



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

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

FLOOR 1, BLDG.4, 889 YISHAN ROAD, QILAI INDUSTRIAL CITY  
SHANGHAI, PEOPLE'S REPUBLIC OF CHINA

### **Testing Laboratory TL-521**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories* as well as the *FDA ASCA Pilot specifications* 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 February 1, 2021



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

**President**

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

# SCOPE OF ACCREDITATION

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## CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH

[www.csagroup.org](http://www.csagroup.org)

**Contact Name** John Chuang

**Contact Phone** +886-227987123

*Accredited to ISO/IEC 17025:2017*

*Effective Date February 1, 2021*

*FDA ASCA Pilot Program*

### FDA ASCA Pilot Program Scope

<b>Basic Safety and Essential Performance of Medical Electrical Equipment, Medical Electrical Systems and Laboratory Medical Equipment</b>	
ANSI AAMI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012 (Consolidated Text)	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance (IEC 60601-1:2005, MOD) (except clauses 11.7 and 17)
ANSI/AAMI HA60601-1-11:2015	Medical Electrical Equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical equipment and medical electrical systems used in the home healthcare environment.
IEC 60601-1-2 Edition 4.0 2014-02	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.
IEC 60601-1-2 Edition 4.1 2020-09 CONSOLIDATED VERSION	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.
IEC 60601-1-3 Edition 2.1 2013-04	Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment.
IEC 60601-1-6 Edition 3.1 2013-10	Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability.
IEC 60601-1-6 Edition 3.2 2020-07 CONSOLIDATED VERSION	Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability.
IEC 60601-1-8 Edition 2.1 2012-11	Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.
IEC 60601-1-8 Edition 2.2 2020-07 CONSOLIDATED VERSION	Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.

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IEC 60601-1-11 Edition 2.0 2015-01	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.
IEC 60601-1-11 Edition 2.1 2020-07 CONSOLIDATED VERSION	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.
IEC 60601-1-12 Edition 1.1 2020-07 CONSOLIDATED VERSION	Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment.
IEC 60601-2-1 Edition 3.1 2014-07	Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV.
IEC 60601-2-2 Edition 6.0 2017-03	Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories.
IEC 60601-2-18 Edition 3.0 2009-08	Medical electrical equipment - Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment.
IEC 60601-2-19 Edition 2.1 2016-04	Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators.
IEC 60601-2-25 Edition 2.0 2011-10	Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs.
IEC 60601-2-27 Edition 3.0 2011-03	Medical electrical equipment - Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment.
IEC 60601-2-28 Edition 3.0 2017-06	Medical electrical equipment - Part 2-28: Particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis.
IEC 60601-2-33 Ed. 3.2: 2015	Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis.
IEC 60601-2-34 Edition 3.0 2011-05	Medical electrical equipment - Part 2-34: Particular requirements for the basic safety including essential performance of invasive blood pressure monitoring equipment.
IEC 60601-2-37 Edition 2.1 2015	Medical electrical equipment - Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment.
IEC 60601-2-43 Ed. 2.0 2010-03	Medical electrical equipment - Part 2-43: Particular requirements for the safety and essential performance of X-ray equipment for interventional procedures.
IEC 60601-2-43 Edition 2.1 2017-05 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-43: Particular requirements for the safety and essential performance of X-ray equipment for interventional procedures.
IEC 60601-2-43 Edition 2.2 2019-10 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-43: Particular requirements for the safety and essential performance of X-ray equipment for interventional procedures.
IEC 60601-2-44 Edition 3.2: 2016	Medical electrical equipment - Part 2-44: Particular requirements for the basic safety and essential performance of x-ray equipment for computed tomography.
IEC 60601-2-45 Edition 3.1 2015	Medical electrical equipment - Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices.

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IEC 60601-2-47 Edition 2.0 2012-02	Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems.
IEC 60601-2-52 Edition 1.0 2009-12	Medical electrical equipment - Part 2-52: Particular requirements for basic safety and essential performance of medical beds.
IEC 60601-2-54 Edition 1.1 2015-04 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy.
IEC 60601-2-54 Edition 1.2 2018-06 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy.
IEC 60601-2-63 Edition 1.1 2017-07 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment.
IEC 60601-2-64 Edition 1.0 2014-09	Medical electrical equipment - Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical electrical equipment.
IEC 60601-2-65 Edition 1.1 2017-05 CONSOLIDATED VERSION	Medical electrical equipment - Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral-X-ray equipment.
IEC 60601-2-68 Edition 1.0 2014-09	Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators light ion beam therapy equipment and radionuclide beam therapy equipment.
IEC 61010-1 Edition 3.1 2017-01	Safety requirements for electrical equipment for measurement control and laboratory use - Part 1: General requirements.
IEC 80601-2-30 Edition 1.1 2013-07	Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers.
IEC 80601-2-30 Edition 2.0 2018-03	Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers.
ISO 80601-2-55 Second edition 2018-02	Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors.
ISO 80601-2-56 Second edition 2017-03	Medical electrical equipment - Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement.
IEC 80601-2-60 Edition 2.0 2019-06	Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment.
ISO 80601-2-61 Second edition 2017-12 (Corrected version 2018-02)	Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment.
ISO 80601-2-70 First Edition 2015-01-15	Medical Electrical Equipment - Part 2-70: Particular Requirements for Basic Safety and Essential Performance of Sleep Apnea Breathing Therapy Equipment.
IEC 80601-2-77 Edition 1.0 2019-07	Medical electrical equipment - Part 2-77: Particular requirements for the BASIC SAFETY and essential performance of ROBOTICALLY ASSISTED SURGICAL EQUIPMENT

