

# CERTIFICATE OF ACCREDITATION

This is to attest that

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

FLOOR 1, BUILDING.4, QILAI INDUSTRIAL CITY, 889 YISHAN ROAD, SHANGHAI, 200233, CHINA

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

has met the requirements of AC89, IAS Accreditation Criteria for Testing Laboratories as well as the FDA ASCA Program 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 March 7, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

International Accreditation Service, Inc.
3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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

www.csagroup.org

Location	Address	Contact Name	Contact Phone	Scope pages
Main	Floor 1, Building 4, Qilai Industrial City, 889 Yishan Road, Shanghai, 200233	Lotus Yao	+86-2087320648	2 - 34
Satellite	EMC & RADIO LAB 2f-1, Building C12, No.555 Dujuan Road, Kunshan Economic & Technical Development Zone, Kunshan, Jiangsu 215331	Lotus Yao	+86-2087320648	35 - 42

Accredited to ISO/IEC 17025:2017 FDA ASCA Program

Effective Date March 7, 2025

#### **Main Lab**

#### **FDA ASCA Program Scope**

IAS/TL-FDA ASCA /100-1

Basic Safety and Essential Performance of Medical Electrical Equipment, Medical Electrical Systems and Laboratory Medical Equipment		
ANSI AAMI ES60601- 1:2005/(R)2012 & A1:2012 C1:2009/(R)2012 & A2:2010/(R)2012 (Cons. Text) [Incl. AMD2:2021] [19-46]	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance (IEC 60601-1:2005 MOD) [Including Amendment 2 (2021)]	
IEC 60601-1 Edition 3.2 2020-08 CONSOLIDATED VERSION [19-49]	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	
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.	

TL-521 CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH Effective Date March 7, 2025 Page 2 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

[19-36]	
IEC 60601-1-3 Edition 2.2 2021-01 CONSOLIDATED VERSION [12-336]	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 3.2 2020-07 CONSOLIDATED VERSION [5-132]	Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability.
IEC 60601-1-8 Edition 2.2 2020-07 CONSOLIDATED VERSION [5-131]	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 60601-1-10 Edition 1.2 2020-07 CONSOLIDATED VERSION [19-37]	Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers
IEC 60601-1-11 Edition 2.1 2020-07 CONSOLIDATED VERSION [19-38]	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 [19-39]	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.
HA60601-1-11:2015 [Including AMD1:2021] [19-47]	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 60601-1-11:2015 MOD) [Including Amendment1 (2021)]
IEC 60601-2-2 Edition 6.0 2017-03 [6-389] IEC 60601-2-10	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.  Medical electrical equipment - Part 2-10: Particular requirements for the basic
Edition 2.1 2016-04 [17-16]	safety and essential performance of nerve and muscle stimulators
IEC 60601-2-18 Edition 3.0 2009-08 [9-114]	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 [6-461]	Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators.
IEC 60601-2-22 Edition 3.1 2012-10 [12-268]	Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical cosmetic therapeutic and diagnostic laser equipment

TL-521 CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH Effective Date March 7, 2025





### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

F	
IEC 60601-2-25	Medical electrical equipment - Part 2-25: Particular requirements for the basic
Edition 2.0 2011-10	safety and essential performance of electrocardiographs.
[3-105]	
IEC 60601-2-27	Medical electrical equipment - Part 2-27: Particular requirements for the basic
Edition 3.0 2011-03	safety and essential performance of electrocardiographic monitoring equipment.
[3-126]	carety and occomian performance of closs coarding aprile memoring equipment
IEC 60601-2-28	Medical electrical equipment - Part 2-28: Particular requirements for the basic
Edition 3.0 2017-06	safety and essential performance of X-ray tube assemblies for medical diagnosis.
[12-309]	
IEC 60601-2-31	Medical electrical equipment Part 2-31: Particular requirements for the basic
Edition 2.1 2011-09	safety and essential performance of external cardiac pacemakers with internal
[3-102]	power source
IEC 60601-2-33	Medical electrical equipment - Part 2-33: Particular requirements for the basic
Ed. 3.2: 2015	safety and essential performance of magnetic resonance equipment for medical
[12-295]	diagnosis.
IEC 60601-2-33	Medical electrical equipment - Part 2-33: Particular requirements for the basic
Edition 4.0 2022-08	safety and essential performance of magnetic resonance equipment for medical
[12-347]	diagnosis
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Particular requirements for the basic
Edition 3.0 2011-05	
	safety including essential performance of invasive blood pressure monitoring
[3-115]	equipment.
IEC 60601-2-37	Medical electrical equipment - Part 2-37: Particular requirements for the basic
Edition 2.1 2015	safety and essential performance of ultrasonic medical diagnostic and monitoring
[12-293]	equipment.
IEC 60601-2-43	Medical electrical equipment - Part 2-43: Particular requirements for the safety
Edition 2.2 2019-10	and essential performance of X-ray equipment for interventional procedures.
CONSOLIDATED	
VERSION	
[12-329]	
IEC 60601-2-43	Medical electrical equipment - Part 2-43: Particular requirements for the safety
Edition 3.0 2022-12	and essential performance of X-ray equipment for interventional procedures
[12-351]	and essential performance of X ray equipment for interventional procedures
IEC 60601-2-44	Medical electrical equipment - Part 2-44: Particular requirements for the basic
Edition 3.2: 2016	safety and essential performance of x-ray equipment for computed tomography.
[12-302]	
IEC 60601-2-45	Medical electrical equipment - Part 2-45: Particular requirements for the basic
Edition 3.1 2015	safety and essential performance of mammographic X-ray equipment and
[12-294]	mammographic stereotactic devices.
IEC 60601-2-47	Medical electrical equipment - Part 2-47: Particular requirements for the basic
Edition 2.0 2012-02	safety and essential performance of ambulatory electrocardiographic systems.
[3-155]	
IEC 60601-2-52	Medical electrical equipment - Part 2-52: Particular requirements for basic safety
Edition 1.0 2009-12	and essential performance of medical beds.
[6-321]	and occornial performance of medical bods.
IEC 60601-2-64	Modical electrical equipment. Part 2.64: Particular requirements for the basis
	Medical electrical equipment - Part 2-64: Particular requirements for the basic
Edition 1.0 2014-09	safety and essential performance of light ion beam medical electrical equipment.
[12-318]	
IEC 60601-2-68	Medical electrical equipment - Part 2-68: Particular requirements for the basic
Edition 1.0 2014-09	safety and essential performance of X-ray-based image-guided radiotherapy
[12-319]	

