
**COMMERCIAL PRODUCTS TESTING - PLUMBING
TEST METHOD SELECTION LIST**

Instruction: Check those test methods for which you are requesting accreditation.

<i>NVLAP Test Method Code</i>	<i>Test Method Designation</i>	<i>Short Title</i>
Backflow Prevention Devices - Fittings		
_____ 19/U01	ASME/ANSI A112.18.3M (Sec. 11.1, 11.2, 12.1, 12.2, 14, 15.1, 15.2, 16)	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings
_____ 19/U01a	ASME A112.18.3 (Sec. 11.1)	Check Valves (New and After Durability Tests)
_____ 19/U01b	ASME A112.18.3 (Sec. 11.2)	Vacuum Breakers, Automatic Diverters, and Vents
_____ 19/U01c	ASME A112.18.3 (Sec. 12)	Functional Test of Backflow Prevention Systems
_____ 19/U01d	ASME A112.18.3 (Sec. 14)	Leakage of Protection Systems With Atmospheric Vents
_____ 19/U01e	ASME A112.18.3 (Sec. 15)	Durability Tests
_____ 19/U01f	ASME A112.18.3 (Sec. 16)	Verification of Critical Level (Hose Connected Movable Outlet Faucets with Atmospheric Vents)
_____ 19/U02	ASSE 1001	Pipe Applied Atmospheric Type Vacuum Breakers
_____ 19/U03	ASSE 1002	Anti-siphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tanks
_____ 19/U04	ASSE 1003	Water Pressure Reducing Valves
_____ 19/U05	ASSE 1011	Hose Connection Vacuum Breakers
_____ 19/U06	ASSE 1012	Backflow Preventer with Intermediate Atmospheric Vent
_____ 19/U07	ASSE 1014	Hand-Held Showers
_____ 19/U08	ASSE 1016	Individual Thermostatic, Pressure Balancing, and Combination Pressure Balancing and Thermostatic Control Valves for Individual Fixture Fittings

_____	19/U09	ASSE 1017	Temperature Actuated Mixing Valves for Hot Water Distribution Systems
_____	19/U10	ASSE 1019	Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type
_____	19/U11	ASSE 1021	Drain Air Gaps for Domestic Dishwasher Applications
_____	19/U12	ASSE 1025	Diverters for Plumbing Faucets with Hose Spray, Anti-Siphon Type, Residential Applications
_____	19/U13	ASSE 1035	Laboratory Faucet Backflow Preventers
_____	19/U14	ASSE 1037	Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures
_____	19/U15	ASSE 1066	Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings

Canadian Standards

_____	19/C01	CSA B64.0 (Sec. 6, except 6.11)	Test Methods for Vacuum Breakers and Backflow Preventers
_____	19/C02	CSA B64.1.1 (Sec. 2.2 and 3.)	Vacuum Breakers, Atmospheric Type (AVB)
_____	19/C03	CSA B64.1.2 (Sec. 2.2 and 3.)	Vacuum Breakers, Pressure Type (PVB)
_____	19/C04	CSA B64.2 (Sec. 3)	Vacuum Breakers, Hose Connection Type (HCVB)
_____	19/C05	CSA B64.2.1 (Sec. 3)	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature
_____	19/C06	CSA B64.2.1.1 (Sec. 3.1, 3.2, 4.1 to 4.4)	Vacuum Breakers, Hose Connection Dual Check Type (HCDVB)
_____	19/C07	CSA B64.2.2 (Sec. 3)	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature
_____	19/C08	CSA B64.3 (Sec. 2.2, 3)	Backflow Preventers, Dual Check Valve Type with Atmospheric Port (DCAP)
_____	19/C09	CSA B64.3.1 (Sec. 3)	Backflow Preventers, Dual Check Valve Type with Atmospheric Port for Carbonators (DCAPC)
_____	19/C10	CSA B64.4 (Sec. 2.2, 3)	Backflow Preventers, Reduced Pressure Principle Type (RP)
_____	19/C11	CSA B64.4.1 (Sec. 2.2, 3)	Backflow Preventers, Reduced Pressure Principle Type for Fire Systems (RPF)
_____	19/C12	CSA B64.5 (Sec. 2, 3)	Backflow Preventers, Double Check Valve Type (DCVA)