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## Regular Scope

Electrical	
ANSI/AAMI/ES 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 11.7 and 17)
ANSI/AAMI/ES 60601-1-2	Medical electrical equipment - part 1-2: general requirements for basic safety and essential performance - collateral standard: electromagnetic disturbances - requirements and tests
ANSI/AAMI/ES 60601-1-8	Medical electrical equipment - part 1-8: general requirements for basic safety and essential performance - collateral standard: general requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
ANSI/AAMI/ES 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
ANSI/AAMI/ES 60601-2-19	Medical electrical equipment - part 2-19: particular requirements for the basic safety and essential performance of infant incubators
ANSI/AAMI/ES 60601-2-25	Medical electrical equipment - part 2-25: particular requirements for the basic safety and essential performance of electrocardiographs
ANSI/AAMI/ES 60601-2-27	Medical electrical equipment - part 2-27: particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
ANSI/AAMI/ES 60601-2-30	Medical electrical equipment - part 2-30: particular requirements for the safety, including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment
ANSI/AAMI/ES 60601-2-47	Medical electrical equipment - part 2-47: particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
ANSI/AAMI/ES 62304	Medical device software - software life cycle processes
ANSI/AAMI/ES 62366	Medical devices - application of usability engineering to medical devices
ANSI/AAMI/ES 62366-1	Medical devices — part 1: application of usability engineering to medical devices
ANSI/IEC 60974-1	Arc welding equipment - part 1: welding power sources (except section 6.2.1)
ANSI/IEC 60974-5	Arc welding equipment - part 5: wire feeders
ANSI/IEC 60974-7	Arc Welding Equipment - Part 7: Torches
ANSI/IEC 60974-11	Arc welding equipment - Part 11: Electrode holders
ANSI/IEC 60974-12	Arc welding equipment - Part 12: Coupling devices for welding cables

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ASME A17.5	Elevator and escalator electrical equipment (except section 19.3.8)
CSA 109	Commercial cooking appliances
CSA 167	Household dishwashers
CSA B44.1	Elevator and escalator electrical equipment (except section 19.3.8)
CAN/CSA C22.2 NO. 0.4	Bonding of electrical equipment (except limited short-circuit test)
CAN/CSA C22.2 NO. 9.0	General requirements for luminaires (except sections 13.5, 13.8, 13.10, 13.19, 13.24, 13.25, 13.26, 13.27, 13.28, 13.29, 13.30, 13.31, 13.32, 13.33, 13.37, 13.41, 13.42, 13.44 and 13.45)
CAN/CSA C22.2 NO. 12	Portable luminaires (except sections 6.5, 6.6, 6.9, 6.10, 6.18, 6.19, 6.20, 6.21, 6.22 and 6.23)
CAN/CSA C22.2 NO. 14	Industrial control equipment (except sections 6.10, 6.11, 6.12, 6.14)
CAN/CSA C22.2 NO. 46	Electric air-heaters (except sections except Hydrostatic Test and Dropping Melted Particles Test)
CAN/CSA C22.2 NO. 48	Nonmetallic sheathed cable (except sections 6.13 and 6.15)
CAN/CSA C22.2 NO. 60	Arc welding equipment (except sections 6.14 and 7.6.4)
CAN/CSA C22.2 NO. 61	Household cooking ranges
CAN/CSA C22.2 NO. 64	Household cooking and liquid-heating appliances
CAN/CSA C22.2 NO. 66.1	Low voltage transformers - part 1: general requirements
CAN/CSA C22.2 NO. 66.2	Low voltage transformers - part 2: general purpose transformers
CAN/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) (except Sections 6.13 and 6.15)
CAN/CSA C22.2 NO. 71.2	Electric bench tools (except section 7.15)
CAN/CSA C22.2 NO. 74	Equipment for use with electric discharge lamps
CAN/CSA C22.2 NO. 77	Motors with inherent overheating protection (except section 6.8)
CAN/CSA C22.2 NO. 84	Incandescent lamps
CAN/CSA C22.2 NO. 100	Motors and generators
CAN/CSA C22.2 NO. 107.1	Power conversion equipment
CAN/CSA C22.2 NO. 107.2	Battery chargers
CAN/CSA C22.2 NO. 108	Liquid pumps (except sections 7.7, 7.9, 7.13 8.4.3, and 9.4.4)

