



CERTIFICATE OF ACCREDITATION

This is to attest that

ASTC LAB TESTING DONGGUAN CO., LTD.

ROOM 305, BUILDING 1, NO.316, RENZHOU ROAD, SHATIAN TOWN
DONGGUAN, GUANGDONG, 523993 PEOPLE'S REPUBLIC OF CHINA

Testing Laboratory TL-1172

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 August 18, 2023



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

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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ASTC LAB TESTING DONGGUAN CO., LTD.

www.astc-lab.com / www.astcplus.com

Contact Name Sugar Xue

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Accredited to ISO/IEC 17025:2017

Effective Date August 18, 2023

AV/ITE Product	
AS/NZS 62368.1:2018	Audio/video, information and communication technology equipment – Part 1: Safety requirements
BS EN 62368-1:2014+A11:2017	Audio/video, information and communication technology equipment – Part 1: Safety requirements
EN IEC 62368-1:2020+A11:2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements
IEC 62368-1:2018	Audio/video, information and communication technology equipment – Part 1: Safety requirements
SASO IEC 62368-1: 2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements
Machinery Equipment	
EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN ISO 12100:2010	Safety of machinery — General principles for design — Risk assessment and risk reduction
IEC 60204-1:2016+AMD1:2021	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
ISO 12100:2010	Safety of machinery — General principles for design — Risk assessment and risk reduction
SASO IEC 60204-1: 2020	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
Electrical Appliances	
AS/NZS 60335.1-2020	Household and similar electrical appliances - Safety - Part 1: General requirements
AS/NZS 60335.2.3:2012+A1:2016	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons

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AS/NZS 60335.2-9:2020	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
AS/NZS 60335.2.14:2017+A1:2020	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines
AS/NZS 60335.2.15:2019	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids
AS/NZS 60335.2.23:2017+A1:2020	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
AS/NZS 60335.2.29: 2017+A1:2020	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
AS/NZS 60335.2.30:2020	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
AS/NZS 60335.2.32:2020	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances
AS/NZS 60335.2.45:2012	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
AS/NZS 60335.2.52:2018	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
AS/NZS 60335.2.59:2005	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
AS/NZS 60335.2.80:2016+A1:2020	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans
AS/NZS 60335.2.82:2018	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
BS EN 60335-1:2012+A15:2021	Household and similar electrical appliances - Safety - Part 1: General requirements
BS EN 60335-2-3:2016+A1:2020	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
BS EN 60335-2-9:2003+A13:2010	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

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BS EN 60335-2-14:2006+A12:2016	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines
BS EN 60335-2-15:2016+A12:2021	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids
BS EN 60335-2-23:2003+A2:2015	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
BS EN 60335-2-29:2004+A11:2018	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
BS EN 60335-2-30:2009+A13:2022	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
BS EN 60335-2-32:2003+A2:2015	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances
BS EN 60335-2-45:2002+A1:2008+A2:2012	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
BS EN 60335-2-52:2003+A12:2019	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
BS EN 60335-2-59:2003+A11:2018	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
BS EN 60335-2-80:2003+A2:2009	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans
BS EN 60335-2-82:2003+A2:2020	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
EN 60335-1:2012+A1:2019+A3:2019+A14	Household and similar electrical appliances - Safety - Part 1: General requirements
EN 60335-2-3:2016+A1:2020	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
EN 60335-2-9:2003+A1:2004+A2:2006+A12:2007+A13:2010+ AC:2011+AC :2012	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
EN 60335-2-14:2006+A1:2008+A11:2012+A12:2016	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

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EN 60335-2-15:2016+A11:2018	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids
EN 60335-2-23:2003+A1:2008+A11:2010+AC:2012+ A2:2015	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
EN 60335-2-29:2004+A2:2010+A11:2018	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
EN 60335-2-30:2009+A11:2012+A1:2020	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
EN 60335-2-32:2003+A1:2008+A2:2015	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances
EN 60335-2-45:2002+A1:2008+A2:2012	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
EN 60335-2-52:2003+A1:2008+A11:2010+AC:2012+A12:2019	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
EN 60335-2-59:2003+A1:2006+A2:2009+A11:2018	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
EN 60335-2-80:2003+A1:2004+A2:2009	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans
EN 60335-2-82:2003+A1:2008+A2:2020	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
IEC 60335-1:2010+AMD1:2013+AMD2:2016 CSV	Household and similar electrical appliances - Safety - Part 1: General requirements
IEC 60335-1:2020 CMV	Household and similar electrical appliances - Safety - Part 1: General requirements
IEC 60335-2-3:2012+AMD1:2015	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
IEC 60335-2-9:2019	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
IEC 60335-2-14:2016+A1:2019	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