_____	19/C13	CSA B64.5.1 (Sec. 2.2, 3.1, 3.2)	Backflow Preventers, Double Check Valve Type for Fire Systems (DCVAF)
_____	19/C14	CSA B64.6 (Sec. 2.2, 3)	Backflow Preventers, Dual Check Valve Type (DuC)
_____	19/C15	CSA B64.6.1 (Sec. 2.2, 3)	Backflow Preventers, Dual Check Valve Type for Fire Systems (DuCF)
_____	19/C16	CSA B64.7 (Sec. 2.2, 2.3, 2.4, 2.5)	Vacuum Breakers, Laboratory Faucet Type (LFVB)
_____	19/C17	CSA B64.8 (Sec. 2.2, 2.3, 2.4, 3.2, 3.3, 3.4)	Backflow Preventers, Dual Check Valve Type with Intermediate Vent (DuCV)
_____	19/C18	CSA B64.9 (Sec. 3)	Backflow Preventers, Single Check Valve Type for Fire Systems (SCVAF)
_____	19/C19	CSA B45.0 (Sec. 15, except 15.8.9)	General Requirements for Plumbing Fixtures
_____	19/C20	CSA B45.1 (Sec. 3.1, 3.5, 7)	Ceramic Plumbing Fixtures
_____	19/C21	CSA B45.2 (Sec. 2.1, 2.4)	Enamelled Cast-Iron Plumbing Fixtures
_____	19/C22	CSA B45.3 (Sec. 3.3)	Porcelain-Enamelled Steel Plumbing Fixtures
_____	19/C23	CSA B45.4 (Sec. 3.1, 3.2, 3.5, 5)	Stainless Steel Plumbing Fixtures
_____	19/C24	CSA B45.5 (Sec. 5, except 5.17)	Plastic Plumbing Fixtures
_____	19/C25	CSA B45.6 (Sec. 4)	Nonrecirculating Toilets and Waste-Holding Tanks for Use in Recreational Vehicles
_____	19/C26	CSA B45.7 (Sec. 4)	Self-Contained, Recirculating, Chemically Controlled Toilets for Use in Recreational Vehicles
_____	19/C27	CSA B45.8 (Sec. 3)	Terrazzo Plumbing Fixtures
_____	19/C28	CSA B45.9 (Sec. 3, except 3.1)	Macerating Systems and Related Components
_____	19/C29	CSA B125 (Sec. 6, 7)	Plumbing Fittings

Fixtures

_____	19/F01	ASME A112.18.1M (Sec. 4.2)	Plumbing Fixture Fittings (Coatings, Electrodeposited and Organic Tests)
_____	19/F02	ASME A112.18.1M (Sec. 4.14) (ASSE 1016)	Plumbing Fixture Fittings (Temperature and Pressure Compensating Mixing Valves)

