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CERTIFICATE OF ACCREDITATION

This is to attest

GUANGZHOU INTELLIGENCE QUALITY ASSURANCE CO.,LTD

NO. 11 DONGXUAN ROAD, HUANGPU DISTRICT
GUANGZHOU, GUA, 510700, CHINA

Testing Laboratory TL-573

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 October 29, 2025



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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Accredited to ISO/IEC 17025:2017

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Plumbing	
ANSI/CAN/UL 1821	Standard for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service
AS 681.1	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications Vulcanized rubber
AS 681.2	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications Thermoplastic elastomers
AS 1172.1	Sanitary plumbing products Part 1: Water closet pans
AS 1172.2	Water closets (WCs) - Flushing devices and cistern inlet and outlet valves
AS 1172.3	Sanitary plumbing products - Personal hygiene fixtures and appliances - Bidets and bidettes
AS 1172.6	Sanitary plumbing products Part 6: Flushing Urinals
AS 1349	Bourdon tube pressure and vacuum gauges
AS 1357.1	Valves Primarily for Use in Heated Water Systems Part 1: Protection Valves
AS 1357.2	Valves primarily for use in heated water systems - Control valves
AS 1371	Toilet Seats and Fittings
AS 1432	Copper tubes for plumbing, gas fitting and drainage applications
AS 1462.17	Methods of test for unplasticized PVC (UPVC) pipes and fittings - Method for testing pressure pipe joints with elastomeric seals
AS 1565	Copper and copper alloys - Ingots and castings
AS 1589	Copper and copper alloy waste fittings
AS 1628	Water supply - Metallic gate, globe and non-return valves
AS 1646	Elastomeric seals for waterworks purposes
AS 1756	Household sinks
AS 1769	Welded stainless steel tubes for plumbing applications

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AS 1976	Vitreous china used in sanitary appliance
AS 2084	Non-destructive testing - Eddy current testing of metal tubes
AS 2345	Dezincification resistance of copper alloys
AS 2419.2/.3	Fire hydrant installations
AS 2845.2	Water supply - backflow preventions devices - registered air gaps and registered break tanks
AS 2887	Plastic waste fittings
AS 2888.1	Methods of testing plastics waste fittings - Method of determining the suitability of connection threads of BSP form
AS 2888.2	Methods of testing plastics waste fittings - Method for determining dimensions
AS 2888.3	Methods of testing plastics waste fittings - Method for pressure testing of plastics waste fittings
AS 2888.4	Methods of testing plastics waste fittings - Method for air pressure/vacuum testing of plastics waste fittings
AS 2888.5	Methods of testing plastics waste fittings - Trap seal test
AS 2888.6	Methods of testing plastics waste fittings - Method for load testing of plastics waste outlets
AS 2888.7	Methods of testing plastics waste fittings - Method for testing the seal of plastics waste outlets
AS 2888.8	Methods of testing plastics waste fittings - Thermal cycling test
AS 2888.9	Methods of testing plastics waste fittings - Method for determining residual stress in plastics waste fittings
AS 2888.10	Methods of testing plastics waste fittings - Method for leak testing plastics pan connectors
AS 2888.11	Methods of testing plastics waste fittings - Method for cyclic testing of plastics telescopic waste connectors (rubber-ring joint type)
AS 3494	Bidettes and bidets
AS 3497	Drinking water treatment systems - Design and performance requirements
AS 3498	Authorization requirements for plumbing products - Water heaters and hot-water storage tanks
AS 3565.1	Meters for cold and heated drinking and non-drinking water supplies Technical requirements (Reconfirmed 2021)
AS 3588	Shower Bases and Shower Modules
AS 3688	Water supply and gas systems - Metallic fittings and end connectors
AS 3718	Water supply - Tap ware

