



CALIBRATION & TESTING SERVICES

Floyd Australia has focused on providing quality products & calibration services for over 80 years, and we are now able to offer exceptional on-site and in-house quality calibration, inspection and repair services for all types of testing and measurement instruments.



We Are Your Total Instrumentation Partner of Choice

Floyd Australia is an Australian owned and operated specialist manufacturer and supplier of high-performance pressure, temperature, flow & level industrial instrumentation including calibration equipment. Our product lines of pressure gauges, thermometers, diaphragm seals, transmitters, switches, torque wrenches, hand tools and accessories, along with an excellent technical support team are trusted by leading companies in Australia.

We offer a complete scope of instrumentation and calibration services, both onsite and at our accredited facility. Our highly trained personnel can calibrate tools, instruments, equipment and systems for a diverse range of applications across Australia. We have been established since 1935 and have a strong track record in achieving outstanding results for our customers. We have a sound approach to business practice and strive for excellence in everything we do.

Below are some key product lines & services supplied and supported by Floyd Australia.

- Pressure Gauges
- Pressure switches
- Pressure Transmitters
- Temperature sensors, RTD's & Thermocouples
- Temp Switches
- Temp Transmitters
- Level and Flow measuring instrumentation
- Customised Manufacturing
- Digital Test & Monitoring Equipment
- Calibration Equipment
- Temperature Calibrators
- Onsite Calibration
- In House Calibration
- Instrumentation Inspection & Audit
- Instrumentation Repairs
- Asset Management Solution

Floyd Australia – The name synonymous with Industrial measurement requirements

Floyd Australia has focused on providing quality products & services for over 88 years, and we are now able to offer exceptional on-site and in-house quality calibration, inspection and repair services for all types of testing and measurement instruments. Located in Melbourne we offer efficient, high quality results and competitive pricing Australia wide.

Our products & services include:

- Onsite Calibration
- In House Calibration
- Instrumentation Inspection & Audit
- Instrumentation Repairs
- Asset Management Solution

Our Calibration capabilities include:

- Pressure
- Heat & Temperature
- Humidity
- Flow
- Electrical
- Gas Monitoring & Detection
- Force/Torque calibration
- Dimensional
- Conductivity & pH
- Weight & Load
- Level

To find out more about how we can assist with your Calibration, Inspection or Repair needs, or if you require more information about other products and services then contact us direct on **1800 811 721** or email **sales@floydaustralia.com.au** & a friendly customer support team member will be able to assist.



Calibration



Repairs



Inspection

It's what we do that makes the difference

- Privately owned Australian company operating for over 88 years
- Our people - 20 skilled experts in their field
- We remain vendor agnostic to achieve best of breed solutions
- Proven use of technology budgets to achieve greater outcomes
- Monitor and adjust our service levels based on real-time customer feedback
- We invest in our people to keep their development and skillset current in emerging Instrumentation technologies
- World-class vendor support in all business pillars
- Utilize our proven 6 step framework to unlock innovation and facilitate quantifiable outcomes
- Persona identification for focused end-user communication strategies
- Local Service Support



On-site Calibration We come to you

Floyd Australia now offers complete On-Site calibration solutions across a diverse range of Instruments.

Our expert calibration technicians can provide you with an on-site calibration service completed to the manufacturers' specifications and in compliance with NATA endorsed and ISO standards.

Our on-site calibration services help:

- Eliminate instrument downtime and the need for spares
- Avoid interruptions and excessive downtime to your manufacturing process
- Allows you to periodically schedule all your calibration services at once
- Eliminate shipping costs and delays due to lengthy service times



What is Calibration?

Calibration is the process of checking, by comparison with a standard, the accuracy of a measuring instrument of any type such as a pressure gauge or an industrial thermometer. It may also include adjustments to the instrument to match the standard.

Calibration of your temperature and pressure instruments has two objectives. It checks the accuracy of the instrument, and it determines the traceability of the measurement. In practice, calibration may also include repair of the device if it is out of calibration. A report is provided by the calibration technician, which shows the error in measurements with the measuring device before and after the calibration.

How Often Should You Calibrate?

The frequency of calibration depends on the balance between risk and costs. The shorter the time between calibrations, the lower the risk of questionable measurements. Floyd Australia recommends having measuring instruments calibrated every three (3), six (6), or twelve (12) months, which is dependent on the application of the measuring instrument.

Here are several factors that influence the right calibration period:

- Manufacturer's recommendation
- Stability history/drift of the instrument
- Regulatory requirements
- Environmental conditions
- Workload of the instrument

Why is Calibration Important?

All measuring devices lose accuracy with time, usually due to normal wear and tear from repeated usage. Electric or mechanical stress may also create changes in the accuracy of equipment, depending on the environment. Calibration compares the standard measurements to your equipment's measurements to verify consistency. It's critical that you have your equipment calibrated on a regular basis for the following reasons:



Keep your customers happy. Customers will be unhappy if your product is inconsistent, and if the inconsistency continues, they will likely begin looking for a substitute partner that can deliver what they claim. This can be detrimental to both your organization and your reputation, so be sure you're running a reliable and successful operation. Talk to Floyd Australia today for more information on pressure and temperature instruments, or our maintenance and calibration services.



Minimise downtime. Prevention is better than cure. Calibration of your measuring equipment on a regular basis is significantly more efficient than having to repair it if it breaks down. Floyd Australia experts can spot possible issues before they become a stumbling block, ensuring that your operations continue to run smoothly.



Eliminates safety risks. In some cases, uncalibrated equipment can also pose a safety issue. For example, if you have cold storage spaces that must maintain a specific temperature but are too warm, the food may degrade, putting your employees or customers in danger of developing foodborne illnesses. In hazardous work environments, equipment that has not been adequately calibrated may expose your employees to electric shock, explosions, or chemical hazards.



Maintain industry compliance & consistency. Regardless of what industry you operate in, all your measuring equipment you use is almost certainly subject to regulatory compliance. Using equipment that does not fulfill these standards can often result in inaccurate results. Furthermore, if you're using various measurement equipment, be sure they're all consistent with one another to get the greatest results.