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DEPARTMENT OF
BUILDING AND SAFETY
201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

FRANK M. BUSH
GENERAL MANAGER
SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.
EXECUTIVE OFFICER

June 19, 2017

QAI Laboratories, Inc.
1325 N. 108th E Ave.
Tulsa, OK
USA, 74116

Attn: Mr. Jared Johnson,

This is to notify you that QAI Laboratories, Inc. at the following locations:

- | | |
|--|---|
| (1) QAI Laboratories, Inc.
3980 North Fraser Way
Burnaby, British Columbia
Canada V5J 5K5 | (2) QAI Laboratories, Inc.
1325 N. 108 th E Ave.
Tulsa, OK
USA, 74116 |
|--|---|

have been approved by the City of Los Angeles Department of Building and Safety's Mechanical Testing Laboratory as a **Recognized Listing Agency** for **plumbing products** to the approved standards specified in the attached list.

This approval is granted under the provisions of Section 98.0503 of the Los Angeles Municipal Code, and is valid for a period of one year. To maintain your approval, an application for renewal must be submitted to the Department prior to the expiration date.

A Certificate of Approval is enclosed for your office use. The seal of the City of Los Angeles shall not be reproduced for use in labeling or advertising, but copies of the Certificate of Approval may be used within your organization and shown as evidence of approval.

Sincerely,

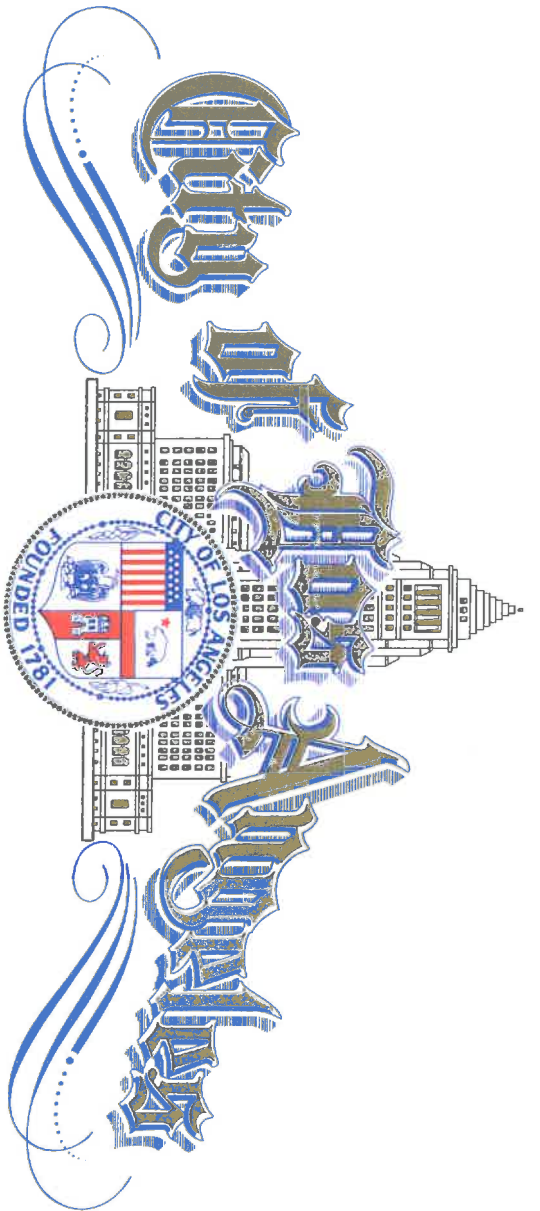
Domenico Barbato, Chief
Mechanical Division