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AS 3952	Water supply - Spring hydrant valve for waterworks purposes
AS 4032.1	Water supply - Valves for the control of heated water supply temperatures - Thermostatic mixing valves - Materials design and performance requirements
AS 4032.2	Water supply - Valves for the control of hot water supply temperatures - Tempering valves and end-of-line temperature-actuated devices
AS 4032.3	Water supply - Valves for the control of hot water supply temperatures - Requirements for field testing, maintenance or replacement of thermostatic mixing valves, tempering valves and end of line temperature control devices
AS 4032.4	Water supply - Valves for the control of heated water supply temperatures Thermostatically controlled taps for the control of heated water supply temperatures
AS 4087	Metallic flanges for waterworks purposes
AS 4176.1	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - General
AS 4176.2	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Pipes
AS 4176.3	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Fittings
AS 4176.5	Multilayer pipes for pressure applications - Multilayer piping systems for hot and cold water plumbing applications - Fitness for purpose of the system
AS 4176.8	Multilayer pipes for pressure applications - Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (exclusion: Section 5.5.2 additional requirements, table 1 physical properties, odorant permeability)
AS 4181	Repair and off-take clamps for water industry purposes
AS 4617	Manual shut off gas valves
AS 4794	Non-return valves - Swing check and tilting disc
AS 4795.1	Butterfly valves for waterworks purposes - Wafer and lugged
AS 4795.2	Butterfly valves for waterworks purposes - Double flanged
AS 4796	Water supply - metal-bodied and plastic-bodied ball valves for property service connection
AS 5081	Hydraulically operated automatic control valves for waterworks purposes
AS 5200.053	Stainless steel pipes and tubes for pressure applications
AS 5612	Butterfly valves for general purposes

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AS 5830.1	In-line ball valves for use in plumbing water supply systems - metal-bodied
AS 5830.2	In-line ball valves for use in plumbing water supply systems - plastics-bodied
AS 61386.1	Conduit system for cable management General requirements
AS/NZS 1254	PVC-U pipes and fittings for stormwater and surface water applications
AS/NZS 1260	PVC-U pipes and fittings for drain, waste and vent application
AS/NZS 1462.1	Methods of test for plastics pipes and fittings - method for determining the dimensions of pipes and fittings
AS/NZS 1462.3	Methods of test for plastics pipes and fittings - Method for determining the impact characteristics of pipes
AS/NZS 1462.4	Methods of test for plastics pipes and fittings - method of determining reversion of UPVC pipes
AS/NZS 1462.6	Methods of test for plastics pipes and fittings - thermoplastics pipes, fittings and assemblies for the transport of fluids under pressure - resistance to internal pressure
AS/NZS 1462.8	Methods of test for plastics pipes and fittings - method of testing the leak tightness of assemblies
AS/NZS 1462.10	Methods of test for plastics pipes and fittings - Method for hydrostatic pressure testing of fittings and elastomeric seal joints for non-pressure applications
AS/NZS 1462.11	Methods of test for PVC pipes and fittings - method for high temperature stress-relief testing of fittings
AS/NZS 1462.13	Methods of test for plastics pipes and fittings - Method for the determination of elastomeric seal joint contact width and pressure
AS/NZS 1462.16	Methods of test for plastics pipes and fittings - method for high temperature testing of pipe
AS/NZS 1462.22	Methods of test for plastics pipes and fittings - Method for the determination of pipe stiffness
AS/NZS 1462.23	Methods of test for plastics pipes and fittings - Method for determination of ring flexibility
AS/NZS 1462.25	Methods of test for plastics pipes and fittings - Determination of slow-crack-growth of PE (polyethylene) resins - Notched, constant ligament-stress (NCLS) method
AS/NZS 1477	PVC pipes and fittings for pressure applications
AS/NZS 1567	Copper and copper alloys - Wrought rods, bars and sections
AS/NZS 1568	Copper and copper alloys - Forging stock and forgings
AS/NZS 1571	Copper- seamless tubes for air conditioning and refrigeration
AS/NZS 1572	Copper and copper alloys - Seamless tubes for engineering purposes

