



PRECISION TESTING



Precision Testing services:

- Valve Testing to International and end user standards
- Valve testing, modification & repair services for end users
- Validation and Verification testing to comply with international design codes and quality standards
- High (850F(454C) to Low -100F(-73C) performance testing (API PR2) - Large Temperature Chamber 6'x4'x4' inside
- Custom Programs and Solutions to meet all your requirements
- Aging Plant Valve maintenance and testing



Contact us today: 1 337.321.6483

About Us

Our mission

Our mission is to bring high quality testing and verification services to the Valve industries. We separate ourselves from the others with superior high-quality customer service.

Who we are

Our team brings decades of experience in the valve industries, including sales and marketing, purchasing, engineering and operating testing facilities. We've worked with the smallest companies helping them get started and the largest companies helping them stay in compliance and remaining competitive.

Our clients span the globe and we are well versed in the international standards. We understand what it takes to remain current and how to help you get the most value from your testing dollars. Our unique experience allows us to help you evaluate the results of the testing so that you can make any changes or improvements. In other words, your success is our success.

Our Facilities

Our Facilities are modern and well equipped. We currently occupy 12,000 sq. feet in Broussard Louisiana.

Our testing stations include: (We are constantly improving and adding equipment so if you don't see what you need please call.)

A large Thermo-Cycling chamber: 4' x 4' x 6' internal dimensions, -100F(-75C) to 850F(345C). Ideal for 'performance testing' of valves under-pressure through the design temperature range. Typical testing includes—API 6A PR2, ISO 15848, Shell 77/312, API 622 Fugitive Emission and specific validation and verification requirements. Type Approval Testing (TAT).

Valve Fire-Testing Station: Valve fire testing to API 6FA, API 6FD, API 607, ISO 10497

Valve Testing Station: Suitable for production type testing—API 598, B16.34, API 6D, API 6A and others.

Torque Testing Station: Used to measure valve torques at various working pressures. The output can be used to establish torque 'formulas' for more accurate actuator sizing. Also used as part of the validation and verification requirements.

Cycle Testing Station: Used to find the operational limitations of Seats and seals and other moving parts. Can be performed at working temperatures and with water or gas. Also used as part of the validation and verification requirements.

Gate & Globe Valve Stem and Packing Test Station: Used to measure stem and packing performance at various working pressures and temperatures. Used as part of the validation and verification requirements.

Fugitive Emission Testing Station: Used to verify the compliance with ISO 15848, Shell 77/312, API 622, API 624, API 641 and other international standards. Used as part of the validation and verification requirements.

Gas Testing Station: High and low gas pressure testing. Suitable for API 3G testing up to 25,000 psi. Low pressure testing to verify metal seat performance. There are multiple reasons for using gas when testing valves. We offer Air, Nitrogen and Helium testing. Used as part of the validation and verification requirements.

Cryogenic Testing Station: This station has the ability to test valves at -300F(-185) using Nitrogen or Helium. Leakage rates thru the Seats and Leakage thru the packing can be measured. Used as part of the validation and verification requirements.

CO2/Explosive Decompression Station: Testing at this station verifies the effectiveness of the design as it relates to rubber seals, usually O-rings. The valve is pressurized and stabilized for a set time then pressure is released abruptly. The valve is then dis-assembled and the seals are inspected for explosive decompression. Used as part of the validation and verification requirements.

Destructive Testing Station: Valves are subjected to pressure until failure. Verifies the extreme limits of the design. Used as part of the validation and verification requirements

Custom Testing: We will work with you and develop testing programs to help you improve your designs and your products.

API 591 Testing: Turnkey one stop testing to satisfy all the requirements of API 591 Process Valve Qualification Procedures.

