ASSE International

A Limited Liability Company

18927 Hickory Creek Drive, Suite 220  
Mokena, Illinois 60448

# SECTION I

## LABORATORY LISTING AGREEMENT

Revision January 15, 2020

1. This agreement, effective on the date of the last signature set forth below, is between the ASSE International Chapter of IAPMO, LLC (“ASSE”) and the undersigned laboratory whose name appears on the attached Application for Laboratory Listing (“Laboratory”). Listing is solely a representation that the information provided in the attached application meets specific minimum requirements as set forth by ASSE, as determined by ASSE. Listing does not carry any acknowledgment, guarantee, or certification of the undersigned laboratory’s capabilities or performance. The listing under this agreement shall be separate and apart from all ASSE product listings.
2. Listing of Laboratory by ASSE, as indicated by the issuance of a listing certificate constitutes a non-exclusive arrangement by ASSE to accept laboratory evaluation reports prepared by Laboratory in a manner which is consistent with this agreement; listing is conditioned upon full adherence by Laboratory to the this agreement. ASSE reserves the right to refuse to grant a laboratory listing to any individual, or organization, who does not meet the ASSE laboratory listing criteria.
3. Laboratory shall have no right, or license, to use any ASSE mark/s on any product or to license any other person, or entity, to use any ASSE marks. Nothing in this agreement shall be construed to give the Laboratory, or any other person or entity the right, title, or interest in the ASSE certification marks nor any intellectual property owned by or licensed by ASSE. Laboratory agrees that it will not register, or attempt to register, the ASSE certification mark/s in its own name or in the name of any other firm, person, or corporation and that it will not use the ASSE certification mark/s as any part of a corporate name or identity.

### TERMS

1. Subject to the provision of this agreement, the listing granted to Laboratory hereunder (the Laboratory Listing) shall extend for one (1) year from the date of the certificate issued under the terms of this agreement. The listing may be renewed annually subject to the provisions of this agreement.

### GENERAL OBLIGATIONS OF THE LABORATORY

1. The Laboratory may be involved with the testing of products already listed by ASSE or with the testing of products that may be submitted for listing by ASSE. Solely employees of and individuals contracted with Laboratory shall perform testing and sample preparation on any such product or products, and prepare all laboratory evaluation reports for submittal to ASSE in accordance with the criteria and guidelines of ASSE. With each laboratory evaluation report submitted to ASSE, Laboratory shall certify that all sample preparation and all portions of each test performed were under the supervision of Laboratory’s employees.
2. Laboratory acknowledges that, from time to time, ASSE may add to, change, or otherwise modify its testing criteria, reporting guidelines, or the standards to be followed for such testing. Laboratory shall conform with such changes within a reasonable time following written notice thereof by ASSE and Laboratory shall adhere to such changes as if they are part of this agreement at the time of the execution hereof.
3. Under no circumstances shall the Laboratory issue any written or oral statement, including any advertisements or brochures, which explicitly states, or implies, a commercial endorsement, or an expressed or implied warranty for any purpose of any laboratory by ASSE, its management, or any of the committees or boards of ASSE. ASSE does not approve or recommend any laboratory and therefore only the phrases “accepted by”, “accepted for listing by”, or “listed by” are permissible. The use of any language which in any manner tends to be misleading or to enlarge the scope, or intent, of the laboratory listing is strictly prohibited.
4. Laboratory shall not use or display ASSE’s name, or any ASSE mark in any literature or advertising, or on any stickers or decals relating to the laboratory without prior, written permission of ASSE. ASSE reserves the right to approve any text which may incorporate or accompany ASSE’s name, the name of any ASSE publications, or any ASSE certification marks or trademarks. Notwithstanding the foregoing, nothing contained herein is intended to prevent any Laboratory from referring to ASSE Standards as part of its scope of accreditation.
5. Laboratory is not, and shall not, hold itself out as an agent, legal representative, joint venture, partner, employee or servant of ASSE for any purpose whatsoever.

