



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

IAPMO EGS
5001 E. Philadelphia St.
Ontario, CA 91761

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1887

Certificate Number

ANAB Approval

Certificate Valid To: 09/03/2016

Version No. 004 Issued: 08/28/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated January 2009*).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

IAPMO EGS

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TESTING

Valid to: September 3, 2016

Certificate Number: AT - 1887

I. Product Safety, Energy Star, California Energy Commission (CEC), and Plumbing Fixtures

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Product Safety	Pool and Spa Equipment: Blowers, Controls, Hot Tub and Spa Equipment Assemblies, Ozone Generators, Self-Contained Spas, Heaters, Junction Boxes, Swimming Pool And Spa Cover Operators, Electric, Pumps, Swimming Pool and Spa Transformer, Underwater Luminaires, Water Softeners, Demineralizers And Water Treatment Units and Equipment; Water Treatment Units Employing Ozone Generation, Electrically Operated Liquid Pumps, Decorative Fountains, Safety Covers for swimming pools, spas and hot tubs	Electrical, Mechanical, Heating and Environmental Test	UL 1563, CAN / CSA C22.2 No. 218.1, CAN/CSA C22.2 No. 113, UL 1261, CSA-B140.12, CAN/CSA- C22.2 No. 64, UL 1241, CSA C22.2 No. 89, CAN/CSA-C22.1, UL Subject 2452, UL 1081, UL Subject 379, UL 676, CSA C22.2 No. 89, UL 979, UL 778, CAN/CSA C22.2 No. 108, CAN/CSA-C22.2 No. 68, ASTM F1346	Digital Multimeter, Leakage Current Meter, Ozone Meter, Conductivity meter, force gauge, power meter, temperature / humidity meter, safety analyzer, pressure and vacuum gauge, scale, calipers, torque wrench, digital protractor, UV chamber, torque wrench stopwatch and oven, Timmy doll



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Product Safety	Bathtub Equipment: Hydromassage bathtubs, Steam Bath Equipment, Immersion Type Liquid Heaters, Industrial, Sauna Heating Equipment	Electrical, Mechanical, Heating and Environmental Test	UL 1795, CSA-C22.2 No. 218.2, ANSI/UL 499, CAN/CSA C22.2 No. 64, CSA-C22.2 No. 72, CSA-C22.2 No. 88 ANSI/UL 875, CAN/CSA-C22.2 No. 164	Digital Multimeter, Leakage Current Meter, Conductivity meter, force gauge, power meter, temperature / humidity meter, safety analyzer, pressure and vacuum gauge, calipers, torque wrench, digital protractor, UV chamber, stopwatch, scale and oven
Product Safety	Plumbing Accessories including irrigation equipment, sprinkler controls, water controls located in kitchens and bathrooms, electric faucets, toilet-flushing systems, lawn sprinklers, plumbing controls, hydromassage chairs and pedicure spas; Personal Hygiene and Health Care Appliance such as toothbrushes, oral irrigation appliances, denture cleaners, hydromassage units	Electrical, Mechanical, Heating and Environmental Test	ANSI/UL 1951, CAN/CSA C22.2 No. 14, CAN/CSA C22.2 No. 68, UL 1431, CSA C22.2 No. 64, CSA C22.2 No. 68, CSA C22.2 No. 224	Digital Multimeter, Leakage Current Meter, Ozone Meter, Conductivity meter, force gauge, power meter, temperature / humidity meter, safety analyzer, pressure and vacuum gauge, calipers, torque wrench, digital protractor, UV chamber, stopwatch, scale and oven
Plumbing Products Fixtures and Fittings	Aboveground Portable Pools for Residential Use Equipment; Aboveground / Onground Residential Swimming Pools Equipment; Domestic Pools and Spas	Mechanical and Performance	ASTM F2666, ANSI/APSP-4 EN 16713-2 EN 16713-1	Weights Pocket Colorimeter, Force Gauge, Measuring Tape, Stopwatch, Pressure Gauge, Flow Meter, Scale, Temperature Reader, Turbidity Meter, Timer and Counter
Plumbing Products Fixtures and Fittings	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs; Skimmers	UV Testing, Material, Impact, Deflection, Load, Vacuum, Hair and Body Entrapment. Digit Entrapment	APSP-16, AS 1926.3	UV Chamber, flow meters, pressure gauges, weights, dial gauge , timer
Energy Star [®] Appliances ⁴	Water Coolers	Performance	ENERGY STAR [®] Program Requirements Product Specification for Water Coolers Version 2.0	Power Meter, digital multimeter, temperature / humidity meter, stopwatch

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Energy Star® Appliances ⁴	Clothes Washers	Performance	ENERGY STAR® Program Requirements Product Specification for Clothes Washers Version 5.1	Power Meter, flow meter, water meter, digital multimeter, temperature / humidity meter, stopwatch
Energy Star® Appliances ⁴ California Energy Commission (CEC)	Pool Pumps	Performance	ENERGY STAR® Program Requirements Product Specification for Pool Pumps Version 1.1 CEC 2015 Appliance Efficiency Regulations Article 1604g(3)	Digital multimeter, conductivity meter, power meter, temperature / humidity meter, pressure & vacuum gauge
Energy Star® Appliances ⁴	Refrigerators and/or Freezers	Performance	ENERGY STAR® Program Requirements Product Specification for Residential Refrigerators and Freezers Version 4.1	Power Meter, digital multimeter, temperature / humidity meter, stopwatch, scale, oven
Energy Star® Commercial Food Service Equipment ⁴	Commercial Refrigerators and Freezers ³	Performance	ENERGY STAR® Program Requirements Product Specification for Commercial Refrigerators and Freezers Version 2.1	Power Meter, digital multimeter, temperature / humidity meter, stopwatch, scale, oven
Energy Star® Home Electronics ⁴	Battery Charging Systems	Performance	ENERGY STAR® Program Requirements Product Specification for Battery Charging Systems Version 1.1	Power Meter, digital multimeter, temperature / humidity meter, stopwatch
California Energy Commission (CEC)	Portable Electric Spa	Performance	CEC 2015 Appliance Efficiency Regulations Article 1604g(2)	Digital multimeter, power meter, temperature logger, walk in chamber

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1887
3. Energy Star Commercial Refrigerators and Freezers include requirements for both solid and glass door cabinets.
4. Laboratory has been evaluated and meets the Conditions and Criteria for recognition of Laboratories for the ENERGY STAR® Program.
5. All standards listed are to the latest revision (within 1 year of date of issue) unless specifically stated on this scope document.
6. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1887.

Karl Greenway

Vice President