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AS/NZS 1730	Washbasins
AS/NZS 2023	Baths for ablutionary purposes
AS/NZS 2053.2	Conduits and fittings for electrical installations Part 2: Rigid plain conduits and fittings of insulating material
AS/NZS 2280	Ductile iron pipes and fittings
AS/NZS 2492	Cross-linked polyethylene (PE-X) pipes for pressure applications
AS/NZS 2537.1	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - General
AS/NZS 2537.2	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - Fittings
AS/NZS 2537.3	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - fitness for purpose of the system
AS/NZS 2537.5	Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - plastics pipes and fittings - crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels - metric series - specifications - fittings for mechanical jointing (including PE-X/metal transitions)
AS/NZS 2638.1	Gate valves for waterworks purposes - metal seated
AS/NZS 2638.2	Gate valves for waterworks purposes - resilient seated
AS/NZS 2642.2	Polybutylene (PB) plumbing pipe systems - polybutylene (PB) pipe for hot and cold water applications
AS/NZS 2642.3	Polybutylene (PB) plumbing pipe systems - mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications
AS/NZS 2845.1	Water supply - backflow prevention devices - Materials, design and performance requirements
AS/NZS 3499	Water supply - flexible hose assemblies
AS/NZS 3500.1	Plumbing and Drainage - Part 1: Water services
AS/NZS 3662	Performance of showers for bathing
AS/NZS 3718	Water supply - Tap ware
AS/NZS 3982	Urinals
AS/NZS 4020	Testing of products for use in contact with drinking water
AS/NZS 4129	Fittings for polyethylene (PE) pipes for pressure applications
AS/NZS 4130	Polyethylene (PE) pipes for pressure applications
AS/NZS 4131	Polyethylene (PE) compounds for pressure pipes and fittings

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AS/NZS 4158	Thermal-bonded polymeric coatings on valves and fittings for water industry purposes
AS/NZS 4401	Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - polyethylene (PE)
AS/NZS 4692.1	Electric water heaters Part 1: Energy consumption, performance and general requirements
AS/NZS 4793	Mechanical tapping bands for waterworks purposes
AS/NZS 4998	Bolted unrestrained mechanical couplings for waterworks purposes
AS/NZS 5065	Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications
AS/NZS 6400	Water efficient products - rating and labelling
AS/NZS 61386.21	Conduit systems for cable management Particular requirements - Rigid conduit systems
ASME A112.4.2/ CSA B45.16	Personal hygiene devices for water closets
ASME A112.4.14/ CSA B125.14	Manually or automatically operated valves for use in plumbing systems
ASME A112.18.1/CSA B125.1	Plumbing supply fittings
ASME A112.18.2	Plumbing waste fittings
ASME A112.18.3	Performance requirements for backflow protection devices and systems in plumbing fixture fittings
ASME A112.18.6	Flexible water connectors
ASME A112.19.2	Ceramic plumbing fixtures
ASME A112.19.3	Stainless steel plumbing fixtures
ASME A112.19.5	Flush valves and spuds for water closets, urinals, and tanks
ASME A112.19.6	Hydraulic Performance Requirements for Water Closets and Urinals
ASME A112.19.7	Hydromassage bathtub systems
ASME A112.19.14	Six-liter water closets equipped with a dual flushing device
ASME A112.1016	Performance requirements for automatic compensating valves for individual showers and tub/shower combinations
ASME A112.1037	Performance requirements for pressurized flushing devices for plumbing fixtures
ASME B16.22	Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings
ASME B16.51	Copper and Copper Alloy Press-Connect Pressure Fittings
ASSE 1002	Anti-siphon fill valves for water closet tanks
ASSE 1014	Hand-held showers

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ASSE 1016	Performance requirements for automatic compensating valves for individual showers and tub/shower combinations
ASSE 1030	Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems
ASSE 1037	Performance requirements for pressurized flushing devices for plumbing fixtures
ASSE 1061	Performance requirements for push-fit fittings
ASTM F876	Standard Specification for Crosslinked Polyethylene (PEX) Tubing
ASTM F1336	Standard Specification for Poly(Vinyl Chloride)(PVC) Gasketed Sewer Fittings
ASTM F3506	Standard Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Composite Pressure Pipe based on Inner Diameter (ID) for use in Air Conditioning and Refrigeration Line Set Systems
ATS 5200.037.2	Technical specification for plumbing and drainage products - part 037.2: flow controllers—for use in heated or cold water plumbing systems
BS 750	Underground fire hydrants - Surface box frames and covers - Specification
BS 1212-1	Float operated valves. Specification for piston type float operated valves (copper alloy body) (excluding floats)
BS 1212-2	Float operated valves -specification for diaphragm type float operated valves (copper alloy body) (excluding floats)
BS 1212-3	Float operated valves -specification for diaphragm type float operated valves (plastics bodied) for cold water services only (excluding floats)
BS 1212-4	Float operated valves - Part 4: specification for compact type float operated valves for WC flushing cisterns (including floats)
BS 1254	Specification for WC seats (plastics)
BS 1387	Specification for Screwed and socketed steel tubes and tubulars and for plain end steel tubes suitable for welding or for screwing to Bs 21 pipe threads
BS 3505	Specification for unplasticized polyvinyl chloride (PVC-U) pressure pipes for cold potable water
BS 3506	Specification for Unplasticized PVC pipe and fittings for industrial uses
BS 3943	Specification for plastics waste traps
BS 4346-1/2/3	Specification for Joints and fittings for use with unplasticized PVC pressure pipes Part 1: Injection moulded unplasticized PVC fittings for solvent welding for use with pressure pipes, including potable water supply Part 2. Mechanical joints and fittings, principally of unplasticized PVC

