



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

UL INTERNATIONAL LIMITED

19/F, WATSON CENTRE, 16-22 KUNG YIP STREET
KWAI CHUNG, N.T., HONG KONG

Testing Laboratory TL-599

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

Effective Date January 3, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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UL INTERNATIONAL LIMITED

www.ul.com

Contact Name Rick A Titus

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Accredited to ISO/IEC 17025:2017

Effective Date January 3, 2025

ELECTRICAL	
Appliances	
AS/NZS 60335.1	Household and similar electrical appliances - Safety - Part 1: General requirements
AS/NZS 60335.2.2	Household and similar electrical appliances - Safety - Part 2.2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
AS/NZS 60335.2.3	Household and similar electrical appliances - Safety - Part 2.3: Particular requirements for electric irons
AS/NZS 60335.2.6	Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
AS/NZS 60335.2.8	Household and similar electrical appliances - Safety - Part 2.8: Particular requirements for shavers, hair clippers and similar appliances
AS/NZS 60335.2.9	Household and similar electrical appliances - Safety - Part 2.9: Particular requirements for grills, toasters and similar portable cooking appliances
AS/NZS 60335.2.10	Household and similar electrical appliances - Safety – Part 2.10: Particular requirements for floor treatment machines and wet scrubbing machines
AS/NZS 60335.2.12	Household and similar electrical appliances - Safety – Part 2.12: Particular requirements for warming plates and similar appliances
AS/NZS 60335.2.13	Household and similar electrical appliances - Safety - Part 2.13: Particular requirements for deep fat fryers, frying pans and similar appliances
AS/NZS 60335.2.14	Household and similar electrical appliances - Safety - Part 2.14: Particular requirements for kitchen machines
AS/NZS 60335.2.15	Household and similar electrical appliances - Safety - Part 2.15: Particular requirements for appliances for heating liquids
AS/NZS 60335.2.23	Household and similar electrical appliances - Safety - Part 2.23: Particular requirements for appliances for skin or hair care
AS/NZS 60335.2.25	Household and similar electrical appliances - Safety - Part 2.25: Particular requirements for microwave ovens including combination microwave ovens
AS/NZS 60335.2.28	Household and similar electrical appliances - Safety - Part 2.28: Particular requirements for sewing machines
AS/NZS 60335.2.29	Household and similar electrical appliances - Safety - Part 2.29: Particular requirements for battery chargers

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AS/NZS 60335.2.30	Household and similar electrical appliances - Safety - Part 2.30: Particular requirements for room heaters
AS/NZS 60335.2.32	Household and similar electrical appliances - Safety - Part 2.32: Particular requirements for massage appliances
AS/NZS 60335.2.43	Household and similar electrical appliances - Safety - Part 2.43: Particular requirements for clothes dryers and towel rails
AS/NZS 60335.2.44	Household and similar electrical appliances - Safety - Part 2.44: Particular requirements for ironers
AS/NZS 60335.2.45	Household and similar electrical appliances - Safety - Part 2.45: Particular requirements for portable heating tools and similar appliances
AS/NZS 60335.2.52	Household and similar electrical appliances – Safety – Part 2.52: Particular requirements for oral hygiene appliances
AS/NZS 60335.2.54	Household and similar electrical appliances - Safety - Part 2.54: Particular requirements for surface cleaning appliances for household use employing liquids or steam
AS/NZS 60335.2.55	Household and similar electrical appliances - Safety - Part 2.55: Particular requirements for electrical appliances for use with aquariums and garden ponds
AS/NZS 60335.2.59	Household and similar electrical appliances - Safety - Part 2.59: Particular requirements for insect killers
AS/NZS 60335.2.65	Household and similar electrical appliances – Safety – Part 2.65: Particular requirements for air-cleaning appliances
AS/NZS 60335.2.70	Household and similar electrical appliances – Safety – Part 2.70: Particular requirements for milking machines
AS/NZS 60335.2.71	Household and similar electrical appliances - Safety - Part 2.71: Particular requirements for electrical heating appliances for breeding and rearing animals
AS/NZS 60335.2.74	Household and similar electrical appliances – Safety – Part 2.74: Particular requirements for portable immersion heaters
AS/NZS 60335.2.78	Household and similar electrical appliances – Safety – Part 2.78: Particular requirements for outdoor barbecues
AS/NZS 60335.2.80	Household and similar electrical appliances - Safety - Part 2.80: Particular requirements for fans
AS/NZS 60335.2.85	Household and similar electrical appliances - Safety - Part 2.85: Particular requirements for fabric steamers
AS/NZS 60335.2.88	Household and similar electrical appliances – Safety – Part 2.88: Particular requirements for use with heating, ventilation, or air-conditioning systems
AS/NZS 60335.2.98	Household and similar electrical appliances - Safety - Part 2.98: Particular requirements for humidifiers
AS/NZS 60335.2.100	Household and similar electrical appliances - Safety - Part 2.100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums



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AS/NZS 60335.2.101	Household and similar electrical appliances - Safety - Part 2.101: Particular requirements for vaporizers
IEC/EN 60335-1	Household and similar electrical appliances - Safety - Part 1: General requirements
IEC/EN 60335-2-2	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
IEC/EN 60335-2-3	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
IEC/EN 60335-2-6	Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
IEC/EN 60335-2-8	Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances
IEC/EN 60335-2-9	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
IEC/EN 60335-2-10	Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines
IEC/EN 60335-2-12	Household and similar electrical appliances – Safety – Part 2-12: Particular requirements for warming plates and similar appliances
IEC/EN 60335-2-13	Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances
IEC/EN 60335-2-14	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines
IEC/EN 60335-2-15	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids
IEC/EN 60335-2-23	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
IEC/EN 60335-2-25	Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens
IEC/EN 60335-2-28	Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines
IEC/EN 60335-2-29	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
IEC/EN 60335-2-30	Household and similar electrical appliances - Safety -Part 2-30: Particular requirements for room heaters
IEC/EN 60335-2-32	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances
IEC/EN 60335-2-43	Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails
IEC/EN 60335-2-44	Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers

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IEC/EN 60335-2-45	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
IEC/EN 60335-2-52	Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances
IEC/EN 60335-2-54	Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam
IEC/EN 60335-2-55	Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds
IEC/EN 60335-2-59	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
IEC/EN 60335-2-65	Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances
IEC/EN 60335-2-70	Household and similar electrical appliances – Safety – Part 2-70: Particular requirements for milking machines
IEC/EN 60335-2-71	Household and similar electrical appliances - Safety - Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals
IEC/EN 60335-2-74	Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters
IEC/EN 60335-2-78	Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues
IEC/EN 60335-2-80	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans
IEC/EN 60335-2-85	Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers
IEC/EN 60335-2-88	Household and similar electrical appliances – Safety – Part 2-88: Particular requirements for use with heating, ventilation, or air-conditioning systems
IEC/EN 60335-2-98	Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers
IEC/EN 60335-2-100	Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums
IEC/EN 60335-2-101	Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers
IEC/EN 62233	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
PNS 2133-1:2018 (IEC 60335-1:2016 MOD)	Household and similar electrical appliances - Safety - Part 1: General Requirements
Tools	