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CAN/CSA C22.2 NO. 112	Electric clothes dryers (except clause 16.6 and 16.7)
CAN/CSA C22.2 NO. 113	Fans and ventilators (except sections 6.31 and 8)
CAN/CSA C22.2 NO. 120	Refrigeration equipment
CAN/CSA C22.2 NO. 139	Electrically operated valves (except sections 7.7, 7.8, 7.9, 7.10, 7.12, 7.14, 7.15, 7.16 and 7.21)
CAN/CSA C22.2 No. 141	Emergency lighting equipment
CAN/CSA C22.2 NO. 147	Motor-operated gardening appliances (except section 6.16)
CAN/CSA C22.2 NO. 169	Electric clothes washing machines and extractors
CAN/CSA C22.2 NO. 223	Power supplies with extra-low-voltage class 2 outputs (except sections 6.8 and 10)
CAN/CSA C22.2 NO. 243	Vacuum cleaners, blower cleaners, and household floor finishing machines
CAN/CSA C22.2 NO. 250.0	Luminaires (except sections 16.3, 16.6, 16.7, 16.8, 16.9, 16.12, 16.14, 16.25, 16.26, 16.27, 16.28, 16.29, 16.33, 16.37, 13.39 and 13.40)
CAN/CSA C22.2 No. 250.1-16	Retrofit kits for luminaire conversion
CAN/CSA C22.2 NO. 250.4	Portable luminaires
CAN/CSA C22.2 NO. 250.13	Light emitting diode (LED) equipment for lighting applications
CAN/CSA C22.2 NO. 1993	Self-ballasted lamps and lamp adapters
CAN/CSA-C22.2 NO. 60335-1	Safety of household and similar appliances - part 1: general requirements (except clause 14)
CAN/CSA-C22.2 NO. 60335-2-9	Household and similar electrical appliances - safety - part 2-9: particular requirements for grills, toasters and similar portable cooking appliances
CAN/CSA-C22.2 NO. E60335-2-13	Household and similar electrical appliances - safety - part 2-13: particular requirements for deep fat fryers, frying pans and similar appliances
CAN/CSA-C22.2 NO. E60335-2-14	Household and similar electrical appliances - safety - part 2-14: particular requirements for kitchen machines
CAN/CSA-C22.2 NO. 60335-2-15	Household and similar electrical appliances - safety - part 2-15: particular requirements for appliances for heating liquids
CAN/CSA-C22.2 NO. 60335-2-24	Safety requirements for household and similar electrical appliances - part 2: particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
CAN/CSA-C22.2 NO. 60601-1(2nd Edition)	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 36 and 48)

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CAN/CSA-C22.2 NO. 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 11.7 and 17)
CAN/CSA-C22.2 NO. 60601-1-2	Medical electrical equipment - part 1-2: general requirements for basic safety and essential performance - collateral standard: electromagnetic disturbances - requirements and tests
CAN/CSA-C22.2 NO. 60601-1-3	Medical electrical equipment - part 1-3: general requirements for basic safety and essential performance - collateral standard: radiation protection in diagnostic X-ray equipment
CAN/CSA-C22.2 NO. 60601-1-6	Medical electrical equipment - part 1-6: general requirements for basic safety and essential performance - collateral standard: usability
CAN/CSA-C22.2 NO. 60601-1-8	Medical electrical equipment - part 1-8: general requirements for basic safety and essential performance - collateral standard: general requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
CAN/CSA-C22.2 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
CAN/CSA-C22.2 NO. 60601-1-12	Medical electrical equipment — part 1-12: general requirements for basic safety and essential performance — collateral standard: requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment
CAN/CSA-C22.2 NO. 60601-2-19	Medical electrical equipment - part 2-19: particular requirements for the basic safety and essential performance of infant incubators
CAN/CSA-C22.2 NO. 60601-2-25	Medical electrical equipment - part 2-25: particular requirements for the basic safety and essential performance of electrocardiographs
CAN/CSA-C22.2 NO. 60601-2-26	Medical electrical equipment - part 2-26: particular requirements for the basic safety and essential performance of electroencephalographs
CAN/CSA-C22.2 NO. 60601-2-27	Medical electrical equipment - part 2-27: particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
CAN/CSA-C22.2 NO. 60601-2-28	Medical electrical equipment - part 2-28: particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis
CAN/CSA-C22.2 NO. 60601-2-30	Medical electrical equipment - part 2-30: particular requirements for the safety, including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment
CAN/CSA-C22.2 NO. 60601-2-33	Medical electrical equipment - part 2-33: particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis



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CAN/CSA-C22.2 NO. 60601-2-34	Medical electrical equipment - part 2-34: particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment
CAN/CSA-C22.2 NO. 60601-2-37	Medical electrical equipment – part 2-37: particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment
CAN/CSA-C22.2 NO. 60601-2-43	Medical electrical equipment - part 2-43: particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
CAN/CSA-C22.2 NO. 60601-2-44	Medical electrical equipment - part 2-44: particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography
CAN/CSA-C22.2 NO. 60601-2-47	Medical electrical equipment - part 2-47: particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
CAN/CSA-C22.2 NO. 60601-2-49	Medical electrical equipment - part 2-49: particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
CAN/CSA-C22.2 NO. 60601-2-54	Medical electrical equipment - part 2-54: particular requirements for the basic safety and essential performance of x-ray equipment for radiography and radioscopy
CAN/CSA-C22.2 NO. 60601-2-63	Medical electrical equipment — part 2-63: particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment
CAN/CSA-C22.2 NO. 60601-2-65	Medical electrical equipment – part 2-65: particular requirements for the basic safety and essential performance of dental intra-oral x-ray equipment
CAN/CSA C22.2 NO. 60745	Hand-held motor-operated electric tools – safety (except sections 14.1.2, 31 of Part 1; and part 2-13 for Chain Saws)
CAN/CSA C22.2 NO. 60950-1	Information technology equipment - safety - part 1: general requirements (except sections 4.3.6, 4.3.127.4.2 and 7.4.3)
CAN/CSA-C22.2, No. 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 1: general requirements
CAN/CSA-C22.2 No. 61010-1-12 + Amd1-18	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 1: General Requirements
CAN/CSA-C22.2, No. 61010-2-010	Safety requirements for electrical equipment for measurement, control and laboratory use - part 2-010: particular requirements for laboratory equipment for the heating of materials
CAN/CSA-C22.2, No. 61010-2-030	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits
CAN/CSA-C22.2, No. 61010-2-032	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-032: particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement

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CAN/CSA-C22.2, No. 61010-2-033	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-033: particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage
CAN/CSA-C22.2, No. 61010-2-040	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-040: particular requirements for sterilizers and washer-disinfectors used to treat medical materials
CAN/CSA-C22.2, No. 61010-2-051	Safety requirements for electrical equipment for measurement, control, and laboratory use — part 2-051: particular requirements for laboratory equipment for mixing and stirring
CAN/CSA-C22.2, No. 61010-2-081	Safety requirements for electrical equipment for measurement, control and laboratory use — part 2-081: particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes
CAN/CSA-C22.2, No. 61010-2-091	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-091: particular requirements for cabinet x-ray systems
CAN/CSA-C22.2, No. 61010-2-101	Safety requirements for electrical equipment for measurement, control and laboratory use – part 2-101: particular requirements for in vitro diagnostic (IVD) medical equipment
CAN/CSA-C22.2, No. 61010-2-201	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-201: particular requirements for control equipment (except clauses 4.4.1.101.1 and 4.4.1.101.2)
CAN/CSA C22.2 NO. 62304	Medical device software - software life cycle processes
CAN/CSA C22.2 NO. 62366	Medical devices - application of usability engineering to medical devices
CAN/CSA C22.2 NO. 62366-1	Medical devices — part 1: application of usability engineering to medical devices
CAN/CSA C22.2 NO. 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
CAN/CSA-C22.2 NO. 80601-2-55	Medical electrical equipment - part 2-55: particular requirements for the basic safety and essential performance of respiratory gas monitors
CAN/CSA-C22.2 NO. 80601-2-56	Medical electrical equipment - part 2-56: particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement
CAN/CSA-C22.2 NO. 80601-2-60	Medical electrical equipment - part 2-60: particular requirements for the basic safety and essential performance of dental equipment
CAN/CSA-C22.2 NO. 80601-2-61	Medical electrical equipment - part 2-61: particular requirements for basic safety and essential performance of pulse oximeter equipment

