



CERTIFICATE OF ACCREDITATION

This is to attest that

**SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD.
GUANGZHOU BRANCH**

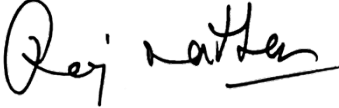
ROOM 101, BUILDING 3, NO.1501, KAICHUANG AVENUE, HUANGPU DISTRICT,
GUANGZHOU, GUANGDONG, 510535, CHINA

Testing Laboratory TL-1063

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 May 18, 2024





President

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

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. GUANGZHOU BRANCH

www.sgs.com

Contact Name BinK Xu

Contact Phone +86 13682271796

Accredited to ISO/IEC 17025:2017

Effective Date May 18, 2024

Physical Testing	
AS 1172.1	Sanitary plumbing products Part 1: Water closet pans (except 5.2.1)
AS 1172.2	Sanitary plumbing products Part 2: Flushing devices and cistern inlet and outlet valves (except 2.3.4, 2.3.6, flexible hose and fittings in 2.4.9, 3.3.1, 3.3.2, 3.3.4, 3.5.1, 4.3.1, 4.3.2, 4.3.3, 5.2.1, 5.2.2, 5.2.4, 5.4.1, 6.2.1, 6.2.2, 6.2.4)
AS 1172.3	Sanitary plumbing products Part 3: Personal hygiene fixtures and appliances - Bidets and bidettes (except 2.3.1)
AS 1172.4	Sanitary plumbing products Part 4: Washbasins (except 2.2.1, 3.2.1, 6.2.1)
AS 1172.5	Sanitary plumbing products Part 5: Baths for ablutionary purposes (except 2.2.1, 3.2.1, 5.2.1)
AS 1172.6	Sanitary plumbing products Part 6: Flushing Urinals
AS 1172.8	Sanitary plumbing products Part 8: Household sinks (except 2.2.1, 3.2.1, 6.2.1)
AS 1371	Toilet seats and fittings (except 4.7, 4.8)
AS 1976	Vitreous china used in sanitary appliances
AS 2001.4.A02	Methods of test for textiles Method 4.A02: Colourfastness tests-Grey scale for assessing change in colour
AS 2345	Dezincification resistance of copper alloys
AS 3558.2	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 2: Determination of chemical and stain resistance
AS 3558.3	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 3: Determination of colour fastness
AS 3558.4	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 4: Determination of resistance to surface scratching
AS 3558.5	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 5: Determination of degradation by ultraviolet light

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

AS 3558.6	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 6: Visual examination of surface finish for defects
AS 3558.11	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 11: Determination of impact resistance of baths for ablutionary purposes
AS 3558.12	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 12: Determination of resistance to thermal shock of baths for ablutionary purposes
AS 3558.15	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 15: Determination of impact resistance of washbasins
AS 3558.16	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 16: Determination of resistance to thermal shock of washbasins
AS 3558.17	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 17: Determination of impact resistance of shower bases and shower modules
AS 3558.18	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 18: Determination of resistance to thermal shock of shower bases and shower modules
AS 3558.19	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 19: Determination of impact resistance of sinks
AS 3558.20	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 20: Determination of resistance to thermal shock of sinks
AS 3558.21	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 21: Determination of thermal expansion under load of sinks
AS 3558.22	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 22: Determination of thermal distortion of sinks
AS 3558.23	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 23: Determination of resistance to heat of the surface of sinks
AS 3558.24	Methods of testing plastics and composite materials sanitary plumbing fixtures - Method 24: Determination of resistance to hot liquids of the surface of sinks
AS 3588	Shower bases and shower modules (except 2.2.1, 3.2.1)
AS 3718	Water supply - Tap ware (except 2.2.3, 2.2.4 (except ISO 6957 testing), 2.2.6, 2.4, 3.7.3.2, 3.10.2, 3.10.3, 4.7)
AS 4023	Non-vitreous china used in sanitary appliances
AS 5200.037.2	Plumbing and drainage products Part 037.2: Flow controllers for use with heated or cold water systems (except 5.1.3, 5.1.4, 5.2, 5.4, 9.1)
AS/NZS 3662	Performance of showers for bathing