### QUALITY STANDARDS

1. Laboratory shall follow the designated procedures and maintain the quality and accuracy of their testing services in accordance with the current applicable standards recognized by ASSE as the same may be changed from time to time and as incorporated in the documents submitted with requests for evaluation and/or testing pursuant to this Agreement'.
2. Laboratory shall maintain true and accurate books of account and records, showing the quantity and characteristics of products tested by or for the laboratory (in compliance with paragraph 5 hereof) and the results of those test/s. Any attempt to falsify or alter test results or test reports of any kind shall be sufficient grounds for immediate delisting of Laboratory.
3. Laboratory shall promptly furnish to ASSE, in writing, the street address, hours of operation, anticipated closings or shutdowns, and local or state holidays of each facility where testing is being conducted or to be conducted. Laboratory shall include the name and telephone number of the contact person for each such facility, both at the time of application for listing and in the event of any changes in this information.
4. Laboratory shall demonstrate compliance to the latest revision of ANSI/ISO/IEC 17025 being enforced by its accreditor. This shall include proper documentation verifying compliance by an acceptable independent third party laboratory accreditation agency or by recognition by ASSE for compliance to ANSI/ISO/IEC 17025.
5. Laboratory shall permit ASSE to make an initial audit of each of its facilities and relevant records, including test results relating to ASSE applications, and additional audits which shall be conducted within one (1) year of a change in the laboratory’s ability to test to an applicable ASSE or industry standard. “Relevant records” shall be defined in this listing agreement to include any books, records, data, reports, or other information which ASSE reasonably deems applicable or significant to the testing of products that have been submitted to, or accepted for listing, by ASSE under the ASSE product listing program. Laboratory shall not hamper ASSE’s auditor in carrying out such auditors duties. At the time of each audit, the auditor shall have the right of entry to all relevant testing and other relevant areas, full access to all quality control records, test results, and reports and the right to any other services the auditor reasonably deems to be necessary or appropriate for the proper completion of the audit. Such audits may be made at any time during normal business hours, but will be scheduled in advance with the Laboratory by the auditor. Refusal by Laboratory to grant such access to the auditor, or to comply with any of the other requirements of this paragraph, may constitute grounds for immediate delisting.
6. Laboratory may request of ASSE to forego the audit contemplated in paragraph 14 hereof so long as Laboratory maintains accreditation to the latest revision of ANSI/ISO/IEC 17025 being enforced by by an International Lab Accreditation Corporation (ILAC) signatory. With such request Laboratory shall submit to ASSE: a list of accredited capabilities; and the most recent audit report by the ILAC signatory accreditation body. The ultimate decision to forego an audit shall be for ASSE, in its sole discretion.
7. In the event Laboratory disputes the auditor’s findings, Laboratory shall notify ASSE, in writing, within the later of ten (10) days from the date of the audit or ten (10) days from receipt by Laboratory of the auditor’s findings.

### DELISTING

1. Any failure of the Laboratory to meet ASSE’s applicable listing criteria or any breach of the Laboratory’s obligations or other duties under this agreement shall, in addition to other remedies, be sufficient grounds for delisting of the Laboratory by ASSE in its sole discretion and termination of this agreement. In the event of any such failure, or breach, Laboratory shall be notified by ASSE, in writing, of the delisting and the reasons therefore. Laboratory will be given ten (10) days of such notice to appeal the delisting pursuant to Paragraph 21 hereof.
2. If any delisting becomes final, either through failure of the Laboratory to contest the delisting through an appeal process, or the failure of such an appeal, this agreement shall be immediately, and automatically, terminated without further notice to the Laboratory.
3. A new application, additional fees, and an acceptance audit of the Laboratory shall be required in the event of any delisting in order to reinstate the Laboratory listing. In addition to a new application, additional fees, and an acceptance audit, ASSE may require, prior to accepting further laboratory evaluation reports prepared by the Laboratory, proof that adequate measures have been taken by the Laboratory to insure that the causes of prior breaches or failures have been eliminated, including sufficient audits, evaluations, and/or time lapse to provide ASSE with an indication that the Laboratory can maintain compliance in the future.