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AS/NZS 60745.1	Hand-held motor-operated electrical tools - Safety - General requirements (excluding 14.1, 14.2, 14.4, 14.5, 18.2-18.6, 18.8, 18.9, Annex M.20.1.303-305)
AS/NZS 60745.2.1	Hand-held motor-operated electrical tools - Safety - Particular requirements for drills and impact drills
AS/NZS 60745.2.2	Hand-held motor-operated electrical tools - Safety - Particular requirements for screwdrivers and impact wrenches
AS/NZS 60745.2.3	Hand-held motor-operated electric tools - Safety - Part 2.3: Particular requirements for grinders, polishers and disk-type sanders
AS/NZS 60745.2.4	Hand-held motor-operated electrical tools - Safety - Particular requirements for sanders and polishers other than disk type
AS/NZS 60745.2.5	Hand-held motor-operated electric tools - Safety - Part 2.5: Particular requirements for circular saws
AS/NZS 60745.2.6	Hand-held motor-operated electrical tools - Safety - Particular requirements for hammers
AS/NZS 60745.2.11	Hand-held motor-operated electrical tools - Safety - Particular requirements for reciprocating saws (jig and sabre saws)
AS/NZS 60745.2.14	Hand-held motor-operated electric tools - Safety - Part 2.14: Particular requirements for planers
AS/NZS 60745.2.17	Hand-held motor-operated electric tools - Safety - Part 2.17: Particular requirements for routers and trimmers
IEC/EN 60745-1	Hand-held motor-operated electric tools - Safety - Part 1: General requirements (excluding 14.1, 14.2, 14.4, 14.5, 18.2-18.6, 18.8, 18.9, Annex M.20.1.303-305)
IEC/EN 60745-2-1	Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills
IEC/EN 60745-2-2	Hand-held motor-operated electric tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches
IEC/EN 60745-2-3	Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders
IEC/EN 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 60745-2-5	Hand-held motor-operated electric tools - Safety - Part 2-5: Particular requirements for circular saws
IEC/EN 60745-2-6	Hand-held motor-operated electric tools - Safety - Part 2-6: Particular requirements for hammers
IEC/EN 60745-2-11	Hand-held motor-operated electric tools - Safety - Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)
IEC/EN 60745-2-14	Hand-held motor-operated electric tools - Safety - Part 2-14: Particular requirements for planers
IEC/EN 60745-2-17	Hand-held motor-operated electric tools - Safety - Part 2-17: Particular requirements for routers and trimmers

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Luminaires (no greater than 300W)	
AS/NZS 60598.1	Luminaires - Part 1: General requirements and tests
AS/NZS 60598.2.1	Luminaires - Part 2.1: Particular requirements - Fixed general purpose luminaires
AS/NZS 60598.2.4	Luminaires - Part 2.4: Particular requirements - Portable general purpose luminaires
AS/NZS 60598.2.6	Luminaires - Part 2.6: Particular requirements - Luminaires with built-in transformers for filament lamps
AS/NZS 60598.2.7	Luminaires - Part 2.7: Particular requirements - Portable luminaires for garden use
AS/NZS 60598.2.10	Luminaires - Part 2.10: Particular requirements - Portable luminaires for children
AS/NZS 60598.2.20	Luminaires - Part 2.20: Particular requirements - Lighting chains
AS/NZS 60598-2-21	Luminaires – Part 2.21: Particular requirements – Rope Lights
BS EN 60598-1	Luminaires - Part 1: General requirements and tests
BS EN 60598-2-20	Luminaires - Part 2-20: Particular requirements - Lighting chains
BS EN 60598-2-21	Luminaires – Part 2-21: Particular requirements – Rope Lights
IEC/EN 60598-1	Luminaires - Part 1: General requirements and tests
IEC/EN 60598-2-1	Luminaires - Part 2-1: Particular requirements. Section One: Fixed general purpose luminaires
IEC/EN 60598-2-4	Luminaires - Part 2-4: Particular requirements - Section 4: Portable general purpose luminaires
IEC/EN 60598-2-6	Luminaires - Part 2-6: Particular requirements - Luminaires with built-in transformers for filament lamps
IEC/EN 60598-2-7	Luminaires - Part 2-7: Particular requirements. Section Seven: Portable luminaires for garden use
IEC/EN 60598-2-10	Luminaires - Part 2-10: Particular requirements - Portable luminaires for children
IEC/EN 60598-2-11	Luminaires - Part 2-11: Particular requirements - Aquarium luminaires
IEC/EN 60598-2-20	Luminaires - Part 2-20: Particular requirements - Lighting chains
IEC/EN 60598-2-21	Luminaires – Part 2-21: Particular requirements – Rope Lights
Environmental	
IEC/EN 60529	Degrees of protection provided by enclosures (IP Code)
Power Supplies	
AS/NZS 4665.1	Performance of external power supplies. Part 1: Test method and energy performance mark AS/NSZ 4665.2, Performance of external power supplies.
AS/NZS 4665.2	Performance of external power supplies. Part 2: Minimum energy performance standard (MEPS) requirements
AS/NZS 61558.1	Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests (excluding 19.9)