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IEC 60335-2-23:2016+A1:2019	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
IEC 60335-2-29:2016+A1:2019	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
IEC 60335-2-30:2009+AMD1:2016+AMD2:2021 CSV	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
IEC 60335-2-32:2019	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances
IEC 60335-2-45:2002+AMD1:2008+AMD2:2011	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
IEC 60335-2-52:2021RLV	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
IEC 60335-2-59:2021CMV	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
IEC 60335-2-80:2015	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans
IEC 60335-2-82:2017+A1:2020	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
SASO-GSO-IEC-60335-1: 2022	Household and similar electrical appliances - Safety - Part 1: General requirements
SASO-GSO-IEC-60335-2-3:2015	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons
SASO-GSO-IEC-60335-2-23:2020	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care
SASO-GSO-IEC-60335-2-29:2020	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers
SASO-GSO-IEC-60335-2-32:2020	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances

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SASO-GSO-IEC-60335-2-45:2012	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances
SASO-IEC-60335-2-9:2020	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
SASO-IEC-60335-2-14:2020	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines
SASO-IEC-60335-2-15:2020	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids
SASO-IEC-60335-2-30:2021	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters
SASO-IEC-60335-2-52:2020	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
SASO-IEC-60335-2-59:2012	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers
SASO-IEC-60335-2-80:2020	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans
SASO-IEC-60335-2-82:2020	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
Luminaires	
AS/NZS 60598.1:2017	Luminaires - Part 1: General requirements and tests
AS/NZS 60598.2.1:2014+A1:2016+A2:2019	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires
AS/NZS 60598.2.2:2016	Luminaires - Part 2-2: Particular requirements - Recessed luminaires
AS/NZS 60598.2.3:2015	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting
AS/NZS 60598.2.4:2019	Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires
AS/NZS 60598.2.5:2018	Luminaires - Part 2-5: Particular requirements - Floodlights
AS/NZS 60598.2.20:2018	Luminaires - Part 2-20: Particular requirements - Lighting chains
EN 60598-1:2015+A1:2018	Luminaires - Part 1: General requirements and tests

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EN 60598-2-1:1989	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires
EN 60598-2-2:2012	Luminaires - Part 2-2: Particular requirements - Recessed luminaires
EN 60598-2-3:2003+A1:2011	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting
EN 60598-2-4:2018	Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires
EN 60598-2-5:2015	Luminaires - Part 2-5: Particular requirements - Floodlights
EN 60598-2-20:2015	Luminaires - Part 2-20: Particular requirements - Lighting chains
EN IEC 60598-2-17:2018	Luminaires - Part 2-17: Particular requirements - Luminaires for stage lighting, television and film studios (outdoor and indoor)
IEC 60598-1:2020	Luminaires - Part 1: General requirements and tests
IEC 60598-2-1:2020	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires
IEC 60598-2-2:2011	Luminaires - Part 2-2: Particular requirements - Recessed luminaires
IEC 60598-2-3:2002+A1:2011	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting
IEC 60598-2-4:2017	Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires
IEC 60598-2-5:2015	Luminaires - Part 2-5: Particular requirements - Floodlights
IEC 60598-2-17: 2017	Luminaires - Part 2-17: Particular requirements - Luminaires for stage lighting, television and film studios (outdoor and indoor)
IEC 60598-2-20:2014	Luminaires - Part 2-20: Particular requirements - Lighting chains
Environmental	
EN 60529:1991+A1:2000+A2:2013	Degrees of protection provided by enclosures (IP Code)
IEC 60529:1989+A1:1999+A2:2013	Degrees of protection provided by enclosures (IP Code)