



## IAPMO R&T Lab is a Nationally Recognized Testing Laboratory accredited by the following:

ANAB (ISO/IEC 17025)

Note: ANAB recognition covers many agencies/jurisdictions who require the laboratory must be listed by an agency which provides accreditation to ISO/IEC 17025.

The ANAB recognition is accepted by ILAC, APLAC, and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test and calibration data internationally.

EMA® entidad mexicana de acreditación, a.c. under the guidelines of ISO/IEC 17025 for testing to NOM-005-CNA-1996, NOM-008-CNA-1998, NOM-009-CNA-2001, NOM-010-CNA-2000, and NMX-C-415-ONNCCE-2015



## RECOGNITIONS

IAPMO R&T Lab's test reports are recognized or accepted by the following agencies:\*

- IAPMO R&T Inc. (UPC, UMC, USEC, USPC)
- IAPMO R&T Oceana (Australia)
- American Society of Sanitary Engineering (ASSE)
- City of Los Angeles
- United States Department of Energy
- United States Federal Trade Commission
- SAI Global, Australia
- California Energy Commission
- States of Michigan and Massachusetts

\* Please check with the IAPMO R&T Lab for the scope of testing for these agencies as it is updated constantly.



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***Our people make the difference.  
There is no substitution for experience.***



IAPMO has been serving the plumbing and mechanical industry for over 80 years. IAPMO R&T Lab, a division of the IAPMO Group, is a major resource for independent testing, research and technical services.

The goal of the organization is to provide quality testing services at a reasonable price, in a timely manner. One-Stop-Testing is available for manufacturers, distributors and importers of fittings to conduct testing and receive product listing/certification (by IAPMO R&T) in the United States, Canada, Mexico and IAPMO Oceana in Australia.

The IAPMO R&T Lab laboratory is well outfitted with state-of-the-art equipment to evaluate all types of fittings and provide a wide range of testing services, including: Pressure Testing, Temperature Testing, Thermal Cycle Testing, Impact Testing, Load Testing, Material Testing, Water Filtration Testing, Coating Testing, Corrosion Testing and Chemical Testing.

# PLUMBING FITTINGS



## Plumbing Fitting Testing

IAPMO R&T Lab is committed to accurately testing a wide variety of plumbing fittings, to a variety of standards. We have over 25 years of personal experience in evaluating and testing your plumbing fittings such as kitchen faucets, lavatory faucets, tub/shower faucets, bidet faucets, showerheads, waste fittings, drains, pipe and fittings for potable water (PVC, CPVC, PEX, copper, brass, stainless steel), valves, DWV and sewer pipe, fittings and connectors, temperature compensating valves, backflow prevention devices, water pressure reducing valves, hot water dispensers, hot water circulation devices, pressurized flushing devices, safety shut-off valves and various water connectors. IAPMO R&T Lab is a one-stop testing facility, dedicated to providing the highest quality service at reasonable prices, all in a timely manner.

# PLUMBING FIXTURES



## Plumbing Fixture Testing

IAPMO R&T Lab is committed to accurately testing a wide variety of plumbing fixtures, to a variety of standards. We have over 25 years personal experience in evaluating and testing your sanitary wares, such as spas, whirlpool bathtubs, shower systems, water closets, urinals, lavatories, kitchen sinks, service/laundry sinks, wash fountains, drinking fountains and bidets: IAPMO R&T Lab is a One-Stop-Testing facility, dedicated to providing the highest quality service at reasonable prices, in a quick timeframe.

# MATERIALS TESTING



## NSF/ANSI 61 Testing

NSF/ANSI Standard 61 covers indirect additive products and materials, including process media, protective materials, joining and sealing materials, pipes and related products, mechanical devices and mechanical plumbing devices. In essence, every material in contact with water from the supply line including valves, piping and faucets is covered.

NSF/ANSI Standard 61 addresses the crucial aspect of drinking water system components; whether contaminants many migrate from the product/material into the drinking water and if so are the concentrations above acceptable levels in finished water. Obtaining NSF/ANSI certification is critical for any company selling drinking water products/ components within the United States and Canada.

