



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# 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 April 11, 2025



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

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# 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 Delta, British Columbia V4G 0A4, Canada	Kavinder Dhillon	+604 247-0444	2-30
Satellite	17306 48th Ave Surrey, British Columbia V3S 0L5 Canada	Kavinder Dhillon	+604 247-0444	30-31

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<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 2849	Electrical systems for bikes
AS/NZS/UL/CSA-C22.2/	Audio, video and similar electronic apparatus – safety requirements



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IEC/EN/BS 60065	
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 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 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 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 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 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 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 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/ IEC/EN/BS 60947-1	Low-voltage switchgear and control gear - part 1: general rules
AS/NZS/UL/CSA-C22.2/ 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/ IEC/EN/BS 60950-1	Information technology equipment - safety – part 1: general requirements
AS/NZS/UL/CSA-C22.2/ IEC/EN/BS 60950-22	Information technology equipment – safety – part 22: equipment to be installed outdoors
AS/NZS/UL/CSA-C22.2/ IEC/EN/BS 60950-23	Information technology equipment - safety – part 23: large data storage equipment
AS/NZS/UL/CSA-C22.2/ IEC/EN/BS 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use general requirements
AS/NZS/UL/CSA-C22.2/ IEC/EN/BS 61010-2	Safety requirements for electrical equipment for measurement, control and laboratory use
AS/NZS/UL/CSA-C22.2/ IEC/EN/BS 61347-1	Lamp control gear – part 1: general and safety requirements
AS/NZS/UL/CSA-C22.2/ 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/ 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/ 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



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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 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





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CSA C22.2 NO. 33	Construction and test of electric cranes and hoists
CSA C22.2 NO. 40	Cutout, junction and pull boxes
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



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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
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



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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
CSA/ANSI Z21.58:22/ 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





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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
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 electrolyzers
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



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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
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



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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
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



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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
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



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IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-59	Household and similar electrical appliances. Safety. Particular requirements for insect killers
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-6	Household and similar electrical appliances. Safety. Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-60	Household and similar electrical appliances. Safety. Particular requirements for whirlpool baths and whirlpool spas
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-61	Household and similar electrical appliances. Safety. Particular requirements for thermal-storage room heaters
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-62	Household and similar electrical appliances. Safety. Particular requirements for commercial electric rinsing sinks
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 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 S/CSA-C22.2 No. 60335- 2-65	Household and similar electrical appliances. Safety. Particular requirements for air-cleaning appliances
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-66	Household and similar electrical appliances. Safety. Particular requirements for water-bed heaters
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-67	Household and similar electrical appliances. Safety. Particular requirements for floor treatment machines for commercial use
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-68	Household and similar electrical appliances. Safety. Particular requirements for spray extraction machines, for commercial use
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 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 S/CSA-C22.2 No. 60335- 2-7	Household and similar electrical appliances. Safety. Particular requirements for washing machines
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-70	Household and similar electrical appliances. Safety. Particular requirements for milking machines
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-71	Household and similar electrical appliances. Safety. Particular requirements for electrical heating appliances for breeding and rearing animals





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IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 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 SCSA-C22.2 No. 60335- 2-73	Household and similar electrical appliances. Safety. Particular requirements for fixed immersion heaters
IEC/EN/KN/AS/NZS/UL/B S/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/B S/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/B S/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/B S/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/B S/CSA-C22.2 No. 60335- 2-80	Household and similar electrical appliances. Safety. Particular requirements for fans
IEC/EN/KN/AS/NZS/UL/B S/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/B S/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/B S/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/B S/CSA-C22.2 No. 60335- 2-84	Household and similar electrical appliances. Safety. Particular requirements for toilets
IEC/EN/KN/AS/NZS/UL/B S/CSA-C22.2 No. 60335- 2-85	Household and similar electrical appliances. Safety. Particular requirements for fabric steamers
IEC/EN/KN/AS/NZS/UL/B S/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/B S/CSA-C22.2 No. 60335- 2-87	Household and similar electrical appliances. Safety. Particular requirements for electrical animal-stunning equipment



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IEC/EN/KN/AS/NZS/UL/B S/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/B S/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
IEC/EN/KN/AS/NZS/UL/B S/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/B S/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/B S/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/B S/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/B S/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/B S/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)



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PRS - Polish Publication 11/P	Environmental Tests On Marine Equipment 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 2.1 Operating conditions
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



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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
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 1973	Batteries for Use in Stationary and Motive Auxiliary Power Applications
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
ANSI/CAN/UL 2271	Batteries for Use in Light Electric Vehicles (LEV) Applications
UL 2580	Batteries for Use in Electric Vehicles
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 9540	Energy Storage Systems and Equipment
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>	



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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	
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 60068-2-52	Environmental Testing – Salt Spray Mist Test





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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
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



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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
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



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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
<b>Physical</b>	
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



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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
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



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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 ST/SG/AC.10/11	Solar thermal component test and analysis protocol 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
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"





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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 "I"
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
AS/NZS/UL/CSA-C22.2 IEC/EN/BS No. 60079-30-2	Electrical resistance trace heating – Application guide for design, installation, and maintenance
AS/NZS/UL/CSA-C22.2/IEC/EN/BS 60079-31	Explosive atmospheres - part 31: equipment dust ignition protection by enclosure "t"
AS/NZS/UL/CSA-C22.2/IEC/EN/BS No. 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



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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
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



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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
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



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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
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



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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
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 509	Decorative Fuel-Effect Gas Appliances
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





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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) DOI: 10.22215/cewtp/2017 DOI: 10.22215/cewtp/2021	Test Procedure for Conducted Energy Weapons – Version 2.0 Test Procedure for Conducted Energy Weapons – Version 3.0
DRDC CSS TR 2013-025 (Defence R&D Canada – Centre for Security Science)	Technical Performance Testing of Conducted Energy Weapons - Recommended Practices to Ensure Consistent and Quality Results
DRDC-RDDC -2014-C116 (Defence R&D 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)



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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-0003	Determination of exhalation resistance test, air-purifying respirators
NIOSH TEB-APR-STP-0007	Determination of inhalation resistance test, air-purifying respirators
NIOSH TEB-APR-STP-00057	Determination of particulate filter efficiency level for N100 series filters against solid particles for non-powered, air-purifying respirators
NIOSH TEB-APR-STP-00058	Determination of particulate filter efficiency level for N99 series filters against solid particles for non-powered, air-purifying respirators
NIOSH TEB-APR-STP-00059	Determination of Particulate Filter Efficiency Level for N95 Series Filters Against Solid Particulates for Non-Powered, Air-Purifying Respirators Standard Test Procedure (STP)
<b>Transportation</b>	
UN 38.3	Test Methods Relating to Articles of Transport – Lithium Metal and Lithium-Ion Batteries
UN R136	Uniform Provisions Concerning the Approval of Vehicles of Category L with Regard to Specific Requirements for the Electric Power Train

<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
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



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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*

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

*NSF: National Sanitation Foundation*

*RTCA: Radio Technical Commission for Aeronautics*

*SRCC: Solar Rating and Certification Corporation*

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*UL: Underwriters Laboratories*

*ULC: Underwriters Laboratories of Canada*

*WDMA: Window and Door Manufacturers Association*

*YD: Chinese Standard for Telecommunication*