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	Part 3. Solvent cements and solvent welded joints.
BS 4514	Specification for Unplasticized PVC soil and ventilating pipes, fittings and accessories
BS 4607-1/2/3/5	Non-metallic conduit fittings for electrical installations – Part 1: Specification for fittings and components of insulating material Part 2: Rigid PVC conduits and conduit fittings. Imperial Units Part 3: Pliable corrugated, plain and reinforced conduits of self-extinguishing plastics materials Part 5: Specification for rigid conduits, fittings and boxes of insulating material
BS 4660	Specification for Unplasticized polyvinylchloride (PVC-U) pipes and plastics fittings of nominal sizes 110 and 160 for belowground gravity drainage and sewerage
BS 4662	Boxes for flush mounting of electrical accessories. Requirements, test methods and dimensions
BS 5154	Specification for copper alloy globe, globe stop and check, check and gate valves
BS 5163-1	Valves for waterworks purposes - Part 1: Predominantly key-operated cast iron gate valves - Code of practice
BS 5255	Specification for Thermoplastics waste pipe and fittings
BS 5481	Specification for Unplasticized PVC pipe and fittings for gravity sewers
BS 6920-1/-2/-3	Suitability of non-metallic materials and products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
BS EN 593	Industrial valves. Metallic butterfly valves for general purposes
BS EN 607	Eaves gutters and fittings made of PVC-U - Definitions, requirements and testing
BS EN 1253-1	Gullies for buildings Part 1: Trapped floor gullies with a depth water seal of at least 50 mm
BSEN 1452-1/-2/-3	Plastics piping systems for water supply - Unplasticized poly (vinyl chloride) (PVC-U)
BS EN 61386-24	Conduit systems for cable management Part 24: Particular requirements - Conduit systems buried underground
CSA B45.1	Ceramic plumbing fixtures
CSA B45.4	Stainless steel plumbing fixtures
CSA B45.5	Flush valves and spuds for water closets, urinals, and tanks
CSA B45.15	Flush valves and spuds for water closets, urinals, and tanks
CSA B125.2	Plumbing waste fittings

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CSA B125.3	Plumbing fittings
CSA B125.6	Flexible water connectors
CSA B125.16	Performance requirements for automatic compensating valves for individual showers and tub/shower combinations
CSA B125.37	Performance requirements for pressurized flushing devices for plumbing fixtures
CSA B137	Thermoplastic pressure piping compendium
DIN 8077	Polypropylene (PP) pipes - PP-H, PP-B, PP-R, PP-RCT - dimensions
DIN 8078	Polypropylene (PP) pipes – PP-H, PP-B, PP-R, PP-RCT – General quality requirements and testing
DIN 16961-1/-2	Thermoplastics pipes and fittings with profiled wall and smooth pipe inside
DIN 16962 Series	Pipe joints and elements for polypropylene (PP) pressure pipelines, Types 1 and 2; bends of segmental construction for butt-welding, dimensions
EN 31	Pedestal 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 36	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
EN 232	Baths - connecting dimensions
EN 246	Sanitary tapware - General specifications for flow rate regulators
EN 248	Sanitary tapware - General specification for electrodeposited coatings of Ni-Cr
EN 274-1	Waste fittings for sanitary appliances - requirements
EN 274-2	Waste fitting for sanitary appliances - test methods
EN 681-1	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber
EN 816	Sanitary tapware - automatic shut-off valves (PN 10)
EN 817	Sanitary tapware -mechanical mixing valves (PN 10) - general technical specifications
EN 997	WC pans and WC suites with integral trap
EN 1053	Plastics piping systems - thermoplastics piping systems for non-pressure applications - test methods for watertightness