### APPEAL

1. Within ten (10) days following receipt of notification of delisting, the Laboratory shall have the right to inform ASSE, in writing, if the Laboratory wishes to appeal the delisting and the specific reasons for such appeal. In the absence of such information from the Laboratory, or in the event such information does not meet ASSE’s reasonable requirements, the delisting of the Laboratory shall become final without further notice to the Laboratory. A decision by ASSE accepting, or rejecting, any laboratory for listing, relisting, or delisting shall be final, binding, and conclusive.

### RENEWAL

1. ASSE may renew the laboratory listing (a) at such a time as ASSE has performed an audit of the laboratory’s facilities in compliance with paragraphs 14 or 15 hereof or (b) under such other circumstances as may be set forth in written policies adopted by ASSE from time to time. Upon request by ASSE, Laboratory shall execute and deliver to ASSE additional Laboratory Listing Agreements, certificates, affidavits or other instruments in connection with any such renewal. Whether or not the Laboratory executes or delivers the aforesaid, any renewal of the Laboratory listing shall be deemed a certification by the Laboratory that there are no changes or modifications in, or to, the laboratory or any of its relevant equipment, procedures, or personnel since the date of the initial application for the Laboratory listing (except for such changes, or modifications, as to which the Laboratory has notified ASSE in writing and which have been accepted by ASSE in accordance with the provisions of paragraph 10 hereof). If during any subsequent audit of Laboratory’s facilities, ASSE discovers any such changes, or modifications as to which ASSE was unaware, or as to which ASSE did not previously accept, the Laboratory may be removed from listing by ASSE.

### TERMINATION

1. In addition to the grounds and procedures for delisting and termination stated in paragraphs 17, 18, 19, 20 and elsewhere in this agreement, the Laboratory may be removed from the listing and this Agreement terminated for convenience immediately. In the event that the Laboratory shall become bankrupt, or insolvent, or if the business of the Laboratory shall become placed in the hands of a receiver, assignee for the benefit of creditors, or trustees, by voluntary act of the Laboratory or otherwise all outstanding fees and fees due shall be paid to ASSE before a listing is granted, or before renewal of a listing, and non-payment of any fee shall be grounds for delisting.