_____	19/F03	ASME A112.18.1M (Sec. 5.2)	Plumbing Fixture Fittings (Strength Tests; Burst, Bending, Thread Torque, and Spout)
_____	19/F04	ASME A112.18.1M (Sec. 5.4)	Plumbing Fixture Fittings (Valve Closure Test)
_____	19/F05	ASME A112.18.1M (Sec. 5.5)	Plumbing Fixture Fittings (Flow Capacity)
_____	19/F06	ASME A112.18.1M (Sec. 5.6)	Plumbing Fixture Fittings (Life Test)
_____	19/F07	ASME A112.18.1M (Sec. 5.7)	Plumbing Fixture Fittings (High Temperature Extreme)
_____	19/F08	ASME A112.18.1M (Sec. 5.8)	Plumbing Fixture Fittings (Intermittent Shock)
_____	19/F10	ASME A112.18.1M (Sec. 5.3)	Plumbing Fixture Fittings (Handle Security Test)
_____	19/F11	ASME A112.18.1 (Sec. 6.4.2)	Plumbing Fixture Fittings (Shower Heads)
_____	19/F12	ASME A112.18.1 (Sec. 6.7.2)	Plumbing Fixture Fittings (Leakage)
_____	19/F14	ASME A112.18.6	Flexible Water Connectors
_____	19/F15	ASME A112.18.1 (Sec. 2.2)	Coatings
_____	19/F16	ASME A112.18.1 (Sec. 2.14)(ASSE 1016)	Temperature and Pressure Compensating Shower Mixing Valves
_____	19/F17	ASME A112.18.1 (Sec. 3.2)	Strength Test
_____	19/F18	ASME A112.18.1 (Sec. 3.3)	Handle Security Test
_____	19/F19	ASME A112.18.1 (Sec. 3.4)	Valve Operating Test
_____	19/F20	ASME A112.18.1 (Sec. 3.5)	Flow Capacity Test Procedure
_____	19/F21	ASME A112.18.1 (Sec. 3.6)	Life Test
_____	19/F22	ASME A112.18.1 (Sec. 3.7)	High Temperature Extreme Test
_____	19/F23	ASME A112.18.1 (Sec. 3.8)	Intermittent Shock Test
_____	19/F24	ASME A112.18.1 (Sec 4.4.2)	Shower Heads

_____ 19/F25 ASME A112.18.1 Backflow Prevention Devices
(Sec. 2.13)

Hydraulic Performance for Water Closets and Urinals

NOTE: If 19/P05, Plastic Water Closet Fixture Performance, is checked, test methods from ASME A112.19.6 are required and must be selected below for Hydraulic Performance Test Methods.

_____	19/W01	ASME A112.19.6 (Sec. 7.1.2)	Laboratory Tests for Waste Removal and Water Consumption (Test Apparatus and General Instructions)
_____	19/W02	ASME A112.19.6 (Sec. 7.1.3)	Laboratory Tests for Waste Removal and Water Consumption (Removal of Solids)
_____	19/W03	ASME A112.19.6 (Sec. 7.1.4)	Laboratory Tests for Waste Removal and Water Consumption (Washing of Flushing Surface-Rim Wash)
_____	19/W04	ASME A112.19.6 (Sec. 7.1.5)	Laboratory Tests for Waste Removal and Water Consumption (Removal of Waste Liquids-Water Change/Dye Test)
_____	19/W05	ASME A112.19.6 (Sec. 7.1.6)	Laboratory Tests for Waste Removal and Water Consumption (Water Consumption and Hydraulic Characteristics)
_____	19/W06	ASME A112.19.6 (Sec. 7.1.7)	Laboratory Tests for Waste Removal and Water Consumption (Drainline Transport Characterization Procedure)
_____	19/W07	ASME A112.19.6 (Sec. 7.1.8)	Laboratory Tests for Waste Removal and Water Consumption (Water Rise)
_____	19/W08	ASME A112.19.6 (Sec. 7.1.9)	Laboratory Tests for Waste Removal and Water Consumption (Rim Top and Seat Fouling)
_____	19/W09	ASME A112.19.1M	Enameled Cast Iron Plumbing Fixtures
_____	19/W10	ASME A112.19.3	Stainless Steel Plumbing Fixtures (Designed for Residential Use)
_____	19/W11	ANSI/ASME A112.19.4M	Porcelain Enameled Formed Steel Plumbing Fixtures
_____	19/W12	ASME A112.19.5	Trim For Water-Closet Bowls, Tanks, and Urinals
_____	19/W13	ASME A112.19.10	Dual Flush Devices for Water Closets
_____	19/W14	ASME A112.19.2 (Sec. 5.1.1)	Test Pressures
_____	19/W15	ASME A112.19.2 (Sec. 8.3)	Trap Seal Restoration

_____	19/W16	ASME A112.19.2 (Sec. 8.4)	Water Consumption
_____	19/W17	ASME A112.19.2 (Sec. 8.5)	Granule and Ball Test
_____	19/W18	ASME A112.19.2 (Sec. 8.6)	Surface Wash Test
_____	19/W19	ASME A112.19.2 (Sec. 8.7)	Mixed Media with Neutrally Buoyant Wastes
_____	19/W20	ASME A112.19.2 (Sec. 8.8)	Drainline Transport Characterization Procedure
_____	19/W21	ASME A112.19.2 (Sec. 10.3)	Trap Seal Depth Determination
_____	19/W22	ASME A112.19.2 (Sec. 10.4)	Urinals Ink Test
_____	19/W23	ASME A112.19.2 (Sec. 10.5)	Urinals Dye Test
_____	19/W24	ASME A112.19.2 (Sec. 10.6)	Urinals Water Consumption
_____	19/W25	ASME A112.19.2 (Sec. 8.1)	General
_____	19/W26	ASME A112.19.2 (Sec. 8.2)	Trap Seal Depth Determination
_____	19/W27	ASME A112.19.6 (Sec. A2.3.1)	Toilet Paper Test

Miscellaneous Plumbing

_____	19/M01	ICC/ANSI A117.1 (Sec. 609, 610)	Buildings and Facilities Providing Accessibility and Usability for Physically Handicapped People
_____	19/M02	ASME/ANSI A112.19.7M (Sec. 5, 7)	Whirlpool Bathtub Appliances
_____	19/M03	ASME/ANSI A112.19.8M (Sec. 4, 5)	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances
_____	19/M04	ASTM F446	Standard Consumer Safety Specification for Grab Bars and Accessories Installed in Bathing Area
_____	19/M05	ASTM F462	Consumer Safety Specification for Slip-Resistant Bathing Facilities
_____	19/M06	ASTM F1807	Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing

_____	19/M07	ASTM F1974	Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe
_____	19/M08	ASTM B456	Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium
_____	19/M09	ASTM B490	Practice for Micrometer Bend Test for Ductility of Electrodeposits
_____	19/M10	ASTM B504	Measurement of Thickness of Metallic Coatings by the Coulometric Method
_____	19/M11	ASTM B571	Practice for Qualitative Adhesion Testing of Metallic Coatings
_____	19/M12	ASTM B604	Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics
_____	19/M13	ASTM B764	Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test)
_____	19/M14	ASTM C282	Acid Resistance of Porcelain Enamels (Citric Acid Spot Test)
_____	19/M15	ASTM C297/C297M	Flatwise Tensile Strength of Sandwich Constructions
_____	19/M16	ASTM C346	45-deg Specular Gloss of Ceramic Materials
_____	19/M17	ASTM D570	Water Absorption of Plastics
_____	19/M18	ASTM D609	Practice for Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products
_____	19/M19	ASTM D1186	Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base
_____	19/M20	ASTM D1598	Time-to-Failure of Plastic Pipe Under Constant Internal Pressure
_____	19/M21	ASTM D1654	Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
_____	19/M22	ASTM D2122	Determining Dimensions of Thermoplastic Pipe and Fittings
_____	19/M23	ASTM D2444	Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

_____	19/M24	ASTM D3311	Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
_____	19/M25	ASTM E805	Practice for Identification of Instrumental Methods of Color or Color-Difference Measurement of Materials
_____	19/M26	ASTM E1164	Practice for Obtaining Spectrophotometric Data for Object-Color Evaluation
_____	19/M27	ASTM E1347	Color and Color-Difference Measurement by Tristimulus (Filter) Colorimetry
_____	19/M28	ASTM G85	Practice for Modified Salt Spray (Fog) Testing
_____	19/M29	ASTM G151	Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
_____	19/M30	ASTM B368	Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)
_____	19/M31	ASTM B380	Corrosion Testing of Decorative Electrodeposited Coatings by the Corrodokote Procedure
_____	19/M32	ASTM D3359	Measuring Adhesion by Tape Test

Plastic Water Closet Fixture Performance

_____	19/P05 **	ANSI Z124.4 (Sec. 2.11) per ASME A112.19.6M (Sec. 7.1)	Plastic Water Closet Bowls and Tanks (Sanitary and Hydraulic Performance of Water Closet Tanks and Bowls)
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** Requires laboratory accreditation for Hydraulic Performance Test Methods, 19/W01-19/W08. Check here if accreditation is requested for 19/P05.