QAI Laboratories, Inc.
List of Approved Plumbing Standards
7/1/17-7/1/18

Standard Number	Standards Title
ASME A112.1.2	Air Gaps in Plumbing Systems
ASME A112.1.3	Air Gap Fittings for use with Plumbing Fixtures, Appliances, and Appurtenances
ASME A112.3.1	Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above- and Below Ground
ASME A112.3.4/ CSA B45.9	Plumbing Fixtures with Pumped Waste and Macerating Toilet Systems
ASME A112.6.1M	Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use
ASME A112.6.2	Framing-Affixed Supports for Off-The Floor Water Closets with Concealed Tanks
ASME A112.6.3	Floor and Trench Drains
ASME A112.6.4	Roof, Deck, and Balcony Drains
ASME A112.6.7	Sanitary Floor Sinks
ASME A112.14.1	Backwater Valves
ASME A112.18.1 / CSA B125.1	Plumbing Supply Fittings
ASME A112.19.1 / CSA B45.2	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures
ASME A112.19.2 / CSA B45.1	Ceramic Plumbing Fixtures
ASME A112.19.3 / CSA B45.4	Stainless Steel Plumbing Fixtures
ASME A112.19.5	Flush Valves and Spuds for Water Closets, Urinals, and Tanks
ASME A112.19.10	Dual Flush Devices for Water Closets
ASME A112.19.14	Six Liter Water Closets Equipped With Dual Flush Device
ASME A112.19.15	Bathtubs/Whirlpool Bathtubs with Pressure Sealed Doors
ASME A112.19.19	Vitreous China Nonwater Urinals
ASSE 1001	Atmospheric Type Vacuum Breakers
ASSE 1002	Anti-Siphon Fill Valves for Water Closet Tanks
ASSE 1003	Water Pressure Reducing Valves for Domestic Water Distribution Systems
ASSE 1010	Water Hammer Arresters
ASSE 1011	Hose Connection Vacuum Breakers
ASSE 1012	Backflow Preventers with Intermediate Atmospheric Vent
ASSE 1013	Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers
ASSE 1014	Backflow Prevention Devices for Hand-Held Shower
ASSE 1015	Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies
ASSE 1016	Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations
ASSE 1017	Temperature Actuated Mixing Valves for Hot Water Distribution Systems
ASSE 1018	Trap Seal Primer Valves - Potable Water Supplied
ASSE 1019	Wall Hydrant with Backflow Protection and Freeze Resistance
ASSE 1020	Pressure Vacuum Breaker Assembly

ASSE 1023	Hot Water Dispensers Household Storage Type - Electrical
ASSE 1024	Dual Check Backflow Preventers
ASSE 1032	Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type
ASSE 1035	Laboratory Faucet Backflow Preventers
ASSE 1037	Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures
ASSE 1044	Trap Seal Primer Devices - Drainage Types and Electronic Design Types
ASSE 1047	Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies
ASSE 1048	Double Check Detector Fire Protection Backflow Prevention Assemblies
ASSE 1052	Hose Connection Backflow Preventers
ASSE 1055	Chemical Dispensing Systems
ASSE 1056	Spill Resistant Vacuum Breaker Assemblies
ASSE 1057	Freeze Resistant Sanitary Yard Hydrants with Backflow Protection
ASSE 1061	Push-Fit Fittings
ASSE 1062	Temperature Actuated Flow Reduction (TAFR) Valves for Individual Fixture Fittings
ASSE 1066	Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings
ASSE 1070	Water Temperature Limiting Devices
ASTM C1277	Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings
ASTM D1785	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D2239	Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
ASTM D2241	Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)
ASTM D2513	Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings
ASTM D2665	Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2737	Polyethylene (PE) Plastic Tubing
ASTM E84	Surface Burning Characteristics of Building Materials
ASTM F409	Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings
ASTM F446	Grab Bars and Accessories Installed in the Bathing Area
ASTM F1412	Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems
CSA B45.5 / ANSI Z124	Plastic Plumbing Fixtures
CSA B45.11 / IAPMO Z401	Glass Plumbing Fixtures
CSA B64.1.1	Atmospheric Vacuum Breakers (AVB)
CSA B64.1.2	Pressure Vacuum Breakers (PVB)
CSA B64.2	Hose Connection Vacuum Breakers (HCVB)
CSA B64.2.1.1	Hose Connection Dual Check Vacuum Breakers (HCDVB)
CSA B64.4	Reduced Pressure Principle (RP) Backflow Preventers

CSA B64.4.1	Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)
CSA B64.5	Double Check Valve (DCVA) Backflow Preventers
CSA B64.5.1	Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)
CSA B64.7	Laboratory Faucet Vacuum Breakers (LFVB)
CSA B79	Commercial and Residential Drains and Cleanouts
CSA B125.3	Plumbing Fittings
EPA Watersense - 2007	High-Efficiency Lavatory Faucet Specification
EPA Watersense - 2009	Specification for Flushing Urinals
EPA Watersense - 2011	Specification for Tank-Type Toilets
IAPMO IGC 157	Ball Valves
IAPMO PS 34	Encasement Sleeve for Potable Water Pipe and Tubing
IAPMO PS 52	Pump/Dose, Sumps and Sewage Ejector Tanks with or without a Pump
IAPMO PS 54	Metallic and Plastic Utility Boxes
IAPMO PS 59	Wastewater Diverter Valves and Diversion Systems
IAPMO PS 65	Airgap Units for Water Conditioning Equipment Installation
IAPMO PS 67	Early-Closure Replacement Flappers or Early-Closure Replacement Flapper with Mechanical Assemblies
IAPMO PS 69	Bathwaste and Overflow Assemblies with Tub Filler Spout
IAPMO PS 72	Valves with Atmospheric Vacuum Breakers
IAPMO PS 79	Multiport Electronic Trap Primer
IAPMO PS 90	Elastomeric Test Caps, Cleanout Caps, and Combination Test Caps/Shielded Couplings
IAPMO PS 94	Insulated Protectors for P-Traps, Supply Stops, and Risers
IAPMO PS 95	Drain, Waste, and Vent Hangers and Plastic Pipe Support Hooks
IAPMO PS 98	Prefabricated Fiberglass Church Baptisteries
MSS SP-67	Butterfly Valves
NSF / ANSI 61	Drinking Water System Components - Health Effects