### GENERAL PROVISIONS

1. ASSE warrants only that the services provided by ASSE pursuant to this agreement shall be provided in good faith. No other representations or warranties are provided by ASSE with respect to its services and this agreement.
2. The Laboratory hereby waives any claim, or cause of action, against ASSE including any claims or causes based on negligence arising out of any actions, or failures to act, by ASSE in granting, denying, or revoking any listings, except claims based on gross negligence, or lack of good faith, by ASSE. In no event shall ASSE be liable for any consequential, special or indirect damages for any claim, or cause, whether based in contract or tort.
3. The Laboratory shall not represent any product or prepare, package, or deliver any laboratory evaluation reports for products which are deficient in quality, or packaged in a misleading, or deceptive manner, as if they were not deficient, or not packaged, or marked, in a deceptive manner. In addition, the Laboratory shall not otherwise manufacture, prepare, package, sell, deliver, or advertise such laboratory evaluation reports in violation of any applicable law or of this agreement, nor do any other act detrimental to any certification mark/s or to ASSE rights therein or to ASSE by use of the certification marks.
4. Laboratory shall indemnify, defend, hold ASSE and its parents, officers, directors, members, employees, agents and representative (collectively, “Indemnified Parties”) harmless from and against any and all losses, damages, liabilities obligations, costs and expenses (including costs of investigation, defense and reasonable attorney’s fees, whether or not suit is filed) suffered by any of the indemnified parties from the payment of, or the obligation to pay, any and all sums of money due or demanded by any third party whomsoever on account of any claims, demands, suits, actions, liens, settlements, judgments, garnishments, or attachments arising out of, relating to or in connection with (a) errors or omissions made by the Laboratory in connection with its product testing and evaluation services, (b) statements made by the Laboratory to third parties relating to the Laboratory’s participation in the ASSE laboratory listing program and (c) any product tested, or evaluated, by the Laboratory for ASSE pursuant to this agreement, or otherwise. The provisions of this Paragraph 27 shall survive the expiration of the Laboratory listing, any delisting of the Laboratory, and any termination of this agreement.
5. Should either party hereto institute any legal action to enforce any provision hereof, the prevailing party in such action shall receive from the losing party the prevailing party’s costs, expenses, and such amount as the court may adjudge to be reasonable attorney’s fees. Such sums shall be included as part of the judgment.
6. All statements, notices, and other communications which are required, or permitted, hereunder shall be addressed to the parties at their addresses designated in the most current application for laboratory listing, until such addresses are changed by written notice. All notices required, or permitted, hereunder shall be deemed received on the day personally delivered or five (5) days after they are mailed, postage prepaid by first class mail, and correctly addressed.
7. The Laboratory understands that it may have access to and become acquainted with confidential information through its performance under this agreement. The Laboratory agrees that it will maintain as confidential and will not disclose to any third party any such confidential information, either during or after the term of this agreement. The Laboratory understands that information and materials received from ASSE clients in the course of the Laboratory’s performance under this agreement is included within the meaning of this section.

The Laboratory shall not provide any written or oral statement to any third party regarding the proprietary process, materials, procedures or methods used by any ASSE client which the Laboratory has observed or been made aware of in the course of any performance under the terms of this agreement. In addition, the Laboratory shall not release any information regarding the status of testing, inspection, test samples or any other information pertaining to a tested product without the prior written authorization from the testing client.

No termination of this agreement, by expiration or otherwise, shall terminate any of the obligations under this Paragraph 29.

1. In no event shall the Laboratory (a) enter into any contract to provide services other than the testing contemplated hereunder; (b) enter into a joint venture or other partnership or (c) accept employment with any person or organization that owns or maintains a financial interest in any product for which Laboratory is performing testing or evaluation pursuant to this Agreement. The Laboratory shall promptly notify ASSE in the event any attempt is made by any party to influence the laboratory by bribery or any other means with the intent of gaining special favor or treatment from the laboratory. The Laboratory shall immediately notify ASSE of any actual or perceived conflict of interest that may impair its impartial carrying out of any performance pursuant to this agreement.

The Laboratory represents and warrants that there are no agreements to which it is a party which would prevent its timely performance of the terms and conditions of this agreement, and the Laboratory agrees not to enter into any such agreement during the term of this agreement.

1. This agreement, and the documents referenced herein, contain the entire agreement of the parties and supersedes any and all prior or contemporaneous understandings, or agreements (whether written or oral) with respect to the subject matter hereof. This agreement may not be altered, or amended, except by a writing executed by an officer of the parties subsequent hereto.
2. This agreement shall be governed by and construed in accordance with the laws of the State of California.
3. The undersigned representative of the Laboratory certifies that the foregoing provisions have been read and understood and agrees to the foregoing provisions and that the undersigned is duly empowered to execute this agreement on behalf of the laboratory.
4. All testing shall be conducted under the direct responsibility an officer of the company or authorized representative of the laboratory. Upon completion of testing, the Laboratory Evaluation Report Form shall be signed by an authorized representative of the laboratory and forwarded to the ASSE International Office.
5. A laboratory shall be considered an “in-house” laboratory if it controls, is controlled by, or is under common control with a manufacturer of products that fall within ASSE’s accredited scope.

Laboratory Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is the laboratory considered an “in-house” laboratory per SECTION I, paragraph 35?