## Lead Law Testing

IAPMO R&T Lab is capable of conducting material testing in accordance with the Federal lead Law, California Health and Safety Law 116875, Vermont Lead Reduction Law , Maryland Lead Reduction Law, Louisiana Lead Reduction Law and NSF/ANSI 372.

## Water Systems

When it comes to water systems and components IAPMO R&T Lab has unmatched speed that helps put your products on the market fast.

- Drinking Water Treatment Units can be tested to:
  - NSF/ANSI 42,44,53,55,58 and 62
  - WQA S-100, S-200, S-300 and S-400
  - CAN/CSA B483.1
- Shower Filers – NSF/ANSI 177
- Microbiological Purifiers – NSF P231

# WITNESS & FIELD TESTING



## Witness & Field Testing

In addition to on-site testing at our state-of-the-art laboratory, IAPMO R&T Lab offers convenient Witness and Field Testing services to help manufacturers get their products evaluated in the fastest and most economical way possible. Witness Testing is a smart, cost-effective alternative to shipping large or bulky items to a test lab. An IAPMO R&T Lab engineer will come directly to your facility to witness testing performed by your personnel, utilizing your equipment and test set-up for your standard of choice. Our representatives work with your staff to resolve any problems, failures, or issues that may arise during testing.

For manufacturers with a product that cannot be shipped to our lab and must be tested on site, we also offer Field Testing services. An IAPMO R&T Lab engineer will visit the designated site and perform testing to all applicable standard(s).

All data collected is used to generate a formal IAPMO R&T Lab test report, which can be sent to any accredited agency for product listing and certification.

## Quality Control Services

Quality control services from IAPMO R&T Lab help ensure your company’s adherence to your standard of choice. Boost sales by demonstrating continuous compliance to the latest standards, and reduce product returns related to manufacturing problems. Our convenient Witness and Field Testing services can help ensure compliance to standards and also assess whether proper production procedures are being followed.

# THE IAPMO R&T LAB DIFFERENCE

Our in-house laboratory engineers and technicians are well versed in all types of testing procedures. Whether it is mechanical, chemical, pneumatic, electrical, automation or machining, our equipment specialists are experts in building and modifying test equipment to meet special needs. The IAPMO R&T Lab testing equipment is ready for round-the-clock testing without any interruption.

Our experienced staff listens to your needs and helps you create the simplest testing program to reduce costs and shorten the time needed to complete the necessary tests. We put our expertise to work for you.

IAPMO R&T Lab streamlines your testing and certification process with IAPMO R&T for the U.S. Mexico, and Canada. This significantly reduces your cost and time to market.

## IAPMO R&T Lab – Our Broad Range of Services:

- **Product Testing** – We test to nationally recognized standards such as NSF/ANSI 61 , NSF/ANSI 14, ASME/ANSI, ASSE, ASTM, CSA, MSS, NOM and IAPMO (PS, TS, and IGC). Products tested to these standards are generally for listing and certification purposes.
- **Quality Assurance Testing/Evaluation** – This type of testing is usually conducted at the request of a manufacturer or supplier who wishes to ensure that models being produced or received are in compliance with the current standards or manufacturer’s own specification. On-site visits of manufacturing locations are also available to assist manufacturers with their in-house quality control system.
- **Pre-testing Evaluation, Research/Development, and Prototype Testing** – Testing of proto-type units for compliance to standards can be costly. At IAPMO R&T Lab we offer a pre-evaluation service that includes evaluation of a product to the UPC as well as to the applicable test standard. The evaluation may include quality control and research and development testing to assist manufacturers in bringing the product into compliance with standards and codes. This prototype testing can help ensure that production models will also comply with the applicable standards. Pre-testing and evaluation can also help ensure that products from overseas will comply with our standards.
- **Failure Analysis Testing** – We can test products to the maximum limit to determine a point of failure and generate an evaluation to determine the reasons or cause of the failure.
- **Independent Witness Testing** – Our engineers visit the manufacturer’s facility or on-site location to test and evaluate products.
- **Liaison Services** – IAPMO R&T Lab acts as a liaison between manufacturers and listing agencies. This may include assisting manufacturers with the preparation of submittal packages, typing applications, and delivery of product and applications to various agencies as well as follow-up with the various agencies until certification/listing is granted.
- **Test Kit Services** – Complete and partial test kits for water closets and urinals are available.