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AS/NZS 61558.2.6	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2.6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers
AS/NZS 61558.2.7	Safety of power transformers, power supplies, reactors and similar products - Part 2.7: Particular requirements for transformers and power supplies for toys
AS/NZS 61558.2.16	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 1000 V – Part 2.16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units
EN 50563	External a.c. d.c. and a.c. a.c. power supplies. Determination of no-load power and average efficiency of active modes
IEC/EN 61558-1	Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests (excluding 19.9)
IEC/EN 61558-2-6	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers
IEC/EN 61558-2-7	Safety of power transformers, power supplies, reactors and similar products - Part 2-7: Particular requirements and tests for transformers and power supplies for toys
IEC/EN 61558-2-16	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units
Batteries	
16 CFR Part 1263	Safety standard for button cell or coin batteries and consumer products containing such batteries
UL 4200A	Products incorporating button or coin cell batteries of lithium technologies
AV/ITE Product	
AS/NZS 60065	Audio, video and similar electronic apparatus – Safety requirements
AS/NZS 60950-1	Information technology equipment – Safety – Part 1: General requirements
AS/NZS 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
IEC/EN 60065	Audio, video and similar electronic apparatus – Safety requirements
IEC/EN 60950-1	Information technology equipment – Safety – Part 1: General requirements
IEC/EN 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
Energy Consumption Testing	
10 CFR Part 430 Subpart B, Appendix Y	Uniform test method for measuring the energy consumption of battery chargers
10 CFR Part 430 Subpart B, Appendix Z	Uniform test method for measuring the energy consumption of external power supplies

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AHAM CM-1	Performance characteristics and energy consumption measurement of household electric coffee makers
AS/NZS 62301	Household electrical appliances - Measurement of standby power
EN 50564	Electrical and electronic household and office equipment. Measurement of low power consumption
EN 60661	Methods for measuring the performance of electric household coffee makers
GB 12021.6	Minimum allowable values of energy efficiency and energy efficiency grades for electric rice cookers
GB 21456	Minimum allowable values of the energy efficiency and energy efficiency grades for household induction cookers
IEC 62087	Methods of measurement for the power consumption of audio, video and related equipment
IEC 62301	Household electrical appliances - Measurement of standby power
ENERGY STAR®	
ENERGY STAR®	ENERGY STAR® program requirements for audio/video
Plug and Socket Outlets	
AS/NZS 3112:2017, incorporating Amendment No. 1 (September 2021)	Approval and test specification – Plugs and socket-outlets
AS/NZS 60884.1	Plugs and socket-outlets for household and similar purposes – Part 1: General requirements (Tumbling Barrel Test per clause 24.2 only)
BS 1363-1:2016+A1:2018	13A plugs, socket-outlets, adaptors and connection units Part 1: Specification for rewirable and non-rewirable 13A fused plugs
BS 1363-3:2016+A1:2018	13A plugs, socket-outlets, adaptors and connection units Part 3: Specification for adaptors
DIN VDE 0620-2-1:2013-03	Plugs and sockets for home and similar applications – Part 2-1: General requirements for plugs and coupling sockets
DIN VDE 0620-2-1:2021-02	Plugs and sockets for home and similar applications – Part 2-1: General requirements for plugs and coupling sockets
DIN VDE 0620-101:1992	Gauge for interchangeability per clause 7, figure 2
EN 50075:1990	Flat non-wirable two-pole plugs, 2.5A, 250V, with cord, for the connection of class II - equipment for household and similar purposes
IEC 60884-1	Plugs and socket-outlets for household and similar purposes – Part 1: General requirements (Tumbling Barrel Test per clause 24.2 only)
IEC 60884-1 Edition 3.2 2013-02	Plugs and socket-outlets for household and similar purposes - Part 1: General requirements



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IRAM STANDARD 2063 Fourth Edition 2009-11-12	Two poles without earthing contact for domestic and similar purposes, for 10 A, 250 V of alternating current
IRAM STANDARD 2073 Third Edition 2009-11-12	Bipolar Plugs With Earthing Contact for Household Use for 10 A and 20 A, 250 V of alternating current
SASO 2203:2018	Plugs and Socket-Outlets for Household and Similar Purposes-Safety Requirements and Test Methods 250 V/13 A