YES  NO (check one)

Authorized Laboratory Representative

The undersigned, as a duly authorized representative, certifies that this application information has been read, is understood, and, on behalf of the laboratory, approves and agrees to all the foregoing provisions of this application.

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ASSE Executive Director

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Laboratory Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ASSE International

A Limited Liability Company

18927 Hickory Creek Drive, Suite 220  
Mokena, Illinois 60448

# SECTION II

## LABORATORY APPLICATION PROCEDURE

1. Review, complete, sign, and return two copies of the Laboratory Listing Agreement (SECTION I) for countersigning by the ASSE Executive Director. Return one copy each of the Laboratory Information (SECTION III) and the applicable parts of the Laboratories Capabilities (SECTION IV). This agreement is for a single location.
2. Include the resumes of pertinent personnel who will contribute to testing and to the reports that will be submitted to ASSE. This shall include all registered engineers (include a copy of their license or registration), degreed engineers, toxicologists and other technical personnel. Photocopies are acceptable.
3. Include all equipment to be used in testing to the referenced standards and the date and scope of its last calibration. Photocopies are acceptable.
4. Furnish copies of all quality documents and your quality manual. The laboratory quality system shall be in compliance with ANSI/ISO/IEC 17025, latest revision.
5. Furnish a map showing the physical location of the laboratory. The map should include sufficient information for someone unfamiliar with the area to locate the laboratory.
6. Furnish a color photograph of at least 1024 x 640 resolution to represent the laboratory, preferably of the front of the main building, for use on the ASSE website.
7. Submit the laboratory listing fee.

# SECTION III

## LABORATORY INFORMATION

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Street Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ State:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Zip: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E-Mail: \_\_\_\_\_\_\_\_\_\_\_

Owner or Holding Company:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ State: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Zip:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Normal days & hours of operation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of employees at this location:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Duly Authorized

Laboratory Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title of Authorized Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Attach a list of staff members, their titles, and any contracted organizations which will be active in performing testing and sample preparation.

# SECTION IV

## LABORATORY CAPABILITIES – GENERAL INFORMATION

The information in the “Laboratory Capabilities” is intended to represent the current testing capabilities of the laboratory. We define current capabilities as testing that:

1. Can be performed on short notice (i.e. testing started within five days of receipt of samples) using equipment currently owned or under the control of the laboratory or that is immediately available for lease or rental by the laboratory.
2. Existing employees at the laboratory have the firsthand knowledge, experience and expertise to properly perform the testing for which the capability has been examined by ASSE.

Current capabilities do not include:

1. Testing to standards or portions of standards requiring additional expertise that has never been performed by any of the existing employees at the laboratory.
2. Testing using types of test equipment, or test methods, that have never been employed at the laboratory.
3. Testing that will require more than five days to set up for and begin actual test process.

Even though your laboratory may have other capabilities, include only the standards from the list on the following pages, and which your laboratory is currently staffed and equipped to perform testing on. Please note any section, or sections, of the standard that the laboratory does not have the staff or equipment to complete the testing.

1. This is an Application for Listing for a Testing Laboratory.

2. Only one laboratory location is permitted on one application. Laboratories with multiple laboratory locations must submit separate applications for each location.

3. The applicant agrees to furnish all necessary information, equipment calibration certificates, or other documentation as may be required by the ASSE.

4. ASSE reserves the right to refuse to grant a listing to any laboratory which does not meet the ASSE laboratory listing criteria. Submission of all completed forms which are a part of this application and submittal of same to ASSE does not guarantee the laboratory will be accepted for listing by ASSE.

## LABORATORY CAPABILITIES – LIST

Place a check next to the standards the laboratory is capable of testing to. Repeat this application in the future as capabilities are added. The Laboratory shall report any change in the capabilities declared below within thirty (30) days of such change.

