment  |
| CSA C22.2 NO. 104 | Humidifiers   |

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| CSA C22.2 NO. 109 | Commercial cooking appliances  |
| CSA C22.2 NO. 117 | Room air conditioners  |
| CSA C22.2 NO. 165 | Electric boilers   |
| CSA C22.2 NO. 191 | Engine heaters and battery warmers   |
| CSA C22.2 NO. 217 | Radiant space heating panels, panel sets and systems   |
| CSA C22.2 NO. 236 | Heating and cooling equipment  |
| CSA F379          | Packaged solar domestic hot water systems (liquid-to- liquid heat transfer)  |
| EN/BS 30-1-1      | Domestic cooking appliances burning gas – part 1-1: safety - general   |
| EN/BS 30-1-2      | Domestic cooking appliances burning gas – part 1-2: appliances having forced-convection ovens and/or grills                                |
| EN/BS 30-1-3      | Domestic cooking appliances burning gas - part 1-3: safety - appliances having a glass ceramic hotplate                                    |
| EN/BS 30-1-4      | Domestic cooking appliances burning gas - part 1-4: safety - appliances having one or more burners with an automatic burner control system |
| EN/BS 30-2-1      | Domestic cooking appliances burning gas - part 2-1: rational use of energy - general   |
| EN/BS 30-2-2      | Domestic cooking appliances burning gas – part 2-2: rational use of energy – appliances having forced- convection ovens and/or grills      |
| EN/BS 203-1       | Gas heated catering equipment – Part 1: General Safety Rules   |
| EN/BS 203-2-1     | Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners   |
| EN/BS 203-2-2     | Gas heated catering equipment – Part 2-2: Specific requirements – Ovens  |
| EN/BS 203-2-3     | Gas heated catering equipment – Part 2-3: Specific requirements – Boiling Pans   |
| EN/BS 203-2-4     | Gas heated catering equipment – Part 2-4: Specific requirements – Fryers   |
| EN/BS 203-2-6     | Gas heated catering equipment – Part 2-6: Specific requirements – Hot water heaters for beverage   |
| EN/BS 203-2-7     | Gas heated catering equipment – Part 2-7: Specific requirements – Salamanders and rotisseries  |
| EN/BS 203-2-8     | Gas heated catering equipment – Part 2-8: Specific requirements – Brat pans and paëlla cookers   |
| EN/BS 203-2-9     | Gas heated catering equipment – Part 2-9: Specific requirements – Solid tops, warming plates and griddles                                  |
| EN/BS 203-2-10    | Gas heated catering equipment – Part 2-10: Specific requirements – Chargrills  |
| EN/BS 203-2-11    | Gas heated catering equipment – Part 2-11: Specific requirements – Pasta cookers   |
| EN/BS 298         | Automatic burner control systems for burners and appliances burning gaseous or liquid fuels  |

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| EN/BS 484   | Specification for dedicated liquefied petroleum gas appliances – Independent hotplates, including those incorporating a grill for outdoor use |
| EN/BS 498   | Specification for dedicated liquefied petroleum gas appliances – Barbecues for outdoor use contact grills included                            |
| EN/BS 12975-1   | Thermal solar systems and components — solar collectors part 1: general requirements  |
| EN/BS 12975-2   | Thermal solar systems and components – solar collectors – part 2: test methods  |
| EN/BS 13229   | Inset appliances including open fires fired by solid fuels- requirement   |
| EN/BS 13240   | Room heaters fired by solid fuel – requirements and test methods  |
| EN/ISO/BS 10239   | Small craft -- liquefied petroleum gas (LPG) systems appliances   |
| EN/ISO/BS 14895   | Small craft -- liquid-fueled galley stoves and heating  |
| NFPA 52   | Vehicular Gaseous Fuel Systems Code   |
| NFPA 85   | Boiler and Combustion Systems Hazards Code  |
| NFPA 86   | Standard for Ovens and Furnaces   |
| NFPA 160  | Standard for the Use of Flame Effects Before an Audience  |
| NSF 4   | Commercial cooking, re-thermalization and powered hot food holding and transport equipment (except 6.4, 6.6, annex D)                         |
| UL 94   | Standard for Tests for Flammability of Plastic Materials for parts in devices and Appliances  |
| UL 197  | Standard for commercial electric cooking appliances   |
| UL 296  | Standard for oil burners  |
| UL 499  | Standard for electric heating appliances  |
| UL 795  | Standard for commercial-industrial gas heating appliances   |
| UL 875  | Standard for electric dry-bath heaters  |
| UL 998  | Humidifiers   |
| UL 1261   | Standard for electric water heaters for pools and tubs  |
| UL 1995   | Heating and cooling equipment   |
| ULC S627  | Standard for space heaters for use with solid fuels   |
| <b>Conducted Energy Devices</b>   |   |
| BCPPS (British Columbia Provincial Policing Standards) Subject 1.3.5                    | Conducted Energy Weapons (CEW) Testing  |
| CURVE (Carleton University Research Virtual Environment)<br>DOI:<br>10.22215/cewtp/2017 | Test Procedure for Conducted Energy Weapons – Version 2.0<br>Test Procedure for Conducted Energy Weapons – Version 3.0                        |