Plastics

_____	19/P01	ANSI Z124.1 (Sec. 4, 5, 6)	Plastic Bathtub Units (Structural Integrity, Physical Characteristics and Material Tests)
_____	19/P02	ANSI Z124.2 (Sec. 4, 5, 6)	Plastic Shower Receptors-Stalls (Structural Integrity, Physical Characteristics and Materials Tests)
_____	19/P03	ANSI Z124.3 (Sec. 4, 5, 6)	Plastic Lavatories (Structural Integrity, Physical Characteristics and Materials Tests)
_____	19/P03a	ANSI/ICPA-SS-1 (Sec. 4, 5, 6)	Performance Standard for Solid Surface Materials (Structural Integrity, Physical Characteristics and Materials Tests)
_____	19/P04	ANSI Z124.4 (Sec. 4, 5)	Plastic Water Closet Bowls and Tanks (Structural Integrity and Physical Characteristics)

_____	19/P06	ANSI/IAPMO Z124.6 (Sec. 4, 5, 6)	Plastic Sinks
_____	19/P07	ANSI/IAPMO Z124.8 (Sec. 4, 5)	Plastic Bathtub Liners
_____	19/P08	ANSI Z124.5	American National Standard for Plastic Toilet (Water Closet) Seats
_____	19/P09	ANSI Z124.7	American National Standard for Prefabricated Plastic Spa Shells
_____	19/P10	ANSI Z124.9	American National Standard for Plastic Urinal Fixtures

Vitreous China Plumbing Fixtures

_____	19/V01	ASME A112.19.2M (Sec. 8.1)	Vitreous China Plumbing Fixtures (Absorption - Boiling)
_____	19/V02	ASME A112.19.2M (Sec. 8.2)	Vitreous China Plumbing Fixtures (Crazing)
_____	19/V03	ASME A112.19.2M (Sec. 8.3)	Vitreous China Plumbing Fixtures (Warpage)
_____	19/V04	ASME A112.19.2M (Sec. 8.7)	Vitreous China Plumbing Fixtures (Load Tests-Wall Hung Products)
_____	19/V05	ASME A112.19.2M (Sec. 8.6)	Vitreous China Plumbing Fixtures (Insulated Tank)
_____	19/V06	ASME A112.19.2M (Sec. 8.5)	Vitreous China Plumbing Fixtures (Closet Auger)
_____	19/V07	ASME A112.19.2 (Sec. 7.1)	Vitreous China Plumbing Fixtures (Absorption - Boiling)
_____	19/V08	ASME A112.19.2 (Sec. 7.2)	Vitreous China Plumbing Fixtures (Crazing)
_____	19/V09	ASME A112.19.2 (Sec. 7.3)	Vitreous China Plumbing Fixtures (Warpage)
_____	19/V10	ASME A112.19.2 (Sec. 7.7)	Vitreous China Plumbing Fixtures (Load Tests - Wall Mounted Fixture Products)
_____	19/V11	ASME A112.19.2 (Sec. 7.6)	Vitreous China Plumbing Fixtures (Insulated Tanks)
_____	19/V12	ASME A112.19.2 (Sec. 7.5)	Vitreous China Plumbing Fixtures (Auger Test)

Waste Fittings

_____	19/A01	ASME A112.18.2 (Sec. 2.3) (ASTM B117)	Corrosion Resistance
_____	19/A02	ASME A112.18.2 (Sec. 3.1.2)	Shower Drain Strainer Load Test
_____	19/A03	ASME A112.18.2 (Sec. 3.1.3)	Hot Oil Test for Plastic Kitchen Sink Strainers
_____	19/A04	ASME A112.18.2 (Sec. 4.3)	Strength Tests
_____	19/A05	ASME A112.18.2 (Sec. 4.4)	Life Cycle Test
_____	19/A06	ASME A112.18.2 (Sec. 4.5)	Leakage Test
_____	19/A07	ASME A112.18.2 (Sec. 4.6)	Thermal Cycling Test