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CAN/CSA-C22.2 NO. 80601-2-77	Medical electrical equipment Part 2-77: Particular requirements for the basic safety and essential performance of medical robots for surgery
CAN/CSA-C22.2 NO. 80601-2-78	Medical electrical equipment Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation
CAN/CSA-C358	Energy consumption test methods for household electric ranges
CAN/CSA-E60974-1	Arc welding equipment - part 1: welding power sources (except section 6.2.1)
CAN/CSA-E60974-5	Arc welding equipment - part 5: wire feeders
CAN/CSA-E60974-7	Arc Welding Equipment - Part 7: Torches
CAN/CSA T.I.L B-64A	Requirements for retrofit assemblies employing fluorescent, self ballasted (sbl) and induction lamp retrofit assemblies and retrofitted luminaires utilizing those assemblies
CAN/CSA T.I.L B-68	Interim certification requirements for ballasts for use with fluorescent lamps
CAN/CSA T.I.L B-79	Requirements for retrofitted luminaires and LED Retrofit Kits for Installation into Previously Installed Luminaires
CAN/CSA T.I.L B-79A	Interim certification requirements for LED retrofit kits and field retrofitted luminaires
CAN/CSA T.I.L B-81	Interim certification requirements for self-ballasted tubular LED (TLED) type A lamps
CSA C22.2 No.195	Motor-operated food processing appliances (household and commercial) (except clauses 7.17, 7.18)
CSA/IEC 60035-2-40	Household and Similar Electrical Appliances — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers (except Annex EE clause EE.5, Annex FF, Annex GG)
CSA/IEC/EN 60335-2-2	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
CSA/IEC/EN 60335-2-5	Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers
CSA/IEC/EN 60335-2-16	Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers
CSA/IEC/EN 60335-2-30	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
CSA/IEC/EN 60335-2-35	Household and similar electrical appliances - Part 2-35: Particular requirements for instantaneous water heaters
CSA/IEC/EN 60335-2-36	Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

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CSA/IEC/EN 60335-2-37	Household and Similar Electrical Appliances - Part 2-37: Particular Requirements for Commercial Electric Deep Fat Fryers
CSA/IEC/EN 60335-2-43	Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails
CSA/IEC/EN 60335-2-45	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
IEC 60335-1	Safety of household and similar appliances - part 1: general requirements (except clause 14)
IEC 60335-2-9	Household and similar electrical appliances - safety - part 2-9: particular requirements for grills, toasters and similar portable cooking appliances
IEC 60335-2-13	Household and similar electrical appliances - safety - part 2-13: particular requirements for deep fat fryers, frying pans and similar appliances
IEC 60335-2-14	Household and similar electrical appliances - safety - part 2-14: particular requirements for kitchen machines
IEC 60335-2-15	Household and similar electrical appliances - safety - part 2-15: particular requirements for appliances for heating liquids
IEC 60335-2-24	Safety requirements for household and similar electrical appliances - part 2: particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
IEC/EN 60601-1(2nd Edition)	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 36 and 48)
IEC/EN 60601-1 (Edition 3.0)	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 11.7 and 17)
IEC/EN 60601-1 (Edition 3.1)	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 11.7 and 17)
IEC/EN 60601-1-2	Medical electrical equipment - part 1-2: general requirements for basic safety and essential performance - collateral standard: electromagnetic disturbances - requirements and tests
IEC/EN 60601-1-3	Medical electrical equipment - part 1-3: general requirements for basic safety and essential performance - collateral standard: radiation protection in diagnostic X-ray equipment
IEC/EN 60601-1-6	Medical electrical equipment - part 1-6: general requirements for basic safety and essential performance - collateral standard: usability
IEC/EN 60601-1-8	Medical electrical equipment - part 1-8: general requirements for basic safety and essential performance - collateral standard: general requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
IEC/EN 60601-1-11	Medical electrical equipment - part 1-11: general requirements for basic safety and essential performance - collateral standard: requirements for medical

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	electrical equipment and medical electrical systems used in the home healthcare environment
IEC/EN 60601-1-12	Medical electrical equipment — part 1-12: general requirements for basic safety and essential performance — collateral standard: requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment
IEC/EN 60601-2-19	Medical electrical equipment - part 2-19: particular requirements for the basic safety and essential performance of infant incubators
IEC/EN 60601-2-25	Medical electrical equipment - part 2-25: particular requirements for the basic safety and essential performance of electrocardiographs
IEC/EN 60601-2-26	Medical electrical equipment - part 2-26: particular requirements for the basic safety and essential performance of electroencephalographs
IEC/EN 60601-2-27	Medical electrical equipment - part 2-27: particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
IEC/EN 60601-2-28	Medical electrical equipment - part 2-28: particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis
IEC/EN 60601-2-30	Medical electrical equipment - part 2-30: particular requirements for the safety, including essential performance, of automatic cycling non-invasive blood pressure monitoring equipment
IEC/EN 60601-2-33	Medical electrical equipment - part 2-33: particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis
IEC/EN 60601-2-34	Medical electrical equipment - part 2-34: particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment
IEC/EN 60601-2-37	Medical electrical equipment – part 2-37: particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment
IEC/EN 60601-2-43	Medical electrical equipment - part 2-43: particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
IEC/EN 60601-2-44	Medical electrical equipment - part 2-44: particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography
IEC/EN 60601-2-47	Medical electrical equipment - part 2-47: particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems
IEC/EN 60601-2-49	Medical electrical equipment - part 2-49: particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
IEC/EN 60601-2-54	Medical electrical equipment - part 2-54: particular requirements for the basic safety and essential performance of x-ray equipment for radiography and radioscopy

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IEC/EN 60601-2-63	Medical electrical equipment — part 2-63: particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment
IEC/EN 60601-2-65	Medical electrical equipment – part 2-65: particular requirements for the basic safety and essential performance of dental intra-oral x-ray equipment
IEC/EN 60950-1	Information technology equipment - safety - part 1: general requirements (except sections 4.3.6, 4.3.127.4.2 and 7.4.3)
IEC/EN 60974-1	Arc welding equipment - part 1: welding power sources (except section 6.2.1)
IEC/EN 60974-5	Arc welding equipment - part 5: wire feeders
IEC/EN 60974-6	Arc welding equipment - part 6: limited duty equipment
IEC/EN 60974-7	Arc Welding Equipment - Part 7: Torches
IEC/EN 60974-11	Arc welding equipment - Part 11: Electrode holders
IEC/EN 60974-12	Arc welding equipment - Part 12: Coupling devices for welding cables
IEC/EN 60974-13	Arc welding equipment - Part 13: Welding clamp
IEC/EN 61010-1 (2nd and 3rd Editions)	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 1: general requirements
IEC/EN 61010-1 Ed.3.1	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 1: General Requirements
IEC/EN 61010-2-010	Safety requirements for electrical equipment for measurement, control and laboratory use - part 2-010: particular requirements for laboratory equipment for the heating of materials
IEC/EN 61010-2-030	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits
IEC/EN 61010-2-032	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-032: particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement
IEC/EN 61010-2-033	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-033: particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage
IEC/EN 61010-2-040	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-040: particular requirements for sterilizers and washer-disinfectors used to treat medical materials
IEC/EN 61010-2-051	Safety requirements for electrical equipment for measurement, control, and laboratory use — part 2-051: particular requirements for laboratory equipment for mixing and stirring

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IEC/EN 61010-2-081	Safety requirements for electrical equipment for measurement, control and laboratory use — part 2-081: particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes
IEC/EN 61010-2-091	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-091: particular requirements for cabinet x-ray systems
IEC/EN 61010-2-101	Safety requirements for electrical equipment for measurement, control and laboratory use – part 2-101: particular requirements for in vitro diagnostic (IVD) medical equipment
IEC/EN 61010-2-201	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-201: particular requirements for control equipment (except clauses 4.4.1.101.1 and 4.4.1.101.2)
IEC/EN 61326-1	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 1: general requirements
IEC/EN 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC requirements - part 2-6: particular requirements - in vitro diagnostic (IVD) medical equipment
IEC/EN 62304	Medical device software - software life cycle processes
IEC/EN 62366	Medical devices - application of usability engineering to medical devices
IEC/EN 62366-1	Medical devices — part 1: application of usability engineering to medical devices
IEC/EN 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC/EN 80601-2-60	Medical electrical equipment - part 2-60: particular requirements for the basic safety and essential performance of dental equipment
IEC/ISO 80601-2-77	Medical electrical equipment Part 2-77: Particular requirements for the basic safety and essential performance of medical robots for surgery
IEC/ISO 80601-2-78	Medical electrical equipment Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation
IEC/ISO/AAMI 80601-2-49	Medical electrical equipment Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment
ISO/EN 80601-2-55	Medical electrical equipment - part 2-55: particular requirements for the basic safety and essential performance of respiratory gas monitors
ISO/EN 80601-2-56	Medical electrical equipment - part 2-56: particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement
ISO/EN 80601-2-61	Medical electrical equipment - part 2-61: particular requirements for basic safety and essential performance of pulse oximeter equipment