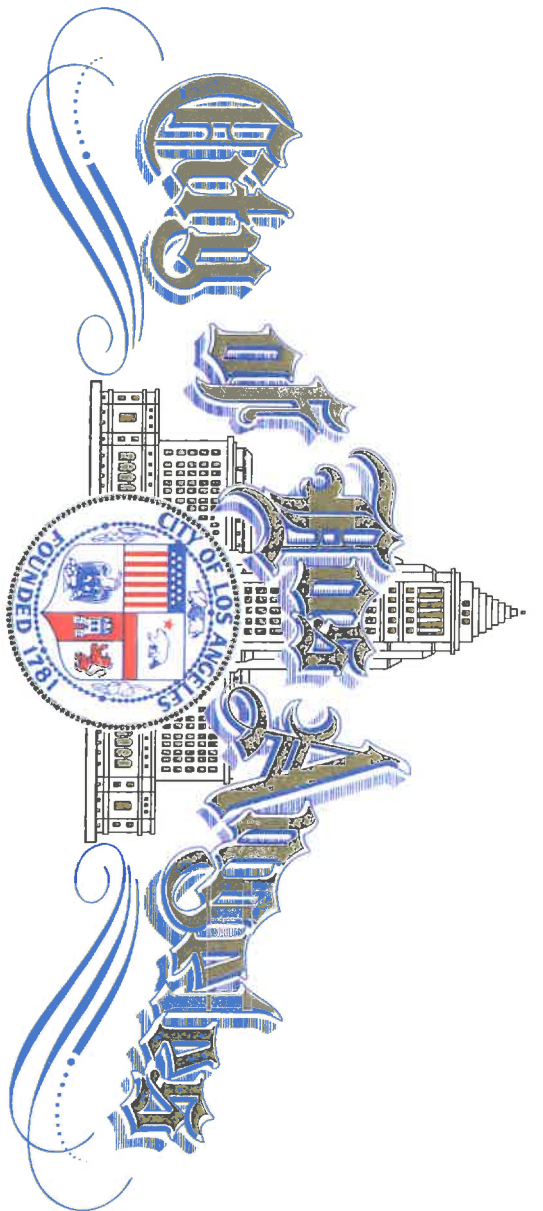
**Department of Building and Safety
Certificate of Approval**

THIS CERTIFIES THAT _____ OAI Laboratories, Inc. _____ LOCATED
AT _____
3980 North Fraser Way, Burnaby, British Columbia, Canada V5J 5K5
IS APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY UNDER
THE PROVISIONS OF SECTION _____ OF THE LOS ANGELES
MUNICIPAL CODE AS A _____ Listing agency for the plumbing standards on the attached list.

DATE: _____
Effective Date: July 1, 2017
ANNUAL RENEWAL. Expiration Date: July 1, 2018

Domenico Barbato
Domenico Barbato, Chief
Mechanical Division

THIS CERTIFICATE IS THE PROPERTY OF THE CITY OF LOS ANGELES
AND MAY BE REVOKED FOR ANY OF THE CAUSES SET FORTH IN ARTICLE 8, CHAPTER 9 OF LAMC.



**Department of Building and Safety
Certificate of Approval**

THIS CERTIFIES THAT QAI Laboratories, Inc. LOCATED

AT 1325 N. 108th E. Ave., Tulsa, OK 74116

IS APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY UNDER
THE PROVISIONS OF SECTION 98.0503 OF THE LOS ANGELES
MUNICIPAL CODE AS A Listing agency for the plumbing standards on the attached list.

DATE: **Effective Date:** July 1, 2017
Annual Renewal: Expiration Date: July 1, 2018

Domenico Barbato
**Domenico Barbato, Chief
Mechanical Division**

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