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EN 1054	Plastics piping systems - thermoplastics piping systems for soil and waste discharge - test method for airtightness of joints
EN 1055	Plastics piping systems - thermoplastics piping systems for soil and waste discharge inside buildings - test method for resistance to elevated temperature cycling
EN 1111	Sanitary tapware - thermostatic mixing valves (PN 10) - general technical specification
EN 1112	Sanitary tapware - shower outlets for sanitary tapware for water supply systems type 1 and type 2 - general technical specification
EN 1113	Sanitary tapware - Shower hoses for sanitary tapware for water supply systems of type 1 and type 2 - General technical specification.
EN 1213	Building valves - copper alloy stopvalves for potable water supply in buildings - tests and requirements
EN 1254-2	Copper and copper alloys - plumbing fittings - fittings with compression ends for use with copper tubes
EN 1254-3	Copper and copper alloys -plumbing fittings - fittings with compression ends for use with plastics pipes
EN 1286	Sanitary tapware - low pressure mechanical mixing valves - general technical specification
EN 1287	Sanitary tapware - Low pressure thermostatic mixing valves - General technical specifications
EN 1329-1/2	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure -Unplasticized poly (vinyl chloride) (PVC-U) Part 1: Specifications for pipes, fittings and the system Part 2: Guidance for the assessment of conformity
EN 1401-1	Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U)
EN 1717	Protection against pollution of potable water installations and general requirements of devices to prevent pollution by backflow
EN 12201-1/-2/-3/-4	Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) Part 1: General; Part 2: Pipes; Part 3: Fittings; Part 4: Valves for water supply systems.
EN 12259-2	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 2: Wet alarm valve assemblies
EN 12259-3	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 3: Dry alarm valve assemblies
EN 12259-4 (+A1)	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 4: Water motor alarms
EN 12259-5	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 5: Water flow detectors

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EN 12259-9	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 9: Deluge alarm valves
EN 12293	Plastics piping systems - thermoplastics pipes and fittings for hot and cold water - test method for the resistance of mounted assemblies to temperature cycling
EN 12294	Plastic piping systems - systems for hot and cold water - test method for leaktightness under vacuum
EN 12295	Plastics piping systems - thermoplastics pipes and associated fittings for hot and cold water - test method for resistance of joints to pressure cycling
EN 12541	Sanitary tapware — Pressure flushing valves and automatic closing urinal valves PN 10
EN 13310	Kitchen sinks - functional requirements and test methods
EN 13407	Wall-hung urinals – Functional requirements and test methods
EN 13618	Flexible hose assemblies in drinking water installations - Functional requirements and test methods
EN 13828	Building valves - manually operated copper alloy and stainless steel ball valves for potable water supply in buildings. Tests and requirements
EN 14055	WC and urinal flushing cisterns
EN 14124	Inlet valves for flushing cisterns with internal overflow
EN 14339	Underground fire hydrants
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.
EN 16146	Sanitary tapware - extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 - general technical specification
GSO 1427	ENERGY EFFICIENCY Ceramic Sanitary Appliances -Western Water Closets
GSO 1431	ENERGY EFFICIENCY Sanitary appliances-pressurized flushing devices
GSO 944	ENERGYEFFICIENCY Sanitary appliances-Flushing water tanks
IAPMO IGC 186	Bathroom accessories
IAPMO IGC 235	Wood Type Plumbing Fixtures

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IAPMO IGC 299	Ring Gaskets for Water Closet and Urinal Outlets
IAPMO PS 50	Flush valves with dual flush device for water closets or water closet tank with an integral flush valves with a dual flush device
IAPMO PS 106	Tileable shower receptors and shower kits
IAPMO Z124	Plastic Plumbing Fixtures
IAPMO/ANSI Z124.5	Plastic toilet seats
IAPMO/ANSI Z1157	Ball valves
IAPMO/ANSI/CAN Z1117	Press connections
IEC 60670-24	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment
IEC 60669-1	Switches for household and similar fixed-electrical installations - Part 1: General requirements
IEC 61386-21	Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems
ISO 1133-1	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method
ISO 3126	Plastics piping systems - Plastics components - Determination of dimensions
ISO 3501	Plastics piping systems - mechanical joints between fittings and pressure pipes - test method for resistance to pull-out under constant longitudinal force
ISO 3503	Plastics piping systems - mechanical joints between fittings and pressure pipes - test method for leaktightness under internal pressure of assemblies subjected to bending
ISO 4427-1	Plastics piping systems - polyethylene (PE) pipes and fittings for water supply part 1: general
ISO 4427-2	Plastics piping systems - polyethylene (PE) pipes and fittings for water supply part 2: pipes
ISO 4427-3	Plastics piping systems - polyethylene (PE) pipes and fittings for water supply part 3: fittings
ISO 4427-5	Plastics piping systems - polyethylene (PE) pipes and fittings for water supply part 5: fitness for purpose of the system
ISO 4437-1	Plastics piping systems for the supply of gaseous fuels - polyethylene (PE) – part 1: General
ISO 4437-2	Plastics piping systems for the supply of gaseous fuels - polyethylene (PE) – part 2: pipes
ISO 4437-3	Plastics piping systems for the supply of gaseous fuels - polyethylene (PE) – part 3: fittings