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| DOI:<br>10.22215/cewtp/2021  |   |
| DRDC CSS TR 2013-025<br>(Defence R&D Canada –<br>Centre for Security<br>Science) | Technical Performance Testing of Conducted Energy Weapons - Recommended Practices to Ensure Consistent and Quality Results  |
| DRDC-RDDC -2014-<br>C116 (Defence R&D<br>Canada)                                 | Electrical Testing of TASER X2 and TASER X26P Conducted Energy Weapons  |
| <b>PPE/PFE</b>   |   |
| 42 CFR Part 84   | Approval of respiratory protective devices, Subpart G and K for non-powered air purifying particulate (N series respirators only)   |
| ASTM F1862   | Standard test method for resistance of medical face masks to penetration by synthetic blood (horizontal projection of fixed volume at a known velocity)                         |
| ASTM F2100   | Standard specification for performance of materials used in medical face masks (Clauses 9.4 and 9.5 only)   |
| ASTM F2299/ F2299M   | Standard test method for determining the Initial efficiency of materials used in medical face masks to penetration by particulates using latex spheres                          |
| ASTM F3502-21  | Standing specification for barrier face coverings (Exclude Clause 8.3)  |
| BS EN 14683  | Medical face masks – requirements and test methods (Clauses 5.1 and 5.2.3 only)   |
| NIOSH TEB-APR-STP-<br>0003   | Determination of exhalation resistance test, air-purifying respirators  |
| NIOSH TEB-APR-STP-<br>0007   | Determination of inhalation resistance test, air-purifying respirators  |
| NIOSH TEB-APR-STP-<br>00057  | Determination of particulate filter efficiency level for N100 series filters against solid particles for non-powered, air-purifying respirators                                 |
| NIOSH TEB-APR-STP-<br>00058  | Determination of particulate filter efficiency level for N99 series filters against solid particles for non-powered, air-purifying respirators                                  |
| NIOSH TEB-APR-STP-<br>00059  | Determination of Particulate Filter Efficiency Level for N95 Series Filters Against Solid Particulates for Non-Powered, Air-Purifying Respirators Standard Test Procedure (STP) |

|                                       |  |
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| <b>Fire Testing &amp; Fire Rating</b> |  |
| ASTM C1071                            | Fibrous Glass Duct Lining Insulation (Thermal and Sound Absorbing Material)            |
| ASTM D635                             | Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position |
| ASTM D2843                            | Density of Smoke from the Burning or Decomposition of Plastics                         |
| ASTM E84                              | Surface Burning Characteristics of Building Materials                                  |
| ASTM E814                             | Fire test of penetration firestop systems  |

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| ASTM E2226       | Standard practice for application of hose stream  |
| ASTM E2768       | Extended Duration Surface Burning Characteristics of Building Materials   |
| IEC/EN 60695-2-2 | Fire hazard testing - part 11-5: test flames - needle-flame test method-apparatus, confirmatory test arrangement and guidance         |
| NFPA 262         | Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces                                 |
| UL 723           | Standard for Test for Surface Burning Characteristics of Building Materials   |
| UL 1479          | Fire test of through penetration firestops  |
| ULC-S102         | Surface Burning Characteristics of Building Materials and Assemblies  |
| ULC S102.2       | Surface Burning Characteristics of Building Materials and Assemblies  |
| ULC S102.3       | Fire Test of Light Diffusers and Lenses   |
| ULC S102.4       | Fire and Smoke Characteristics of Electrical Wiring, Cables and Non-Metallic Raceways   |
| ULC S106         | Standard method for fire test of window and glass block assemblies (restricted to window size to fit in 40" x40" small scale furnace) |
| ULC S126         | Fire Spread Under Roof-Deck Assemblies  |

*AAMA: American Architectural Manufacturers Association*

*AAMI: Association for the Advancement of Medical Instruments*

*ABS: American Bureau of Shipping*

*ABYC: American Boat and Yacht Council*

*ACRI: Air Conditioning, Heating, and Refrigeration Institute*

*AS: Australian Standards*

*ASTM: ASTM International (formerly known as American Society for Testing and Materials)*

*CB: Chinese Standard for Ships*

*CGA: Compressed Gas Association*

*CNS: Chinese National Standards*

*CSA: Canadian Standards Association*

*DNV: Det Norske Veritas*

*FM: Factory Mutual*

*GB: Chinese Mandatory National Standards*

*IACS: International Association of Classification Societies*

*IMO: International Maritime Organization*

*JIS: Japanese Industrial Standards*

*KN: Korean National Standard*

*MIL-STD: United States Military Standard*

*NEMA: National Electrical Manufacturer Association*

*NIOSH – National Institute for Occupational Safety and Health*

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

*NOM: Norma Oficial Mexicana (Official Mexican Standard)*

*NSF: National Sanitation Foundation*

*RTCA: Radio Technical Commission for Aeronautics*

*SRCC: Solar Rating and Certification Corporation*

*UL: Underwriters Laboratories*

*ULC: Underwriters Laboratories of Canada*

*WDMA: Window and Door Manufacturers Association*

*YD: Chinese Standard for Telecommunication*