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 4 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

	equipment for use with electron accelerators light ion beam therapy equipment and radionuclide beam therapy equipment.
IEC 61010-1 Edition 3.1 2017-01 CONSOLIDATED VERSION [19-34]	Safety requirements for electrical equipment for measurement control and laboratory use - Part 1: General requirements.
IEC 80601-2-30 Edition 2.0 2018-03 [3-123]	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 [1-140]	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 [6-421]	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 [4-262]	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) [1-139]	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 [1-151]	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 [6-438]	Medical electrical equipment - Part 2-77: Particular requirements for the BASIC SAFETY and essential performance of ROBOTICALLY ASSISTED SURGICAL EQUIPMENT

#### Regular Scope

Electrical		
16 CFR 1205	Safety Standard for Walk-Behind Power Lawn Mowers	
16 CFR Part 1263	Safety Standard for Button Cell or Coin Batteries and Consumer Products Containing Such Batteries	
ANSI/AAMI/ES 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance	
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	





TL-521

### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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/CAN/UL 325	Door, Drapery, Gate, Louver, and Window Operators and Systems
ANSI/CAN/UL 8800	Horticultural Lighting Equipment And Systems
ANSI/CAN/UL 8801	Standard for safety – Photovoltaic (PV) Luminaires systems
ANSI/CAN/UL 8802	Standard for safety – Ultraviolet (UV) Germicidal equipment and systems
ANSI/CAN/UL 8803	Standard for safety – Portable UV Germicidal equipment with uncontained UV sources
ANSI/NEMA/IEC 60974-1	Arc welding equipment - part 1: welding power sources (except section 6.2.1)
ANSI/NEMA/IEC 60974-5	Arc welding equipment - part 5: wire feeders
ANSI/NEMA/IEC 60974-6	Arc welding equipment - Part 6: Limited duty equipment
ANSI/NEMA/IEC 60974-7	Arc Welding Equipment - Part 7: Torches
ANSI/NEMA/IEC 60974-11	Arc welding equipment - Part 11: Electrode holders

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 6 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

ANSI/NEMA/IEC 60974-12	Arc welding equipment - Part 12: Coupling devices for welding cables
ANSI OPEI B71.1	Safety Specification for Consumer Turf-Care Equipment – Walk-Behind Mowers and Ride-On Machines with Mowers
ASME A17.5	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)

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 7 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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. 60335-2-8	Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 8 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

CAN/CSA-C22.2 No. 60335-2-28	Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines
CAN/CSA-C22.2 No. 60335-2-55	Household and similar electrical appliances – Safety – Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds
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)
CAN/CSA-C22.2 NO. 60601-1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance
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 basis 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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 9 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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. 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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 10 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 11 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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 109	Commercial cooking appliances
CSA 167	Household dishwashers
CSA E61347-1	Lamp controlgear - Part 1: General and safety requirements
CSA E60598-1	Luminaires – Part 1: General requirements and tests
CSA E60598-2-1	Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires
CSA E60598-2-3	Luminaires - Part 2-3: Particular requirements – Luminaires for road and street lighting

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 12 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

CSA E60598-2-4	Luminaires – Part 2-4: Particular requirements – Portable general purpose luminaires
CSA E60598-2-5	Luminaires – Part 2-5: Particular requirements – Floodlights
CSA B44.1	Elevator and escalator electrical equipment (except section 19.3.8)
CSA C22.2 No. 0.23	General Requirements for Battery-Powered Appliances
CSA C22.2 No. 72	Heater elements
CSA C22.2 No. 73	Construction and Test of Electrically Equipped Machine Tools - Industrial Products
CSA C22.2 No. 105	Construction and Test of Electrical Equipment for Woodworking Machinery
CSA C22.2 No. 166	Stage and studio luminaires
CSA C22.2 No.195	Motor-operated food processing appliances (household and commercial)
CSA C22.2 No. 247	Operators and systems of doors, gates, draperies, and louvres
CSA C22.2 No. 250.2	Lighting systems
CSA C22.2 No. 250.5	Flashlights and Lanterns
CSA C22.2 No. 250.570	Track lighting
CSA C22.2 No. 250.7	Extra-low-voltage landscape lighting systems
CSA C22.2 No. 60974-1	Arc welding equipment - Part 1: Welding power sources
CSA C22.2 No. 60974-6	Arc welding equipment - Part 6: Limited duty equipment
CSA C22.2 No. 60974-7	Arc welding equipment - Part 7: Torches
CSA/ANSI C22.2 No. 339	Hand-held motor-operated electric tools - Safety - Particular requirements for chain beam saws
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/ANSI/OPEI 60335-2-107	Household and similar electrical appliances - Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 13 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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
CSA/IEC/EN/UL 60335-2- 29	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
CSA/IEC/EN/UL 60335-2- 79	Household and similar electrical appliances – Safety – Part 2-79: Particular requirements for high pressure cleaners and steam cleaners
CSA/IEC/UL 60335-2-89	Household and similar electrical appliances — Safety — Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor
CSA/IEC/EN 60335-2-23	Household and Similar Electrical Appliances - Safety - Part 2-23: Particular Requirements for Appliances for Skin or Hair Care
CSA/IEC/EN 60335-2-78	Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues
CSA/IEC/EN 60335-2-80	Household and similar electrical appliances – Safety –Part 2-80: Particular requirements for fans
CSA/IEC/EN 61347-2-13	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
CSA/IEC/EN 62031	LED modules for general lighting – Safety specifications
GB 4793.1	Safety requirements for electrical equipment for measurement, control, and laboratory use – part 1: general requirements
GB 4943.1	Information technology equipment – safety – part 1: general requirements (except sections 4.3.6, 4.3.127.4.2 and 7.4.3)
GB 9706.1	Medical electrical equipment - part 1: general requirements for basic safety and essential performance