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ISO 4437-4	Plastics piping systems for the supply of gaseous fuels - polyethylene (PE) – part 4: valves
ISO 4437-5	Plastics piping systems for the supply of gaseous fuels - polyethylene (PE) – part5: fitness for purpose of the system
ISO 5208	Industrial valves - pressure testing of metallic valves
ISO 6509-1	Corrosion of Metals and Alloys - Determination of Dezincification Resistance of Brass
ISO 6957	Copper Alloys - Ammonia Test for Stress Corrosion Resistance
ISO 6964	Polyolefin pipes and fittings - Determination of carbon black content by calcination and pyrolysis - Test method
ISO 9080	Plastics piping and ducting systems - Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation
ISO 11357-6	Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (Dynamic OIT)
ISO 13480	Polyethylene Pipes - Resistance to Slow Crack Growth - Cone Test Method
ISO 14236	Plastics pipes and fittings - Mechanical joint compression fittings for use with polyethylene pressure pipes in water supply systems
ISO 15874-1	Plastics piping systems for hot and cold water installations - polypropylene (PP) – part 1: general
ISO 15874-2	Plastics piping systems for hot and cold water installations - polypropylene (PP) – part 2: pipes
ISO 15874-3	Plastics piping systems for hot and cold water installations - polypropylene (PP) – part 3: fittings
ISO 15874-5	Plastics piping systems for hot and cold water installations - polypropylene (PP) – part 5: fitness for purpose of the system
ISO 15875-1	Plastics piping systems for hot and cold water installations -crosslinked polyethylene (PE-X) – part 1:general
ISO 15875-2	Plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - part 2: pipes
ISO 15875-3	Plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - part 3: fittings
ISO 15875-5	Plastics piping systems for hot and cold water installations - crosslinked polyethylene (PE-X) - part 5: fitness for purpose of the system
ISO 22391-1	Plastics piping systems for hot and cold water installations - polyethylene of raised temperature resistance (PE-RT) – part 1: general

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ISO 22391-2	Plastics piping systems for hot and cold water installations - polyethylene of raised temperature resistance (PE-RT) - part 2: pipes
ISO 22391-3	Plastics piping systems for hot and cold water installations - polyethylene of raised temperature resistance (PE-RT) - part 3: fittings
ISO 22391-5	Plastics piping systems for hot and cold water installations - polyethylene of raised temperature resistance (PE-RT) - part 5: fitness for purpose of the system
KCMA A161.1	PERFORMANCE AND CONSTRUCTION STANDARD FOR KITCHEN AND VANITY CABINETS
MaP 01	Maximum Performance (MaP) Testing Protocol for Toilet Fixture Performance
MS 147	Specification for quality of vitreous china sanitary appliances
MS 589-1	13 A plugs, socket-outlets, adaptors and connection units -Part 1:Specification for rewirable and non-rewirable 13 A fused plugs
MS 628-1	Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure - Unplasticized poly (vinyl chloride) (PVC-U) - Part 1: General (Second revision) (ISO 1452-1:2009, MOD)
MS 628-2	Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure Unplasticized Poly (Vinyl Chloride) (PVC-U) - Part 2: Pipes (ISO 1452-3 Mod)
MS 628-3	Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure Unplasticized Poly (Vinyl Chloride) (PVC-U) - Part 3: Fittings (ISO 1452-3 Mod)
MS 795-1	WC flushing cisterns - part 1: specification (exclusion Section 4.2.2.2: Color fastness to light for exposed cistern only)
MS 795-2	WC flushing cisterns - part 2: inlet valves
MS 795-3	WC flushing cisterns - part 3: flushing device
MS 979-1/-2	PVC-U FITTINGS FOR NON - PRESSURE UNDERGROUND DRAINAGE AND SEWERAGE
MS 1034	Unplasticised polyvinyl chloride (PVC-U) conduit for underground telecommunication cables - Specification (First revision)
MS 1058-2	Polyethylene (PE) piping systems for water supply - Part 2: Pipes
MS 1058-3	Polyethylene (PE) piping systems for water supply - Part 3: Fittings
MS 1061-1	Vitrified Clay Pipes and Fittings and Pipes Joints for Drains and Sewers. - Part 1: Requirement
MS 1063	Plastics piping systems for soil, ventilation and waste discharge (low and high temperature) within the uilding structure - unplasticised poly (vinyl chloride) (PVC-U)

