



Process Control Services, Inc.
an FCX Performance Company

TEMPERATURE CALIBRATION SERVICES

Expert Calibration for All Temperature Standards and Instruments

PCS MEANS PROVIDING CUSTOMER SATISFACTIONSM

processcontrolservices.com



TEMPERATURE CALIBRATION:

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PCS can provide expert calibration in numerous industries, processes, and equipment, including:

- **Environmental chambers**
- **Freezers**
- **Ovens**
- **Water baths**
- **Lab equipment**
- **Aerospace**
- **Commercial and captive heat treating**
- **Plastics**
- **Rubber**
- **Extrusion**
- **Blowing molding**
- **Injection**
- **Casting, forging, and foundry operations**

Calibrations are performed by our ISA-certified technicians.

CALIBRATION SERVICE

Process Control Services (PCS) has the expertise to calibrate your controllers, recorders, sensors and indicators. Whether it's from a major manufacturer or an obscure name brand, state-of-the-art or "well used", our ISA-certified technicians have the depth of knowledge required to test and adjust your instrumentation.

DOCUMENTATION

We will provide you with the documentation you need to maintain your quality requirements. Our reports are accurate, concise and detailed. The integrity of your calibrations will be clearly reported and the auditing process will be streamlined. All records are backed up on our corporate servers. Calibration due dates are tracked and reminders are automatically sent out.



OUR COMMITMENT. As a full service organization, we're committed to providing reliable, efficient, cost-effective temperature calibration services. Through customized agreements, we work with our customers to develop the best possible solutions and schedules for installation, calibration and maintenance.

TRUST OUR EXPERIENCE TO ENSURE YOUR QUALITY.

INSTRUMENTATION TESTING

PCS uses test equipment that is certified according to AMS 2750D standards and is NIST traceable. We perform test instrument calibrations in our own ISO/IEC 17025 accredited certification lab.

Onsite calibrations can be performed several ways, depending on whether or not your process is running, and if test probes can be placed adjacent to your temperature sensors. These tests are referred to as:

System Accuracy Tests

This preferred test is performed by:

- Placing a certified test sensor as close to the sensor tip as practical
- Comparing the reading from the test sensor to the reading of the system

Comparison Tests

If the sensor to be tested is not accessible with your process running, the accuracy of your instrument reading can then be determined by:

- Connecting a test instrument to the sensor
- Comparing the two readings

Multi-Point Calibration Tests

If your process is not running, the instrument can be calibrated at multiple points throughout the operating temperature range per your specification.

REPLACEMENT AND UPGRADES

PCS can also guide you with instrument replacements and upgrades when the need arises. From making the proper recommendations to completing the entire changeover, we can assure your down time will be minimized. We can cater to needs such as:

- Thermocouples
- Protection tubes
- Extension wire
- Recorder charts
- Pens

THINK SERVICE. THINK PCS.

Our goal at PCS is to provide you with quality calibration service. Quality service means reliable operations for your production line.

For more information on temperature calibration services contact us today.



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Satellite Locations

Appleton, WI
Chicago, IL
Columbus, OH
Minneapolis, MN
Pittsburgh, PA
Texas City, TX

Since 1983, Process Control Services has provided clients with the most experienced and knowledgeable field technicians in the industry to maintain and repair instrumentation and control systems. Now an FCx Performance company, PCS is headquartered in Plymouth, MI with regional offices throughout the Midwest. Our 35,000 square foot Plymouth facility houses an extensive inventory to best meet the needs of our customers. We perform component-level repairs, as well as calibrations that are 17025 Accredited. PCS is ready to meet your needs with our quick response times and knowledgeable, ISA-certified service personnel.

ONSITE SUPPORT

Through our customized instrument and system service agreements, we provide our customers with the best maintenance/calibration schedule possible for their process. Along with scheduled and demand services, PCS also provides system startup, installation, and turn-key projects.

BENCH REPAIR AND CALIBRATION

OEM's have long lead times on repairs. PCS can repair or refurbish your equipment quickly. We strive for a ten day turnaround on all orders. All of our repairs receive a one-year unconditional warranty, which meets or exceeds OEM standards.

CERTIFICATIONS

Our field service personnel are ISA/CCST certified to ensure they provide quality support to all of our customers. PCS has been ISO 9000 certified since 1994. The PCS quality management system is certified as conforming to the standards of ISO 9001:2008 and ANSI/ISO/ASQ Q9001:2008 in categories for testing, calibration and circuit board repairs. We are ISO/IEC-17025:2005 accredited under the scope of calibration.