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 14 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

GB 9706.103	Medical electrical equipment – part 1-3: general requirements for basic safety and essential performance – collateral standard: radiation protection in diagnostic X-ray equipment
GB 9706.219	Medical electrical equipment – part 2-19: particular requirements for the basic safety and essential performance of infant incubators
GB 9706.228	Medical electrical equipment – part 2-28: particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis
GB 9706.237	Medical electrical equipment – part 2-37: particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment
GB 9706.243	Medical electrical equipment – part 2-43: particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
GB 9706.244	Medical electrical equipment – part 2-44: particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography
GB 9706.254	Medical electrical equipment – part 2-54: particular requirements for the basic safety and essential performance of x-ray equipment for radiography and radioscopy
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 60601-1-10	Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers
IEC 60601-2-24	Medical electrical equipment – part 2-24: Particular requirements for the basic safety and essential performance of infusion pumps and controllers
IEC 60601-2-43	Medical electrical equipment - Part 2-43: Particular requirements for the safety and essential performance of X-ray equipment for interventional procedures.

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 15 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

Edition 2.1 2017-05 CONSOLIDATED VERSION	
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/EN 60335-2-27	Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation
IEC/EN 60598-1	Luminaires – Part 1: General requirements and tests
IEC/EN 60598-2-1	Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires
IEC/EN 60598-2-3	Luminaires - Part 2-3: Particular requirements – Luminaires for road and street lighting
IEC/EN 60598-2-4	Luminaires – Part 2-4: Particular requirements – Portable general purpose luminaires
IEC/EN 60598-2-5	Luminaires – Part 2-5: Particular requirements – Floodlights
IEC/EN 60598-2-8	Luminaires – Part 2-8: Particular requirements – Handlamps
IEC/EN 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
IEC/EN 60601-1 (Edition 3.1 and Edition 3.2)	Medical electrical equipment - part 1: general requirements for basic safety and essential performance
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 16 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

IEC/EN 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
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 60601-2-10	Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators
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 60601-2-22	Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment
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 basis 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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 17 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 18 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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 61010-2-130	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-130: Particular requirements for equipment intended to be used in educational establishments by children
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/CSA/UL 61010- 031	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement
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 61347-1	Lamp controlgear - Part 1: General and safety requirements
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 19 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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/EN/CAN/CSA C22.2 NO. 60745-1	Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (Except sections 14.1.2, 31)
IEC/EN/CSA C22.2 No. 60745-2-1	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular requirements for drills and impact drills
IEC/EN/CSA C22.2 No. 60745-2-2	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches
IEC/EN/CSA C22.2 No. 60745-2-3	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-3: Particular requirements for Grinders, Polishers and Disk-Type Sanders
IEC/EN/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
IEC/EN/CSA C22.2 No. 60745-2-5	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-5: Particular requirements for circular saws
IEC/EN/CSA C22.2 No. 60745-2-6	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular requirements for hammers
IEC/EN/CSA C22.2 No. 60745-2-8	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-8: Particular requirements for shears and nibblers
IEC/EN/CSA C22.2 No. 60745-2-9	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-9: Particular requirements for tappers
IEC/EN/CSA C22.2 No. 60745-2-11	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)
IEC/EN/CSA C22.2 No. 60745-2-12	Hand-Held Motor-Operated Electric Tools – Safety – Part 2-12: Particular requirements for concrete vibrators (Except section 14)
IEC/EN/CSA C22.2 No. 60745-2-14	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-14: Particular requirements for planers
IEC/EN/CSA C22.2 No. 60745-2-15	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular requirements for hedge trimmers
IEC/EN/CSA C22.2 No. 60745-2-16	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular requirements for tackers
IEC/EN/CSA C22.2 No. 60745-2-17	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular requirements for routers and trimmers
IEC/EN/CSA C22.2 No. 60745-2-18	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-18: Particular requirements for strapping tools

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 20 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

IEC/EN/CSA C22.2 No. 60745-2-19	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular requirements for jointers
IEC/EN/CSA C22.2 No. 60745-2-20	Hand-held motor-Operated electric tools - Safety - Part 2-20: Particular requirements for band saws
IEC/EN/CSA C22.2 No. 60745-2-21	Hand-held motor-Operated electric tools - Safety - Part 2-21: Particular requirements for drain cleaners
IEC/EN/CSA C22.2 No. 60745-2-22	Hand-Held Motor-Operated Electric Tools – Safety – Part 2-22: Particular requirements for cut-off machines
IEC/EN/CSA C22.2 No. 60745-2-23	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools
IEC/EN/UL/CSA C22.2 No. 60745-2-13	Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws
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
NSF/ANSI 456	Vaccine Storage
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 201	Garage Equipment
UL 399	Standard for drinking-water coolers
<u> </u>	

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 21 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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 763	Motor-Operated Commercial Food Preparing Machines
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 859	Household Electric Personal Grooming Appliances (Except sections 33, 67)
UL 924	Emergency Lighting and Power Equipment
UL 935	Standard for fluorescent-lamp ballasts (except sections 34, 35 and 36)
UL 962	Household and Commercial Furnishings
UL 963	Sealing, Wrapping, and Marking Equipment
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
UL 1012	Standard for power units other than class 2