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UL 73	Standard for motor-operated appliances
UL 82	Standard for electric gardening appliances
UL 101	Leakage current for appliances
UL 153	Standard for portable electric luminaires (except sections 150, 152, 154, 155, 160 and 161)
UL 399	Standard for drinking-water coolers
UL 429	Standard for electrically operated valves (except sections 29, 30, 31, 32, 33, 34, 35, 42, 43, 44, 45, 46, 47, 54, 55, SA7, SA8, SA9, SA10, SA11 and SA12)
UL 430	Waste disposers
UL 458	Standard for power converters/inverters and power converter/inverter systems for land vehicles and marine crafts
UL 471	Commercial Refrigerators and Freezers
UL 499	Standard for electric heating appliances
UL 506	Standard for specialty transformers
UL 507	Standard for electric fans
UL 508	Standard for industrial control equipment (except sections 50, 51, 52, 52A, 53, 54, 73D, 73H, 82, 82A, 85, 101, 149, 150, 162 and 199)
UL 551	Standard for transformer-type arc-welding machines
UL 749	Household dishwasher
UL 778	Standard for motor-operated water pumps (except sections 43, 44, 45, 48 and 49)
UL 858	Standard for household electric ranges (except Transient Surge Test for Solid-State Controls and Electromagnetic Susceptibility Tests for Solid-State Controls test)
UL 924	Emergency Lighting and Power Equipment
UL 935	Standard for fluorescent-lamp ballasts (except sections 34, 35 and 36)
UL 982	Standard for Motor-Operated Household Food Preparing Machines
UL 987	Standard for stationary and fixed electric tools (except section 0.7)
UL 1004-1	Standard for rotating electrical machines - general requirements (except section 38)
UL 1004-2	Standard for impedance protected motors
UL 1004-3	Standard for thermally protected motors



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UL 1012	Standard for power units other than class 2
UL 1017	Vacuum cleaners, blower cleaners, and household floor finishing machines
UL 1026	Standard for household electric cooking and food serving appliances
UL 1029	Standard for high-intensity-discharge lamp ballasts (except sections 25, 27 and 30)
UL 1082	Standard for household electric coffee makers and brewing-type appliances
UL 1083	Household Electric Skillets and Frying-Type Appliances
UL 1236	Standard for battery chargers for charging engine-starter batteries
UL 1278	Standard for movable and wall- or ceiling-hung electric room heaters (except sections 49, 57 and 59)
UL 1310	Standard for class 2 power units (except section 6.5)
UL 1450	Standard for motor-operated air compressors, vacuum pumps, and painting equipment
UL 1564	Standard for industrial battery chargers
UL 1598	Luminaires (except sections 16.3, 16.6, 16.7, 16.8, 16.9, 16.12, 16.14, 16.25, 16.26, 16.27, 16.28, 16.29, 16.33, 16.37, 13.39 and 13.40)
UL 1598B	Standard for supplemental requirements for luminaire reflector kits for installation on previously installed fluorescent luminaires
UL 1598C	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
UL 1647	Standard for motor-operated massage and exercise machines
UL 1741	Standard for inverters, converters, controllers and interconnection system equipment for use with distributed energy resources
UL 1963	Refrigerant Recovery/Recycling Equipment
UL 1993	Self-ballasted lamps and lamp adapters
UL 2021	Standard for fixed and location-dedicated electric room heaters
UL 2157	Electric clothes washing machines and extractors
UL 2158	Electric clothes dryers (except clause 16.6 and 16.7)
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

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UL 60335-1	Safety of household and similar appliances - part 1: general requirements (except clause 14)
UL 60335-2-24	Safety requirements for household and similar electrical appliances - part 2: particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
UL 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance (except clauses 36 and 48)
UL 60745	Hand-held motor-operated electric tools - safety (except sections 14.1.2, 31 of Part 1; and part 2-13 for Chain Saws)
UL 60950-1	Information technology equipment - safety - part 1: general requirements (except sections 4.3.6, 4.3.127.4.2 and 7.4.3)
UL 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 1: general requirements
UL 61010-1+Amd1	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 1: General Requirements
UL 61010-2-010	Safety requirements for electrical equipment for measurement, control and laboratory use - part 2-010: particular requirements for laboratory equipment for the heating of materials
UL 61010-2-030	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits
UL 61010-2-032	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-032: particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement
UL 61010-2-033	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-033: particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage
UL 61010-2-040	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-040: particular requirements for sterilizers and washer-disinfectors used to treat medical materials
UL 61010-2-051	Safety requirements for electrical equipment for measurement, control, and laboratory use — part 2-051: particular requirements for laboratory equipment for mixing and stirring
UL 61010-2-081	Safety requirements for electrical equipment for measurement, control and laboratory use — part 2-081: particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes
UL 61010-2-091	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-091: particular requirements for cabinet x-ray systems

