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Special points of interest:

- Low Temperature Chamber
-100 deg F.
- High Temperature Chamber
+850 deg F.
- 3rd Party Testing
- See our Web Site at
www.precisiontestingllc.com
- Tension and Compression
Testing

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PRECISION TESTING LLC EXPANDS TEST OFFERING

Product Testing at Working Temperature Extremes

Precision Testing continues to grow and expand our product offering. Our new temperature and pressure testing chamber is installed and ready to go. The chamber is capable of working at -100 deg F to +850 deg F. The chamber inside dimensions are: 4' x 4' x 6' which will accommodate a large range of valves and other equipment such as Downhole Valves.

The Chamber has several openings that allow for automation and other controls to be mounted outside the chamber, isolating them from temperature extremes.

The automated controls allow us to control the temperatures while ramping up or down at various rates.

Combining this with our other equipment allows testing to be performed with Liquids or Gases from low pressures up to 25,000 psi. We can add our cycle counters and torque measuring devices for even more validation data.

We have several customized tests upcoming and look forward to performing many API PR2 and other validation tests in the future.



Performance Verification chamber -100f to +850f
and API 6A Appendix F PR-2 Testing

If you have a need to test your products at working temperature to complete your validation and verification process now is a great time to call us and discuss how we can help. We have a full staff very familiar with international design standards and product testing. We can customize a test or perform one targeted toward a specific standard or industry. This includes doing destructive testing ie... blowing up equipment thru over-pressuring or over torquing the stem to find the weakest point of failure.

We will supply complete reports detailing the results and provide certificates of conformance where required.

3RD PARTY TESTING FOR MAJOR OIL COMPANIES

Currently Precision Testing is performing 3rd party valve and equipment testing to verify that products work prior to putting them in service. Due to failures of new products in the field major oil companies are resorting to having all of their new valves pre-tested by a third

party company and witnessed by a company inspector. We provide the facility and equipment and perform these tests documenting the results and helping eliminate bad product from reaching the job site. These additional tests have proven themselves many

times and saved the end user significant money and time by finding the problem products early in the process. This aids both the manufacturer and the end user. Call us to see how we can save you time and money by being pro-active instead of re-active.

EXPANDED TESTING CAPABILITIES



Industry Standard Testing

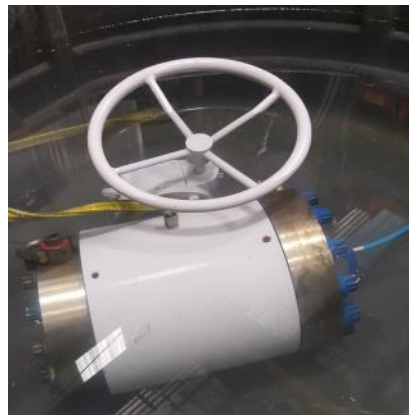
- **Fire Testing** — API 607- 7th, API 6FA, API 6FD, ISO 10497- 3rd and modified versions to test specific attributes of valves.
- **Hydrostatic Testing** — API 6A, 6D, 598 and ASME B16.34 up to 25,000 psi.
- **Gas Testing** — API 6A PSL 3G, API 598 up to 25,000 psi. Utilizing Air, Nitrogen or Certified Helium.
- Fugitive Emission Testing — API 624, 641 and ISO 15845-1 - Testing with Methane or Helium

Verification and Validation Testing

- **Cyclic Testing** — Verify the performance of Seals, Seats and other Wear components. Utilizing gas or water.
- **Low and High temperature testing**— -100 deg F up to 850 deg F. Under pressure or external load
- **Performance Testing** — High Cycle testing at pressure and temperature. Mechanical Load testing.
- **Torque Testing** — Used to support engineering

assumptions per API 6D and customer requirements. Develop Torque formulas for more accurate Actuator sizing. Utilizing gas or water.

- **Explosive Decompression Testing**— Verify rubber seal designs.
- We maintain the highest standards with our equipment too. All of our pressure gauges and instruments are calibrated per industry standards and our own internal requirements. All tests can be filmed and recorded.



NEW LARGER FACILITY

The new addition to the building is complete and we are filling it with several new pieces of equipment. The larger area gives us a better work area and segregates the testing stations for a better work flow. Stop in and visit, We will show you around and discuss how we can add value to your company and your products.