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 22 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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 1030	Sheathed Heating Elements
UL 1082	Standard for household electric coffee makers and brewing-type appliances
UL 1083	Household Electric Skillets and Frying-Type Appliances
UL 1090	Electric Snow Movers
UL 1097	Double Insulation Systems for Use in Electrical Equipment
UL 1230	Amateur Movie Lights
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 1447	Electric Lawn Mowers
UL 1450	Standard for motor-operated air compressors, vacuum pumps, and painting equipment
UL 1557	Electrically Isolated Semiconductor Devices
UL 1564	Standard for industrial battery chargers
UL 1573	Stage and Studio Luminaires and Connector Strips
UL 1574	Track Lighting Systems
UL 1576	Standard for Flashlights and Lanterns
UL 1577	Optical Isolators
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 1727	Commercial Electric Personal Grooming Appliances (Except sections 41, 74)

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 23 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

UL 1741	Standard for inverters, converters, controllers and interconnection system
02 17 11	equipment for use with distributed energy resources
UL 1776	High-Pressure Cleaning Machines (exclude 66A)
UL 1812	Ducted Heat Recovery Ventilators
UL 1815	Nonducted Heat Recovery Ventilators
UL 1838	Low Voltage Landscape Lighting Systems
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 2089	Vehicle Battery Adapters
UL 2097	Reference Standard for Double Insulation Systems for Use in Electronic Equipment
UL 2108	Low Voltage Lighting Systems
UL 2157	Electric clothes washing machines and extractors
UL 2158	Electric clothes dryers (except clause 16.6 and 16.7)
UL 2595	General Requirements for Battery-Powered Appliances
UL 4200A	Products Incorporating Button Batteries or Coin Cell Batteries
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 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 60745-1	Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (Except sections 14.1.2, 31)
UL 60745-2-1	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular requirements for drills and impact drills

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 24 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

UL 60745-2-2	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches
UL 60745-2-3	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-3: Particular requirements for Grinders, Polishers and Disk-Type Sanders
UL 60745-2-4	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular requirements for sanders and polishers other than disk type
UL 60745-2-5	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-5: Particular requirements for circular saws
UL 60745-2-6	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular requirements for hammers
UL 60745-2-8	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-8: Particular requirements for shears and nibblers
UL 60745-2-9	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-9: Particular requirements for tappers
UL 60745-2-11	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)
UL 60745-2-12	Hand-Held Motor-Operated Electric Tools – Safety – Part 2-12: Particular requirements for concrete vibrators (Except section 14)
UL 60745-2-14	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-14: Particular requirements for planers
UL 60745-2-15	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular requirements for hedge trimmers
UL 60745-2-16	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular requirements for tackers
UL 60745-2-17	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular requirements for routers and trimmers
UL 60745-2-18	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-18: Particular requirements for strapping tools
UL 60745-2-19	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular requirements for jointers
UL 60745-2-20	Hand-held motor-Operated electric tools - Safety - Part 2-20: Particular requirements for band saws
UL 60745-2-21	Hand-held motor-Operated electric tools - Safety - Part 2-21: Particular requirements for drain cleaners
UL 60745-2-22	Hand-Held Motor-Operated Electric Tools – Safety – Part 2-22: Particular requirements for cut-off machines

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 25 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

UL 60745-2-23	Hand-Held Motor-Operated Electric Tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools
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
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)

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 26 of 42

IAS/ TL- FDA ASCA /100-1



International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
YY 0648	Safety requirements for electrical equipment for measurement, control and laboratory use: particular requirements for in vitro diagnostic (IVD) medical equipment
YY 9706.108	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
YY 9706.111	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
YY 9706.233	Medical electrical equipment – part 2-33: particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis
YY/T 1474	Medical devices - application of usability engineering to medical devices
YY/T 9706.106	Medical electrical equipment – part 1-6: general requirements for basic safety and essential performance – collateral standard: usability
YY/T 9706.110	Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers
Healthcare	
CAN/CSA-C22.2 No.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
CAN/CSA-C22.2 No.60601-2-2	Medical Electrical Equipment - Part 2-2: Particular Requirements for the Safety of High Frequency Surgical Equipment
CAN/CSA-C22.2 No.60601-2-18	Medical electrical equipment - Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment
CAN/CSA-C22.2 No.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
CAN/CSA-C22.2 No.60601-2-52	Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds
CAN/CSA-C22.2 No.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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 27 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

	T
CAN/CSA-C22.2 No.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
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
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
GB 9706.202	Medical Electrical Equipment - Part 2-2: Particular Requirements for the Safety of High Frequency Surgical Equipment
GB 9706.218	Medical electrical equipment - Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic 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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 28 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

IEC 60601-2-31	Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source
IEC 60601-2-40	Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment
ISO 80601-2-70	Medical electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnea breathing therapy equipment
IEC 80601-2-26	Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs
ISO 13482	Robots and robotic devices
	Safety requirements for personal care robots
Energy Efficiency	
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 C300-15	Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, Freezers, and Wine Chillers
CSA C381.1	Test method for calculating the energy efficiency of single-voltage external acdc 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	Program Requirements Product Specification for Laboratory Grade Refrigerators and Freezers Eligibility Criteria Version 2.0
ENERGY STAR	Imaging Equipment Program Requirements Eligibility Criteria Version 2.0;
ENERGY STAR	Residential Refrigerators and Freezers Eligibility Criteria Version 5.0
ENERGY STAR	Water Coolers, Eligibility Criteria Version 3.0
ENERGY STAR	Consumer Refrigeration Products Eligibility Criteria Version 5.1
IEC 60456	Clothes washing machines for household use-Methods for measuring the performance

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 29 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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 A	Uniform Test Method for Measuring the Energy Consumption of Refrigerators, Refrigerator-Freezers, and Miscellaneous Refrigeration Products
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
U.S. DOE 10 CFR Appendix B to Subpart B of Part 430	Uniform Test Method for Measuring the Energy Consumption of Freezers
U.S. DOE 10 CFR	Uniform Test Method for the Measurement of Energy
Appendix B to Subpart C of Part 431	Consumption of Commercial Refrigerators, Freezers, and Refrigerator-Freezers
Power Tools	
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

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 30 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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
CSA/UL 62841-4-3	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers
IEC/CSA/UL 62841-4-4	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-4: Particular Requirements for Lawn Trimmers, Lawn Edge Trimmers, Grass Trimmers, Brush Cutters and Brush Saws
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)

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 31 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

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
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
IEC/EN 62841-4-3	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 32 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

Miscellaneous	
IEC/EN/CSA/UL 62841-4- 6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums
IEC/EN/CSA/UL 62841-4- 2	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 4-2: Particular Requirements For Hedge Trimmers
IEC/EN/CSA/UL 62841-4- 1	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 4-1: Particular Requirements For Chain Saws
IEC/EN/CSA/UL 62841-3- 7	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-7: Particular Requirements for Transportable Wall Saws
IEC/EN/CSA/UL 62841-3- 14	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-14: Particular Requirements for Transportable Drain Cleaners
IEC/EN/CSA/UL 62841-3- 13	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-13: Particular Requirements for Transportable Drills
IEC/EN/CSA/UL 62841-3- 12	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-12: Particular Requirements For Transportable Threading Machines
IEC/EN/CSA/UL 62841-2- 6	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 2-6 Particular Requirements for Hand-Held Hammers
IEC/EN/CSA/UL 62841-2-3	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-3: Particular Requirements for Hand-Held Grinders, Disc-Type Polishers and Disc-Type Sanders
IEC/EN/CSA/UL 62841-2- 21	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners
IEC/EN/CSA/UL 62841-2- 17	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-17: Particular requirements for hand-held routers
IEC/EN/CSA/UL 62841-2- 10	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 2-10: Particular Requirements For Hand-Held Mixers
IEC/EN/CSA/UL 62841-2- 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 33 of 42



International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

ASTM F2554	Standard Practice for Measurement of Positional Accuracy of Computer Assisted Surgical Systems
ASTM G154	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
CSA E60825-1	Safety of laser products - Part 1: Equipment classification and requirements
FDA CFR 21 Section 1040-10	Laser products
FDA CFR 21 Section 1040-11	Specific purpose laser products
IEC 60695-2-11	Fire Hazard Testing – Part 2-11: Glowing/Hot-Wire Based Test Methods - Glow-Wire Flammability Test Method for End-Products
IEC 60695-2-13	Fire Hazard Testing – Part 2-13: Glowing/Hot-Wire Based Test Methods – Glow-Wire Ignition Temperature (GWIT) Test Method for Materials
IEC 60695-11-10	Fire Hazard Testing – Part 11-10: Test Flames – 50 W Horizontal and Vertical Flame Test Methods
IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test
IEC/EN 62471	Photobiological safety of lamps and lamp systems
IEC/EN 60825-1	Safety of laser products - Part 1: Equipment classification and requirements
IEC/EN 60825-2	Safety of laser products - Part 2: Safety of optical fibre communication systems (OFCS)
ISO 2178	Non-magnetic coatings on magnetic substrates – Measurement of coating thickness – Magnetic method
ISO 3744	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane
ISO 5349-1	Mechanical Vibration –Measurement and Evaluation of Human Exposure to Hand-Transmitted Vibration – Part 1: General Requirements
ISO 5349-2	Mechanical vibration – Measurement and evaluation of human exposure to hand-transmitted vibration – Part 2: Practical guidance for measurement in the workplace
ISO 15004-2	Ophthalmic instruments





International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

#### **Satellite**

#### FDA ASCA Program Scope

Basic Safety and Essential Performance of Medical Electrical Equipment, Medical Electrical			
Systems and Laborato	Systems and Laboratory Medical Equipment		
IEC 60601-1-2 Edition 4.1 2020-09 CONSOLIDATED VERSION [19-36]	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.		
ANSI AAMI IEC 60601-1-2:2014 [Including AMD1:2021] [19-36]	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests [Including Amendment 1 (2021)]		

#### **Regular Scope**

T
Industrial, scientific, and medical equipment – Radio-frequency disturbance
characterises – Limits and methods of measurement
(Excluded OATS, Open-Area Test Site measurement)
Electromagnetic compatibility – Requirements for household appliances, electric
tools and similar apparatus – Part 1: Emission
(Excluded OATS, Open-Area Test Site measurement)
Electromagnetic compatibility – Requirements for household appliances, electric
tools and similar apparatus – Part 1: Emission
(Excluded OATS, Open-Area Test Site measurement)
Electromagnetic compatibility of multimedia equipment – Emission requirements
(Excluded OATS, Open-Area Test Site measurement)
Electromagnetic compatibility of multimedia equipment – Emission requirements
(Excluded OATS, Open-Area Test Site measurement)
Industrial trucks - Electromagnetic compatibility
[(Excluded the complete truck test (type test))
UL Standard for Safety Energy Storage Systems and Equipment
(Clause 36 only)
Radiofrequency fields, Part 2: Principles and methods of measurement and
computation - 3 kHz to 300 GHz
Radio equipment and systems - Short range devices - Limits and methods of
measurement
Medical electrical equipment – Part 1-2: General requirements for basic safety
and essential performance – Collateral Standard: Electromagnetic disturbances –
Requirements and tests
Electromagnetic compatibility – Requirements for household appliances,
Electric tools and similar apparatus – Part 2: Immunity – Product family
standard

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD.
SHANGHAI BRANCH
Effective Date March 7, 2025
Page 35 of 42



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

compatibility of multimedia equipment – Immunity
1 7 1 7
S, Open-Area Test Site measurement)
ions – Electromagnetic compatibility – Part 3-2: Rolling stock –
iono Lioutionagnotio compationity i art o 2. Rolling clock
ions – Electromagnetic compatibility – Part 4: Emission and
signalling and telecommunications apparatus
ions – Electromagnetic compatibility – Part 5: Emission and
d power supply installations and apparatus
d for human exposure to electromagnetic fields from devices
frequency range 0 Hz to 300 GHz, used in Electronic Article
AS), Radio Frequency Identification (RFID) and similar
( ii 12 ) and a simulation ( ii 12 ) and simulation
compatibility (EMC) - Product family standard for machine tools -
on
compatibility (EMC) - Product family standard for machine tools -
, , , , , , , , , , , , , , , , , , ,
d to demonstrate the compliance of base station equipment with
electromagnetic field exposure limits (110 MHz – 100 GHz), when
arket
nunication apparatus used in low-voltage installations - Radio
racteristics - Limits and methods of measurement - Part 1:
-home use
ific and medical equipment – Radio-frequency disturbance
Limits and methods of measurement
compatibility – Requirements for household appliances, Electric
apparatus – Part 2: Immunity – Product family standard
compatibility of multimedia equipment – Immunity requirements
al equipment – Part 1-2: General requirements for basic safety
erformance – Collateral Standard: Electromagnetic disturbances –
nd tests
compatibility (EMC) - Part 6-1: Generic standards - Immunity
dential, commercial and light-industrial environments
compatibility (EMC) – Part 6-2: Generic standards – Immunity
ustrial environments
compatibility (EMC) – Part 6-3: Generic standards – Emission
ipment in residential environments
compatibility (EMC) – Part 6-4: Generic standards – Emission
ustrial environments
nent for measurement, control and laboratory use - EMC
Part 1: General requirements
nent for measurement, control and laboratory use - EMC
Part 2-1: Particular requirements - Test configurations, operational
performance criteria for sensitive test and measurement
MC unprotected applications
nent for measurement, control and laboratory use – EMC
Part 2-2: Particular requirements – Test configurations,
ditions and performance criteria for portable testing, measuring
equipment used in low-voltage distribution systems

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 36 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

EN 61326-2-3	Electrical equipment for measurement, control and laboratory use – EMC
	requirements – Part 2-3: Particular requirements – Test configuration, operational
	conditions and performance criteria for transducers with integrated or remote
	signal conditioning
EN 61326-2-4	Electrical equipment for measurement, control and laboratory use – EMC
	requirements – Part 2-4: Particular requirements – Test configurations,
	operational conditions and performance criteria for insulation monitoring devices
	according to IEC 61557-8 and for equipment for insulation fault location according
	to IEC 61557-9
EN 61326-2-5	Electrical equipment for measurement, control and laboratory use – EMC
	requirements – Part 2-5: Particular requirements – Test configurations,
	operational conditions and performance criteria for field devices with field bus
	interfaces according to IEC 61784-1
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
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 61851-21-1	Electric vehicle conductive charging system – Part 21-1: Electric vehicle on-board
	charger EMC requirements for conductive connection to an AC/DC supply
EN 61851-21-2	Electric vehicle conductive charging system – Part 21-2: Electric vehicle
	requirements for conductive connection to an AC/DC supply – EMC requirements
	for off-board electric vehicle charging systems
EN 62311	Assessment of electronic and electrical equipment related to human exposure
LIV 02011	restrictions for electromagnetic fields (0 Hz to 300 GHz)
EN 62479	Assessment of the compliance of low power electronic and electrical equipment
	with the basic restrictions related to human exposure to electromagnetic fields (10
	MHz to 300 GHz)
EN 62920	Photovoltaic power generating systems – EMC requirements and test methods for
	power conversion equipment
EN IEC 61800-3	Adjustable speed electrical power drive systems – Part 3: EMC requirements and
	specific test methods for PDS and machine tools
FCC Part 15B	Unintentional Radiators
ETSI EN 300 220-1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000
21012110002201	MHz; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 220-2	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000
L 101 L14 000 220 2	MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific
	radio equipment
ETSI EN 300 328	Wideband transmission systems; Data transmission equipment operating in the
L 1 01 L 14 000 020	2,4 GHz band; Harmonised Standard for access to radio spectrum
ETSI EN 300 330	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25
E131 EN 300 330	MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz;
	Harmonised Standard covering the essential requirements of article 3.2 of
	Directive 2014/53/EU
ETSI EN 300 440	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz
L 131 EN 300 440	frequency range; Harmonised Standard for access to radio spectrum
ETSI EN 301 489-1	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
E 1 31 E N 301 409-1	
	Part 1: Common technical requirements; Harmonised Standard for
	Electromagnetic Compatibility

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 37 of 42

IAS/ TL- FDA ASCA /100-1



International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

ETSI EN 301 489-17	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems;
FT01 FN 004 400 40	Harmonised Standard for Electromagnetic Compatibility
ETSI EN 301 489-19	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES)
	operating in the 1,5 GHz band providing data communications and GNSS
	receivers operating in the RNSS band providing positioning, navigation, and
	timing data; Harmonised Standard for Electromagnetic Compatibility
ETSI EN 301 489-2	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
FTCI FN 201 490 27	
ETSI EN 301 489-27	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering
	the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-3	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 3: Specific conditions for Short Range Devices (SRD) operating on
	frequencies between 9 kHz and 246 GHz; Harmonised Standard for
	Electromagnetic Compatibility
ETSI EN 301 489-33	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 33: Specific conditions for Ultra-WideBand (UWB) devices;
	Harmonised Standard covering the essential requirements of article 3.1(b) of
	Directive 2014/53/EU
ETSI EN 301 489-34	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 34: Specific conditions for External Power Supply (EPS) for mobile phones;
ETSI EN 301 489-35	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI)
	operating in the 2 483,5 MHz to 2 500 MHz bands;
	Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
ETSI EN 301 489-4	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 4: Specific conditions for fixed radio links and ancillary equipment;
	Harmonised Standard for electromagnetic compatibility
ETSI EN 301 489-50	Electromagnetic Compatibility (EMC) standard for radio equipment and services;
	Part 50: Specific conditions for Cellular Communication Base Station (BS),
	repeater and ancillary equipment; Harmonised Standard for Electromagnetic
	Compatibility
ETSI EN 301 893	5 GHz RLAN; Harmonised Standard covering the essential requirements
	of article 3.2 of Directive 2014/53/EU
ETSI EN 302 065-1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB);
	Harmonised Standard covering the essential requirements of article 3.2 of the
	Directive 2014/53/EU;
	Part 1: Requirements for Generic UWB applications
ETSI EN 302 065-2	Short Range Devices (SRD) using Ultra Wide Band technology (UWB);
	Harmonised Standard covering the essential requirements of article 3.2 of the
	Directive 2014/53/EU; Part 2: Requirements for UWB location tracking
ETSI EN 302 208	Radio Frequency Identification Equipment operating in the band 865 MHz to 868
_ : 0	MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with
	power levels up to 4 W;
	Harmonised Standard for access to radio spectrum

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 38 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

Г <b></b>	T
ETSI EN 303 413	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System
	(GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz
	and 1 559 MHz to 1 610 MHz frequency bands;
	Harmonised Standard for access to radio spectrum
ETSI EN 303 417	Wireless power transmission systems, using technologies other than radio
	frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz,
	6 765 - 6 795 kHz ranges;
	Harmonised Standard covering the essential requirements of article 3.2 of
	Directive 2014/53/EU
FCC Part 15C	Intentional Radiators
FCC Part 15E	Unlicensed National Information Infrastructure Devices
FCC Part 15F	Ultra-Wideband Operation
FCC Part 18	Industrial, Scientific, and Medical Equipment
ICES-001	Industrial, Scientific and Medical (ISM) Equipment
ICES-002	Vehicles, Boats and Other Devices Equipped with Internal Combustion Engines,
	Traction Batteries or Both
ICES-003	Information Technology Equipment (including Digital Apparatus)
ICES-005	Lighting Equipment
ICES-Gen	General Requirements for Compliance of Interference-Causing Equipment
IEC 60601-1-2	Medical electrical equipment – Part 1-2: General requirements for basic safety
.20 00001 12	and essential performance – Collateral Standard: Electromagnetic disturbances –
	Requirements and tests
IEC 60730-1	Automatic electrical controls – Part 1: General requirements
120 001 00 1	(Clause 23, 25 only)
EN/IEC 61000-3-11	Electromagnetic compatibility (EMC) – Part 3-11: Limits – Limitation of voltage
2.4.200.0000	changes, voltage fluctuations and flicker in public low-voltage supply systems –
	Equipment with rated current ≤ 75 A and subject to conditional connection
EN/IEC 61000-3-12	Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic
2.4.200.0000	currents produced by equipment connected to public low-voltage systems with
	input current >16 A and ≤ 75 A per phase
EN/IEC 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic
214/120 01000 0 2	current emissions (equipment input current ≤16 A per phase)
EN/IEC 61000-3-3	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage
214/120 01000 0 0	changes, voltage fluctuations and flicker in public low-voltage supply systems, for
	equipment with rated current ≤16 A per phase and not subject to conditional
	connection
EN/IEC 61000-4-11	ELECTROMAGNETIC COMPATIBILITY (EMC) – Part 4-11: Testing and
214/120 01000 1 11	measurement techniques – Voltage dips, short interruptions and voltage
	variations immunity tests for equipment with input current up to 16 A per phase
EN/IEC 61000-4-12	Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement
L14/1L0 01000-4-12	techniques – Ring wave immunity test
EN/IEC 61000-4-13	Electromagnetic compatibility (EMC) – Part 4-13: Testing and measurement
L. 4/12 0 1000 7 10	techniques – Harmonics and interharmonics including mains signalling at a.c.
	power port, low frequency immunity tests
EN/IEC 61000-4-14	Electromagnetic compatibility (EMC) – Part 4-14: Testing and measurement
LIV/ILO 01000-4-14	techniques – Voltage fluctuation immunity test for equipment with input current
	not exceeding 16 A per phase
EN/IEC 61000-4-17	Electromagnetic compatibility (EMC) – Part 4-17: Testing and measurement
LIN/ILO 01000-4-11	techniques – Ripple on d.c. input power port immunity test
	Tree iniques - Rippie on a.c. input power port infiniting test

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 39 of 42
IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