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UL 61010-2-101	Safety requirements for electrical equipment for measurement, control and laboratory use – part 2-101: particular requirements for in vitro diagnostic (IVD) medical equipment
UL 61010-2-201	Safety requirements for electrical equipment for measurement, control, and laboratory use - part 2-201: particular requirements for control equipment (except clauses 4.4.1.101.1 and 4.4.1.101.2)
UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<b>Healthcare</b>	
CAN/CSA-C22.2	Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV
CAN/CSA-C22.2	Medical Electrical Equipment - Part 2-2: Particular Requirements for the Safety of High Frequency Surgical Equipment
CAN/CSA-C22.2	Medical electrical equipment - Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment
CAN/CSA-C22.2	Medical electrical equipment – Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices
CAN/CSA-C22.2	Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds
CAN/CSA-C22.2	Medical electrical equipment - Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical electrical equipment
CAN/CSA-C22.2	Medical electrical equipment - Part 2-68: Particular requirements for basic safety and essential performance of X-ray based image guided radiotherapy equipment for use with
CAN CSA-C22.2 No./UL/ EN/IEC 61010-2-011	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment
CAN CSA-C22.2 No./UL/ EN/IEC 61010-2-012	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment
CAN CSA-C22.2 No./UL/ EN/IEC 61010-2-061	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization
CSA/EN/IEC 61010-2-202	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-202: Particular requirements for electrically operated valve actuators

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CSA/IEC 61010-2-120	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-120: Particular safety requirements for machinery aspects of equipment
IEC 60601-2-1	Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV
IEC 60601-2-2	Medical Electrical Equipment - Part 2-2: Particular Requirements for the Safety of High Frequency Surgical Equipment
IEC 60601-2-18	Medical electrical equipment - Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment
IEC 60601-2-45	Medical electrical equipment – Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices
IEC 60601-2-52	Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds
IEC 60601-2-64	Medical electrical equipment - Part 2-64: Particular requirements for the basic safety and essential performance of light ion beam medical electrical equipment
IEC 60601-2-68	Medical electrical equipment - Part 2-68: Particular requirements for basic safety and essential performance of X-ray based image guided radiotherapy equipment for use with
ISO 80601-2-70	Medical electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnea breathing therapy equipment
<b>Energy Efficiency</b>	
CAN/CSA-C373-14	Energy performance and water consumption of household dishwashers
CAN/CSA C62301-07	Household electrical appliances - Measurement of standby power
CEA-2037	Determination of Television Average Power Consumption (December 2009). CEA: Procedure for DAM Testing;
CSA C381.1	Test method for calculating the energy efficiency of single-voltage external ac-dc and ac-ac power supplies
CSA 382-11	Energy performance of televisions and displays
ENERGY STAR	Program Requirements Product Specification for Audio/Video, Version 3.0;
ENERGY STAR	Program Requirements Product Specification for Computers Version 6.1.
ENERGY STAR	Program Requirements Product Specification for Displays Version 7.1;
ENERGY STAR	Imaging Equipment Program Requirements Eligibility Criteria Version 2.0;
ENERGY STAR	Program Requirements for Televisions Version 7.0

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IEC 60456	Clothes washing machines for household use-Methods for measuring the performance
IEC 62087, Ed 3.0	Methods of Measurement for the Power Consumption of Audio, Video and Related Equipment;
IEC 62301, Ed 2.0	Household Electrical Appliances – Measurement of Standby Power
IEC 62552-1	Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements
IEC 62552-2	Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements
IEC 62552-3	Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume
ISO 5151	Non-ducted air conditioners and heat pumps - Testing and rating for performance
U.S. DOE CFR Part 430, Subpart B, Appendix C1	Uniform Test Method for Measuring the Energy Consumption of Dishwashers
U.S. DOE CFR Part 430, Subpart B, Appendix H	Uniform Test Method for Measuring the Power Consumption of Television Sets
U.S. DOE CFR Part 430, Subpart B, Appendix Z	Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
<b>Power Tools</b>	
CSA/UL 62841-1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements (except section 6 and annex I)
CSA/UL 62841-2-2	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches
CSA/UL 62841-2-4	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type
CSA/UL 62841-2-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws
CSA/UL 62841-2-8	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers
CSA/UL 62841-2-9	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders

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CSA/UL 62841-2-11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws
CSA/UL 62841-2-14	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-14: Particular requirements for hand-held planers
CSA/UL 62841-3-1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws
CSA/UL 62841-3-4	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders
CSA/UL 62841-3-6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system
CSA/UL 62841-3-9	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws
CSA/UL 62841-3-10	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines
IEC/EN 62841-1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements (except section 6 and annex I)
IEC/EN 62841-2-2	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches
IEC/EN 62841-2-4	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type
IEC/EN 62841-2-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws
IEC/EN 62841-2-8	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers
IEC/EN 62841-2-9	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders

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IEC/EN 62841-2-11	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws
IEC/EN 62841-2-14	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-14: Particular requirements for hand-held planers
IEC/EN 62841-3-1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws
IEC/EN 62841-3-4	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders
IEC/EN 62841-3-6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system
IEC/EN 62841-3-9	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws
IEC/EN 62841-3-10	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines