



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest that

CSA GROUP CONSUMER PRODUCT EVALUATION (CPE) SHANGHAI COMPANY LIMITED

1 F, BLDG. NO.4, SHANGHAI COMALONG TECHNOLOGY SERVICE PARK, 889 YI SHAN ROAD
SHANGHAI 200233, CHINA

Testing Laboratory TL-555

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 December 22, 2024



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.

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

CSA GROUP CONSUMER PRODUCT EVALUATION (CPE) SHANGHAI COMPANY LIMITED

www.csagroup.org

Contact Name Lotus Yao

Contact Phone +86-2087320648

Accredited to ISO/IEC 17025:2017

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Energy Star – Program Requirements - Lighting	
ENERGY STAR® Program Requirements Product Specification for Downlights V1.0	
Energy Efficiency - Lighting	
ANSI C82.77-10:2020	Harmonic emission limits—related power quality requirements
CEC Title 24, part 6, Joint Appendices JA8	Qualification Requirements for High Efficacy Light Sources
CEC Title 24, part 6, Joint Appendices JA10	Test Method for Measuring Flicker of Lighting Systems
CIE 13.3-1995	Method of measuring and specifying color rendering of light sources
CIE 15-2018	Colorimetry standard
IEC 62301 Edition 2.0 (2011-01)	Household electrical appliances - measurement of standby power
IES LM-58-13	Guide to spectroradiometric measurements
IES LM-79-08	Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products
IES LM 79-19	Approved method: Optical and electrical measurements of solid-state lighting products
IES TM-30-18	IES Method for Evaluating Light Source Color Rendition
Furniture	
ANSI/KCMA A161.1-2022	Performance and construction standard for kitchen and vanity cabinets
Power Tool	
PWMA PW101-2018	Standard for Testing and Rating Performance of Pressure Washers: Determination of Pressure and Water Flow
Lighting	
ANSI/PLATO FL1-2019	Flashlight basic performance standard
Plumbing	

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ASME A112.18.1-2018	Plumbing supply fittings [applicable clauses 5.2.2 (only neutral salt test), 5.2.3 (only heat-quench test and thermal cycling), 5.3.1, 5.3.2, 5.3.4, 5.3.5, 5.4, 5.5, 5.6 (except for the hose extension test), 5.7, and 5.8]
ASME A112.18.2-2020	Plumbing waste fittings [applicable clauses 5.2 (only neutral salt test), 5.4 (only neutral salt test, heat-quench test and thermal cycling), 5.5, 5.8, 5.9, and 5.11]
ASME A112.19.2-2018	Ceramic plumbing fixtures (applicable clauses 6.2, 6.3, 6.4, 6.6, 6.7, and 7.3)
ASME A112.19.3-2022	Stainless steel plumbing fixtures (applicable clauses 5.1, 5.2, 5.4, and 5.5.2)
CAN/CSA-B70-19	Cast iron soil pipe, fittings, and means of joining
CSA B45.1-18 (R2023)	Ceramic plumbing fixtures (applicable clauses 6.2, 6.3, 6.4, 6.6, 6.7, and 7.3)
CSA B45.4:22	Stainless steel plumbing fixtures (applicable clauses 5.1, 5.2, 5.4, and 5.5.2)
CSA B45.5:22	Plastic plumbing fixtures (applicable clauses 5.3, 5.4, 5.7, 5.8.6, 5.13, and 5.14)
CSA B125.1-18	Plumbing supply fittings [applicable clauses 5.2.2 (only neutral salt test), 5.2.3 (only heat-quench test and thermal cycling), 5.3.1, 5.3.2, 5.3.4, 5.3.5, 5.4, 5.5, 5.6 (except for the hose extension test), 5.7, and 5.8]
CSA B125.2-20	Plumbing waste fittings [applicable clauses 5.2 (only neutral salt test), 5.4 (only neutral salt test, heat-quench test and thermal cycling), 5.5, 5.8, 5.9, and 5.11]
IAPMO Z124-2022	Plastic plumbing fixtures (applicable clauses 5.3, 5.4, 5.7, 5.8.6, 5.13, and 5.14)
Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment	
16 CFR Part 1407	Portable Generators: Requirements to Provide Performance and Technical Data by Labeling
CSA C22.2 No. 68-09	Motor-operated appliances (household and commercial) Clause No. 6.16.1 & 6.16.2 in 6.16 Hydrostatic strength — Pressure vessel and system parts
CSA C22.2 No. 68-18	Motor-operated appliances (household and commercial) Clause No. 6.16.1 & 6.16.2 in 6.16 Hydrostatic strength — Pressure vessel and system parts
UL 1450 4th Edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment Clause No. 57 Vibration Test & Clause No. 58 Hydrostatic Strength Test
Gas Appliances	
CSA Z630:19	Barbecue grill brushes
UL 2728A-19	Pellet Fuel Burning Cooking Appliances, Sec. 16, 17, 25 & 29
ULC 2728-19	Pellet Fuel Burning Cooking Appliances, Sec. 5.2, 5.3, 5.13 & 5.17
Physical	
ASTM B117-19	Standard practice for Operating Salt Spray (Fog) Apparatus

CIE: International Commission on Illumination

EPA: Environmental Protection Agency

IEEE: Institute of Electrical and Electronics Engineers

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IES: Illuminating Engineering Society

KCMA: Kitchen Cabinet Manufacturers Association

PLATO: Portable Lights American Trade Organization

PWMA: Pressure Washer Manufacturers' Association

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