EN/IEO 04000 4 40	Floring and Control (FMO) D 1440 T C
EN/IEC 61000-4-18	Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test
EN/IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test
EN/IEC 61000-4-27	Electromagnetic compatibility (EMC) – Part 4-27: Testing and measurement
	techniques – Unbalance, immunity test for equipment with input current not
	exceeding 16 A per phase
EN/IEC 61000-4-28	Electromagnetic compatibility (EMC) – Part 4-28: Testing and measurement
	techniques – Variation of power frequency, immunity test for equipment with input
	current not exceeding 16 A per phase
EN/IEC 61000-4-29	Electromagnetic Compatibility (EMC) - Part 4-29: Testing and Measurement
	Techniques - Voltage Dips, Short Interruptions and Voltage Variations on d.c.
	Input Power Port Immunity Tests
EN/IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement
	techniques – Radiated, radio-frequency electromagnetic field immunity test
EN/IEC 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39: Testing and measurement
	techniques – Radiated fields in close proximity – Immunity test
EN/IEC 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement
<b>-</b>	techniques – Electrical fast transient/burst immunity test
EN/IEC 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement
EN   //E O O / O O O / O	techniques – Surge immunity test
EN/IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement
	techniques – Immunity to conducted disturbances, induced by radio-frequency
ENI/IEO 04000 4 0	fields
EN/IEC 61000-4-8	Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement
ENI/IEO 04000 4.0	techniques – Power frequency magnetic field immunity test
EN/IEC 61000-4-9	Electromagnetic compatibility (EMC) – Part 4-9: Testing and measurement
EN/IEC 61000-6-1	techniques – Impulse magnetic field immunity test
EIN/IEC 01000-0-1	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
EN/IEC 61000-6-2	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity
	standard for industrial environments
EN/IEC 61000-6-3	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission
	standard for equipment in residential environments
EN/IEC 61000-6-4	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission
	standard for industrial environments
IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC
·=• · · · · · ·	requirements - Part 1: General requirements
IEC 61326-2-1	Electrical equipment for measurement, control and laboratory use - EMC
	requirements - Part 2-1: Particular requirements - Test configurations, operational
	conditions and performance criteria for sensitive test and measurement
IFC 64226 2.2	equipment for EMC unprotected applications
IEC 61326-2-2	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-2: Particular requirements – Test configurations,
	operational conditions and performance criteria for portable testing, measuring
	and monitoring equipment used in low-voltage distribution systems
IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use – EMC
120 01020-2-3	requirements – Part 2-3: Particular requirements – Test configuration, operational
	conditions and performance criteria for transducers with integrated or remote
	signal conditioning
	i organic continuoring

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 40 of 42

IAS/ TL- FDA ASCA /100-1



### International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

IEC 61326-2-4	Electrical equipment for measurement, control and laboratory use – EMC
	requirements – Part 2-4: Particular requirements – Test configurations,
	operational conditions and performance criteria for insulation monitoring devices
	according to IEC 61557-8 and for equipment for insulation fault location according
	to IEC 61557-9
IEC 61326-2-5	Electrical equipment for measurement, control and laboratory use – EMC
	requirements – Part 2-5: Particular requirements – Test configurations,
	operational conditions and performance criteria for field devices with field bus
	interfaces according to IEC 61784-1
IEC 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 61547	Equipment for general lighting purposes – EMC immunity requirements
IEC 61800-3	Adjustable speed electrical power drive systems – Part 3: EMC requirements and
	specific test methods for PDS and machine tools
IEC 61851-21-1	Electric vehicle conductive charging system – Part 21-1: Electric vehicle on-board
	charger EMC requirements for conductive connection to an AC/DC supply
IEC 61851-21-2	Electric vehicle conductive charging system – Part 21-2: Electric vehicle
	requirements for conductive connection to an AC/DC supply – EMC requirements
	for off-board electric vehicle charging systems
IEC 62236-3-2	Railway applications – Electromagnetic compatibility – Part 3-2: Rolling stock –
120 02200 0 2	Apparatus
IEC 62236-4	Railway applications – Electromagnetic compatibility – Part 4: Emission and
120 02230 4	immunity of the signalling and telecommunications apparatus
IEC 62236-5	Railway applications – Electromagnetic compatibility – Part 5: Emission and
120 02230-3	immunity of fixed power supply installations and apparatus
IEC 62920	Photovoltaic power generating systems – EMC requirements and test methods for
120 02320	power conversion equipment
IEC/EN 62311	Assessment of electronic and electrical equipment related to human exposure
120/211 02311	restrictions for electromagnetic fields (0 Hz to 300 GHz)
IEC/EN 62479	Assessment of the compliance of low power electronic and electrical equipment
1EG/EN 02479	with the basic restrictions related to human exposure to electromagnetic fields (10
	MHz to 300 GHz)
IEEE/ANSI C63.27	American National Standard for Evaluation of Wireless Coexistence
IEEE/ANSI C63.27	American National Standard for Methods of Measurement of Radio-Noise
IEEE/ANSI C63.4a	
IEEE/ANSI C63.4a	Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
ISO 12766 1	Earth-moving and building construction machinery – Electromagnetic compatibility
ISO 13766-1	
	(EMC) of machines with internal electrical power supply – Part 1: General EMC
100 40700 0	requirements under typical electromagnetic environmental conditions
ISO 13766-2	Earth-moving and building construction machinery – Electromagnetic compatibility
	(EMC) of machines with internal electrical power supply – Part 2: Additional EMC
100 0400 4	requirements for functional safety
ISO 8102-1	Electrical requirements for lifts, escalators and moving walks — Part 1:
100 0400 0	Electromagnetic compatibility with regard to emission
ISO 8102-2	Electrical requirements for lifts, escalators and moving walks — Part 2:
D00 465	Electromagnetic compatibility with regard to immunity
RSS-102	Radio Frequency (RF) Exposure compliance of Radiocommunications Apparatus
	(All Frequency Bands)
RSS-210	Licence-Exempt Radio Apparatus: Category I Equipment

TL-521
CCIC-CSA INTERNATIONAL CERTIFICATION CO., LTD. SHANGHAI BRANCH
Effective Date March 7, 2025
Page 41 of 42



International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. I www.iasonline.org

RSS-216	Wireless Power Transfer Devices
RSS-220	Devices Using Ultra-Wideband (UWB) Technology
RSS-247	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
RSS-248	Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz
	Band
RSS-Gen	General Requirements for Compliance of Radio Apparatus
ANSI/CAN/UL 1973	UL Standard for Safety Batteries for Use in Stationary and Motive Auxiliary Power
	Applications
	(Clause 27 only)
UL 60730-1	Automatic electrical controls – Part 1: General requirements
	(Clause 23, 26 only)