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MS 1086: 2	Polyethylene (PE) piping systems for gaseous fuels supply - Part 2: Pipes (first revision)
MS 1210-1	Specification for Fire Hydrant Systems Equipment - Part 1: Landing Valves for Wet Risers
MS 1210-2	Specification for Fire Hydrant Systems Equipment - Part 2: Landing Valves for Dry Risers
MS 1419-1	Acrylonitrile-Butadiene Styrene (ABS) Piping Systems for Pressure Applications - Part 1: Specification for Compounds, Pipes and Fittings
MS 1522	Specification for vitreous china water closet pans
MS 1583: PART 1/2/3	SUITABILITY OF NON-METALLIC PRODUCTS FOR USE IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION WITH REGARD TO THEIR EFFECT ON THE QUALITY OF THE WATER: PART 1: SPECIFICATION PART 2: METHODS OF TEST PART 3: HIGH TEMPERATURE TESTS
MS 1736-2	Plastics piping systems for hot and cold water installations - Crosslinked Polyethylene (PE-X) - Part 3: Pipes
MS 1736-3	Plastics piping systems for hot and cold water installations - Crosslinked Polyethylene (PE-X) - Part 3: Fittings
MS 1799	Urinals - Specification
MS 1882	Piston Type Float Operated Valves - Specification
MS 1919	Ductile Iron Pipes, Fittings, Accessories and Their Joints for Water Pipelines - Requirements and Test Method
MS 2286-2	Plastics piping systems for hot and cold water installations - Polypropylene (PP) Part 2: Pipes (ISO 15874-2 MOD)
MS 2286-3	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings (ISO 15874-3 MOD)
MS 2495	Pipework - Stainless Steel Fittings Threaded in Accordance with MS 1989: Part 1
MS 2508-2	Plastics Piping Systems for Hot and Cold Water Installations - – Polyethylene of Raised Temperature Resistance (PE-RT) - Part 2: Pipe
MS 2508-3	Plastics Piping Systems for Hot and Cold Water Installations - – Polyethylene of Raised Temperature Resistance (PE-RT) - Part 3: Fittings
MS 2545	Flush Valve: Specification
MS 2578	Ceramic wash basins - Specification
MS ISO 13006	Ceramic Tiles – Definitions, Classification, Characteristics and Marking
MSS SP-80	Bronze gate, globe, angle, and check valves
MSS SP 110	Ball valves threaded, socket-welding, solder joint, grooved and flared ends

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NSF/ANSI 14	Plastics Piping System Components and Related Materials
NSF/ANSI 61	Drinking Water System Components - Health Effects
NSF/ANSI 177	Shower Filtration Systems - Aesthetic Effects
NSF/ANSI 372	Drinking Water System Components - Lead Content
NZS 4522	Underground fire hydrants
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
SASO 1258	Ceramic Sanitary Appliances Eastern Water Closets and Traps
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 1475	Bidets - Functional requirements and test methods
SASO 1476	Ceramic sanitary appliances - washbasins
SASO 1477	Sanitary Appliances - Pressurized Flushing Devices
SASO 1478	Sanitary appliances - Methods of test for pressurized flushing devices
SASO 1479	Sanitary appliances - Methods of test for flushing water tanks
SASO 1480	Sanitary appliances – flushing apparatus
SASO 1481	Sanitary appliances – method of test for flushing 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 ware: general requirements for spare sanitary wares
SASO 2656	Sanitary appliances: method of test for plumbing fixture fittings
SASO 2854	Plastic Toilet Seat and Cover
SASO 2895	Roof, deck, and balcony drains
SASO 2896	Floor and trench drains
SASO 2897	Cleanouts
SASO 2922	Western water closets equipped with a dual flushing device
SASO-GSO-2444	Test Method for Plastic Toilet Seat and Cover
SASO ISO 10545-2/3/4/5/6/7/8/9/10/11/12/13/14/15/16	Ceramic tiles — Part 2: Determination of dimensions and surface quality Part 3: Determination of water absorption apparent porosity apparent