Name of Laboratory:

Name(s) of Authorized Representative(s) who Releases Reports:

Name of Toxicologist on Staff or Contracted Toxicologist:

### ASSE Standards

1001 Performance Requirements for Atmospheric Type Vacuum Breakers

1002 ASSE 1002/ASME A112.1002/CSA B125.12 Performance Requirements for Anti-Siphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tanks

1003 Performance Requirements for Water Pressure Reducing Valves

1004 Performance Requirements for Backflow Prevention Requirements for Commercial Dishwashing Machines

1008 Performance Requirements for Household Food Waste Disposer Units

1010 Performance Requirements for Water Hammer Arresters

1011 Performance Requirements for Hose Connection Vacuum Breakers

1012 Performance Requirements for Backflow Preventer with Intermediate Atmospheric Vent

1013 Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers

1014 Performance Requirements Backflow Preventers for Hand-Held Showers

1015 Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies

1016 ASSE 1016/ASME A112.1016/CSA B125.16 Automatic Compensating Valves for Individual Shower & Tub/Shower Combinations

1017 Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems

1018 Performance Requirements for Trap Seal Primer Valves - Potable Water Supplied

1019 Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type

1020 Performance Requirements for Pressure Vacuum Breaker Assembly

1022 Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment

1023 Performance Requirements for Hot Water Dispensers Household Storage Type - Electrical

1024 Performance Requirements for Dual Check Backflow Preventers

1030 Positive Pressure Reduction Devices for Sanitary Drainage Systems

1032 Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers - Post Mix Type

1035 Performance Requirements for Laboratory Faucet Backflow Preventers

1037 ASSE 1037/ASME A112.1037/CSA B125.37 Performance Requirements for Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures

1044 Performance Requirements for Trap Seal Primer Devices - Drainage Types and Electronic Design Types

1047 Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies

1048 Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies

1049 Individual and Branch Type Air Admittance Valves for Chemical Waste Systems

1050 Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems

1051 Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems

1052 Performance Requirements for Hose Connection Backflow Preventers

1053 Performance Requirements for Dual Check Backflow Preventer Wall Hydrants – Freeze Resistant Type

1055 Performance Requirements for Chemical Dispensing Systems

1056 Performance Requirements for Spill Resistant Vacuum Breakers

1057 Performance Requirements for Freeze Resistant Sanitary Yard Hydrant with Backflow Protection

1060 Performance Requirements for Outdoor Enclosures for Fluid Conveying Components

1061 Performance Requirements for Removable and Non-Removable Push Fit Fittings

1062 Performance Requirements for Temperature Actuated Flow Reduction (TAFR) Valves for Individual Fixture Fittings

1063 Performance Requirements for Air Valve and Vent Inflow Preventer

1064 Performance Requirements for Backflow Prevention Assembly Field Test Kits

1066 Performance Requirements for Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings

1069 Performance Requirements for Automatic Temperature Control Mixing Valves

1070 ASSE 1070/ASME A112.1070/CSA B125.70 Performance Requirements for Water Temperature Limiting Devices

1071 Performance Requirements for Temperature Actuated Mixing Valves for Plumbed Emergency Equipment

1072 Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices

1079 Performance Requirements for Dielectric Pipe Unions

1081 Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water Distribution Systems

1082 Performance Requirements for Water Heaters with Integral Temperature Control Devices for Hot Water Distribution Systems

1084 Performance Requirements for Water Heaters with Temperature Limiting Capacity

1085 Performance Requirements for Water Heaters for Emergency Equipment

1087 Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water

1093 ASSE 1093/WSC PAS-97 Performance Requirements for Pitless adapters, Pitless Units, and Well Caps

### Other Industry Standards

AS 4716.8 Multilayer pipes for pressure applications Part 8: Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) Specifications for systems (ISO 17484-1 :2006, MOD)

ASME A112.1.2 Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors

ASME A112.1.3 Air Gap Fittings for use with Plumbing Fixtures, Appliances and Appurtenances

ASME A112.14.1 Backwater Valves

ASME A112.18.3 Backflow Protection Devices and Systems in Plumbing Fixture Fittings