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

AS/NZS 6400	Water efficient products - Rating and labelling (except 8, 9, 10)
ASME A112.6.2	Framing-Affixed Supports (Carriers) for Off-the-Floor Plumbing Fixtures (except 2.1, pressurized flushing device in 3.3)
ASME A112.18.1/CSA B125.1	Plumbing supply fittings (except 4.5.2, 4.9.1, 4.9.3, 4.10, 4.13.1.2, 4.15, 4.17, 4.19)
ASME A112.18.2/CSA B125.2	Plumbing waste fittings (except 4.1.3, 4.1.4, 4.1.5, 4.1.6, 4.1.7, 4.1.8, 4.1.9.1)
ASME A112.19.1/CSA B45.2	Enamelled cast iron and enamelled steel plumbing fixtures (except 4.4.3, ASTM F462 testing in 4.7.4)
ASME A112.19.2/CSA B45.1	Ceramic plumbing fixtures (except ASME A112.6.1 and ASME A112.19.12 testing in 4.4, 4.7.5, pressurized flushing device in 5.3.1, 8.7)
ASME A112.19.3/CSA B45.4	Stainless steel plumbing fixtures
ASME A112.19.5/CSA B45.15	Flush valves and spuds for water closets, urinals, and tanks
ASME A112.19.10	Retrofit Dual Flush Devices for Water Closets
ASME A112.19.14	Six-Liter Water Closets Equipped with a Dual Flushing Device
ASME A112.19.15	Bathtubs/Whirlpool Bathtubs with Pressure Sealed Doors (except whirlpool bathtub in 2.1, 2.3, 2.5)
ASSE 1002/ASME A112.1002/CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks
ASTM F446	Standard Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area
BS 1212-4	Float operated valves-Part 4: Specification for compact type float operated valves for WC flushing cisterns (including floats) (except 4.1)
BS 1254	Specification for WC seats (plastics) (except 10.3.3, 12.1, 13.3, 13.4, 13.5, 13.6.3, 13.6.4, 13.7, 13.8.3, Appendix k, Appendix L, colour fastness to light)
BS 3402	Specification for quality of vitreous china sanitary appliances
Cabinet Resolution No. (43) of 2014. Concerning the Emirates Scheme for controlling Water Efficient Fixtures	Cabinet Resolution No. (43) of 2014. Concerning the Emirates Scheme for controlling Water Efficient Fixtures
CSA B45.5/IAPMO Z124	Plastic plumbing fixtures (except 4.6.2, 5.25.1, 5.25.3)
CSA B45.8/IAPMO Z403	Terrazzo, concrete, composite stone, and natural stone plumbing fixtures (except ASTM F462 testing in 4.4.2)

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

CSA B45.11/IAPMO Z401	Glass plumbing fixtures
CSA B45.12/IAPMO Z402	Aluminum and copper plumbing fixtures (except 4.5)
CSA/ASC B651	Accessible design for the built environment (only 4.3, 6.1, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.5)
DIN 19516	WC seats-Requirements and test methods
EN 31	Wash basins — Connecting dimensions
EN 33	WC pans and WC suites - Connecting dimensions
EN 35	Pedestal and wall-hung bidets with over-rim supply — Connecting dimensions
EN 80	Wall-hung urinals - Connecting dimensions
EN 200	Sanitary tapware - Single taps and combination taps for water supply systems of type 1 and type 2 - General technical specification (except 8.7, testing for type 2 in 10 and 12.2, 14)
EN 232	Baths — Connecting dimensions
EN 246	Sanitary tapware - General specifications for aerators (except 10.3)
EN 248	Sanitary tapware - General specification for electrodeposited coatings of Ni-Cr
EN 251	Shower trays — Connecting dimensions
EN 263	Sanitary appliances - Crosslinked cast acrylic sheets for baths and shower trays for domestic purposes (except 3.3)
EN 274-1	Waste fittings for sanitary appliances - Part 1: Requirements
EN 274-2	Waste fittings for sanitary appliances - Part 2: Test methods
EN 695	Kitchen sinks —Connecting dimensions
EN 817	Sanitary tapware - Mechanical mixing valves (PN 10) - General technical specifications (except 14)
EN 997	WC pans and WC suites with integral trap
EN 1112	Sanitary tapware-Shower outlets for sanitary tapware for water supply systems of type 1 and type 2-General technical specification (except 12)
EN 1113	Sanitary tapware-Shower hoses for sanitary tapware for water supply systems of type 1 and type 2-General technical specification
EN 12764	Sanitary appliances - Specification for whirlpool baths (except 4.5)
EN 13310	Kitchen sinks – Functional requirements and test methods
EN 13407	Wall-hung urinals - Functional requirements and test methods

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

EN 13558	Specifications for impact modified extruded acrylic sheets for shower trays for domestic purposes (except 4.3)
EN 13559	Specifications for impact modified coextruded ABS/Acrylic sheets for baths and shower trays for domestic purposes (except 4.3)
EN 14055	WC and urinal flushing cisterns
EN 14124	Inlet valves for flushing cisterns with internal overflow (except 8)
EN 14296	Sanitary appliances - Communal washing troughs
EN 14428	Shower enclosures – Functional requirements and test methods
EN 14516	Baths for domestic purposes
EN 14527	Shower trays for domestic purposes
EN 14528	Bidets - Functional requirements and test methods
EN 14688	Sanitary appliances - Wash basins – Functional requirements and test methods
EN 15091	Sanitary tapware - Electronic opening and closing sanitary tapware (except 4.4, 4.5.2, 4.5.3.2, 4.5.4, 5.2.6.3, 5.3.2.7, 5.6, 6, 7)
EN 15200	Sanitary appliances - Multifunction shower cabinets (except 5.1, 5.7.6.4.2, 5.7.6.5)
EN 16145	Sanitary tapware - Extractable outlets for sink and basin mixers - General technical specification (except 13)
EN 16146	Sanitary tapware - Extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 - General technical specification
GB 18145	Ceramic cartridge faucets (except 5, 6, 7.4, 7.6.7)
GB/T 6952	Sanitary wares (except 5.8.1.2, 5.8.1.3, 5.8.1.5, 5.8.1.6, 5.8.2, 5.8.3, 6.2.3.4, 6.3)
High-Efficiency Lavatory Faucet Specification	High-Efficiency Lavatory Faucet Specification
IAPMO IGC 154	Shower and Tub/Shower Enclosures, Bathtubs with Glass Pressure-Sealed Doors, and Shower/Steam Panels (except Annex A1 of ASTM G85 testing in 4.1.4, 4.1.8, 4.1.9, 4.2.1.2, 4.2.1.3, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7.1, 4.2.8, 4.2.9.3, 4.3, 4.4.1, 4.5.1)
IAPMO PS 50	Flush Valves with Dual Flush Device for Water Closets or Water Closet Tanks with Integral Flush Valves with a Dual Flush Device (except 4.5)
IAPMO/ANSI Z124.5	Plastic toilet seats
ICC A117.1	Standard for Accessible and Usable Buildings and Facilities (Only section 302, 303, 305, 306, 307, 309, 602, 604, 605, 606, 607, 608, 609, 610)

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

ISO 105-A02	Textiles-Tests for colour fastness-Part A02: Grey scale for assessing change in colour
ISO 6957	Copper alloys - Ammonia test for stress corrosion resistance
ISO 28706-1	Vitreous and porcelain enamels-Determination of resistance to chemical corrosion-Part 1: Determination of resistance to chemical corrosion by acids at room temperature
Maximum Performance (MaP) Testing Toilet Fixture Performance Testing Protocol	Maximum Performance (MaP) Testing Toilet Fixture Performance Testing Protocol
NF D12-207	Sanitary appliances - toilet seat
SASO 1024	Ceramic sanitary appliances-Methods of test for general requirements
SASO 1025	Ceramic sanitary appliances-General requirements
SASO 1257	Sanitary appliances - flushing water tanks (except 5.1.2.4 (c))
SASO 1258	Ceramic sanitary appliances-eastern water closets
SASO 1259	Ceramic sanitary appliances-methods of test for eastern water closets
SASO 1473	Ceramic sanitary appliances-western water closets
SASO 1474	Ceramic sanitary appliances-methods of test for western water closets
SASO 1479	Sanitary appliances-methods of test for flushing water tanks (except 10, 11)
SASO 1480	Sanitary appliances-flushing apparatus
SASO 1481	Sanitary appliances-methods of test for flushing water apparatus
SASO 1913	Sanitary appliances-tapware: shower and spray hoses
SASO 1914	Sanitary appliances-tapware: methods of test for shower and spray hoses
SASO 2655	Sanitary appliances: general requirements and methods of test for plumbing fixture fittings (except 4.5.2, 4.9.1, 4.9.3, 4.10, 4.15, 4.17)
SASO 2854	Plastic toilet seat and cover
SASO 2922	Western water closets equipped with a dual flushing device
SASO-GSO-2444	Test method for plastic toilet seat and cover
Technical Regulation for Water Rationalization Tools	Technical Regulation for Water Rationalization Tools
WaterSense® Specification for Flushing Urinals	WaterSense® Specification for Flushing Urinals

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

WaterSense® Specification for Flushometer-Valve Water Closets	WaterSense® Specification for Flushometer-Valve Water Closets
WaterSense® Specification for Showerheads	WaterSense® Specification for Showerheads
WaterSense® Specification for Tank-Type Toilets	WaterSense® Specification for Tank-Type Toilets
WMTS-051	Toilet douche seats (except 9.1)