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	<p>relative density and bulk density</p> <p>Part 4: Determining the modulus of rupture and breaking strength</p> <p>Part 5: Determination of impact resistance by measurement of coefficient of restitution</p> <p>Part 6: Determination of resistance to deep abrasion for unglazed tiles</p> <p>Part 7: Determination of resistance to surface abrasion for glazed tiles</p> <p>Part 8: Determination of linear thermal expansion</p> <p>Part 9: Determination of resistance to thermal shock</p> <p>Part 10: Determination of moisture expansion</p> <p>Part 11: Determination of crazing resistance for glazed tiles</p> <p>Part 12: Determination of frost resistance</p> <p>Part 13: Determination of chemical resistance</p> <p>Part 14: Determination of resistance to stains</p> <p>Part 15: Determination of lead and cadmium given off by glazed tiles (Optional)</p> <p>Part 16: Determination of small color differences</p>
SI 1347	Mechanical mixing tap with a single handle
SI 5463	Mixing valve for control temperature in hot water supply piping
SIRIM 9	Thermoplastic Stopvalves for Potable Water Supply in Buildings
SIRIM 11	Specification for Thermoplastic Mechanical Fittings for Plastics Pressure Piping Systems
SIRIM 18	Specification for Corrugated Steel Panel Tanks with Liner for Water Storage
SIRIM 52	Polyethylene (PE) smooth wall pipes for electrical cable installation - specification
SIRIM 53	Unplasticised poly (vinyl chloride) (PVC-U) smooth wall pipes for electrical cable installation - specification
SPAN TS 3004	Water Taps – Single Taps and Combination Taps - Specification
SPAN TS 3005	Shower Outlet for Sanitary Tapware for Water Supply System - Specification
SPAN TS 3010	Copper Alloy Threaded Fittings for Water Industry
SPAN TS 3011	Water Closet Integrated with Hand Basin
SPAN TS 3012	Sanitary Tapware - Delay Action or Self-Closing Valve PN10
SPAN TS 21827-1/2	<p>Specification for Steel Pipes, Fittings and Joints for Water and Sewerage</p> <p>Part 1: Technical Delivery Requirements / Part 2: Tube Requirements</p>
SPS 292	Screw-Down-Fire-Hydrants specification
SS 213	Specification for unplasticized PVC pipes and fittings for soil, waste and vent applications
SS 272	Specification for unplasticised PVC pipes and fittings below ground for drain lines and sewers

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UL 207	STANDARD FOR SAFETY Refrigerant-Containing Components and Accessories, Nonelectrical
WaterSense 01	High-Efficiency Lavatory Faucet Specification
WaterSense 02	WaterSense Specification for Showerheads
WaterSense 03	WaterSense Specification for Tank-Type Toilets
WaterSense 04	WaterSense Specification for Flushing Urinals
WMTS-012	WaterMark Technical Specification for In-line valves for use in plumbing water supply systems - Miscellaneous types metallic and non-metallic
WMTS-030	WaterMark Technical Specification for Solenoid valves
WMTS-037.1	WaterMark Technical Specification for Flow controllers – For controlling flows in cold or heated water systems
WMTS-040	WaterMark Technical Specification for Waste pipe connection outlets and gratings, separate or integral
WMTS-050	Prefabricated modules
WMTS-051	WaterMark Technical Specification for Bidet douche seats
WMTS-101	WaterMark Technical Specification for Appliances (low hazard rating)
WMTS-103	WaterMark Technical Specification for Water treatment systems (other than those specified in AS/NZS 3497)
WMTS-105	WaterMark Technical Specification for Appliances - Beverage dispensers and icemakers, only Section 9 and Appendix A
WMTS-463	Pressure attenuator
WMTS-469	Waterless or limited flush urinals - With an integral sealing device
WMTS-485	Pressure compensating tank
WMTS-489	Stainless steel flexible assemblies for plumbing applications
WSA PS 282	Hydrant and Air Valve Isolator Valves – Drinking Water and Nondrinking Water Supply

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