ASME A112.18.7 Deck Mounted Bath/Shower Transfer Valves with Integral Backflow Protection

ASME A112.19.5 Trim for Water-Closet Bowls, Tanks and Urinals

ASME A112.19.10 Dual Flush Devices for Water Closets

ASME A112.21.3M Hydrants for Utility and Maintenance Use

ASME A112.3.1 Stainless Steel Drainage Systems for Sanitary DWV, Storm and Vacuum Applications, Above and Below Ground

ASME A112.36.2M Cleanouts

ASME A112.4.1 Water Heater Relief Valve Drain Tubes

ASME A112.4.2 Water Closet Personal Hygiene Devices

ASME A112.6.1M Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use

ASME A112.18.1/CSA B125.1 Plumbing Supply Fittings

ASME A112.18.2/CSA B125.2 Plumbing Waste Fittings

ASME A112.19.2/CSA B45.1 Ceramic Plumbing Fixtures

ASME A112.19.3/CSA B45.4 Stainless Steel Plumbing Fixtures

ASME A112.19.1/CSA B45.2 Enameled Cast Iron and Enameled Steel Plumbing Fixtures

AWWA C510 Double Check Valve Backflow Prevention Assembly

AWWA C511 Reduced-Pressure Principle Backflow Prevention Assembly

CSA B64 Series Backflow Preventers and Vacuum Breakers (Consists of B64.0, B64.1.1, B64.1.2, B64.1.3, B64.2, B64.2.1, B64.2.1.1, B64.2.2, B64.3, B64.3.1, B64.4, B64.4.1, B64.5, B64.5.1, B64.6, B64.6.1, B64.7, B64.8 and B64.9)

CSA B356 Water Pressure Reducing Valves for Domestic Water Supply Systems

CSA B483.1 Drinking Water Treatment Systems

EPA Micro Microbiological Water Purifiers

IAPMO PS 050 Flush Valve with Dual Flush Device for Water closet or Water Closet Tank with Integral Flush Valve with Dual Flush Device

IAPMO PS 072 Valves with Atmospheric Vacuum Breaker

IAPMO PS 076 Ballcock or Flushometer Valve Tailpiece Trap Primers & Trap Primer Receptors/Adapters

IAPMO PS 079 Multiport Electronic Trap Primer

IAPMO PS 101 Suction Relief Valves

IAPMO PS 113 Hydraulically Powered Household Food Waste Disposers

NSF 3 Commercial Warewashing Equipment

NSF 18 Manual Food and Beverage Dispensing Equipment

NSF 42 Drinking Water Treatment Units – Aesthetic Effects

NSF 44 Residential Cation Exchange Water Softeners

NSF 50 Equipment for Swimming Pools, Spa, Hot Tubs and Other Recreational Water Facilities

NSF 53 Water Treatment Product - Health Effects

NSF 55 Ultraviolet Microbiological Water Treatment Systems

NSF 58 Reverse Osmosis Drinking Water Treatment Systems

NSF 60 Drinking Water Treatment Chemicals - Health Effects

NSF 61 Drinking Water System Components – Health Effects

NSF 62 Drinking Water Distillation Systems

NSF 177 Shower Filtration Systems - Aesthetic Effects

NSF 184 Residential Dishwashers

NSF 372 Drinking Water System Components – Lead Content

NSF 401 Drinking Water Treatment Units - Emerging Compounds/Incidental Contaminants

NSF P231 Microbiological Water Purifiers

NSF P473 Drinking Water Treatment Units – PFOA & PFOS

WQA S-100 Household, Commercial, and Portable Exchange Cation Exchange Water Softeners

WQA S-200 Residential and Commercial Water Filters

WQA S-300 Point-of-use Low Pressure Reverse Osmosis Drinking Water Systems

WQA S-400 Point-of-use Distillation Drinking Water Systems

Limitations:

Test Methods for Metal Analysis: