



# Total Service Solution for Instrumentation and Calibration Requirements



**Land & Sea**  
Instrumentation Limited



## Overview

Land & Sea Instrumentation Limited is a privately held Canadian contracting company doing business in the Heavy Industrial, Offshore Oil & Gas, Manufacturing and Government Services sectors.

We offer a complete range of Instrumentation services, including calibration, installation, commissioning, and start-up. We supply Instrumentation Technicians for shut downs, turnaround maintenance, vacation coverage, and project work for onshore as well as offshore sites.

Our calibration labs have each been designed and built to meet exacting specifications for cleanliness, humidity, and temperature control. All calibrations performed on test and measuring equipment include a calibration certificate, calibration sticker, void seals, data results with "as found" and "as left" readings, and traceability to national or international recognized standards.

We strive to maintain our calibration turnaround time to within five working days for most units. Expedited one day turnaround is available upon request, certain conditions apply. We also provide onsite calibration and repair service to a wide variety of instruments and test equipment in an effort to minimize or eliminate your downtime.

## Environmentally Controlled Calibration Laboratories

Scope of capabilities for calibration, repair and testing services includes the following types of instruments.

### Electrical and Electronic Test and Measuring Equipment

- Meters – digital multimeters, current meters, voltmeters, analog meters, micro-ohmmeters, megohmmeters, clamp meters, panel meters, switchboard meters.
- Electrical Testers – insulation, dielectric test sets, continuity, high current test sets, surge testers, audio test sets, decade boxes.
- Field Test Instruments – loop calibrators, current calibrators, data loggers, process instruments, cable fault locators, level transmitters.
- Gas Detection Equipment – personal detectors, fixed detection systems, combustion analyzers.
- Other Instruments – tachometers, attenuators, oscilloscopes, timers, power supplies, frequency counters, PH meters, signal generators, telephone test equipment, electric welders.

### Physical Properties Test and Measuring Equipment

- Pressure – gauges, sensors, transmitters, indicators, transducers, recorders, switches, manometers, deadweight testers, calibrators, vacuum devices.
- Torque – wrenches, screwdrivers, meters, multipliers, transducers, testers, calibration arms.
- Dimensional – micrometers, dial indicators, straight edges, squares, surface plates, standard lengths, parallels, calipers, verniers, levels, thickness indicators.
- Mass and Force – weights, scales, dynamometers, load cells, force gauges, cable tensiometers, balances.
- Temperature Instruments – thermometers, temperature switches, infrared thermometers, transmitters, RTD probes, thermistors, temperature calibrators.



## **Instrument and Equipment Rentals**

We offer a variety of calibrated test equipment for rent on a daily, weekly, or monthly basis.

### **Our rental inventory includes:**

- Temperature and pressure chartrecorders
- Test pressure gauges
- Process pressure gauges
- Personal gas detectors
- Torque wrenches
- Multimeters
- Meggers
- Thermometers
- Hydrostatic test pumps
- Loop calibrators

## **Committed to Quality, Safety, and Environmental Protection**

- ISO 9001:2008 Certified
- Member in good standing with Nova Scotia Construction Safety Association (NSCSA) Since 1997
- Documented environmental policy in place since 2005



## Land & Sea Instrumentation Ltd. Specialized Capabilities

- Valve Repair & Testing
- Control Valve, Regulator & Actuator Repair
- Instrument Calibration
- Instrumentation Services
- Hydro & Pneumatic Testing
- Computerized Maintenance Management
- Inventory & Spares Management
- Control Panel Fabrication & Calibration
- Tube Bending
- Customized Training

## Servicing:

Nova Scotia  
New Brunswick  
Prince Edward Island  
Newfoundland & Labrador

## Land & Sea

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