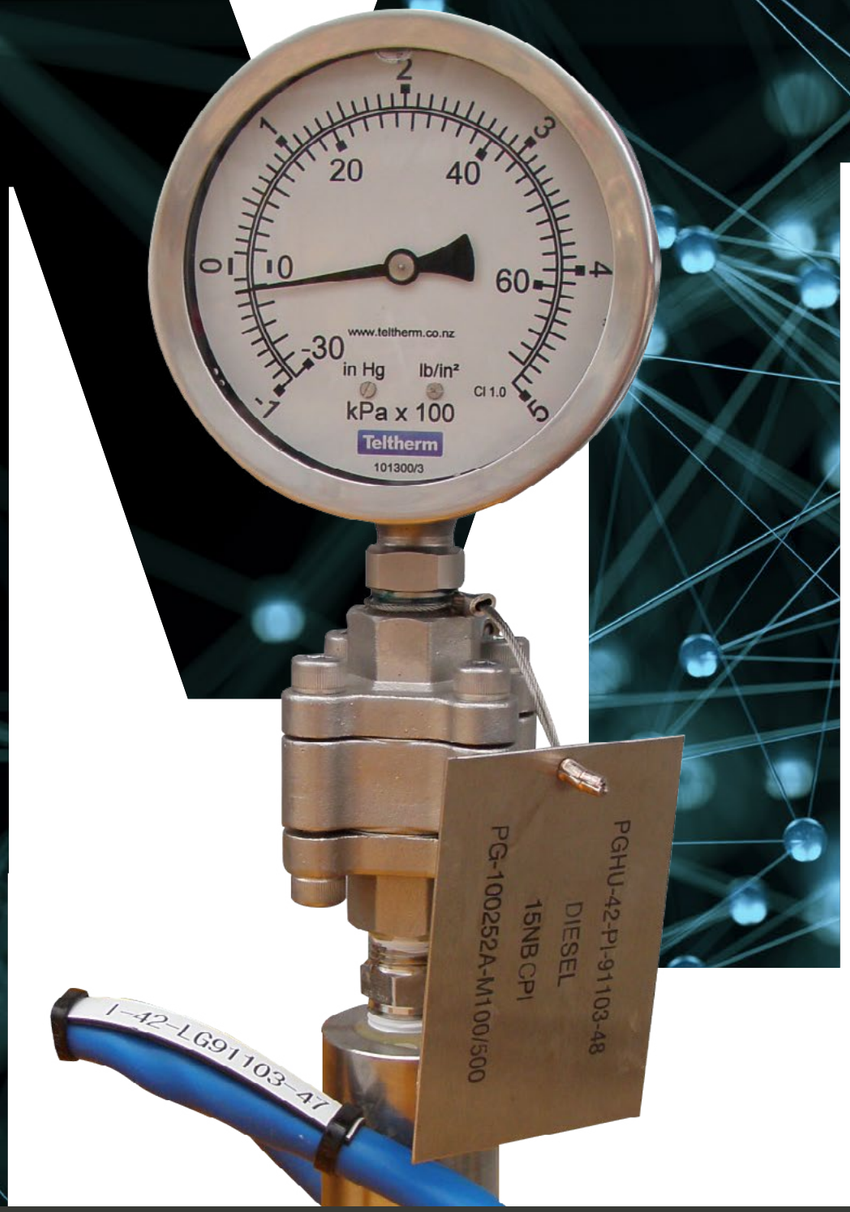
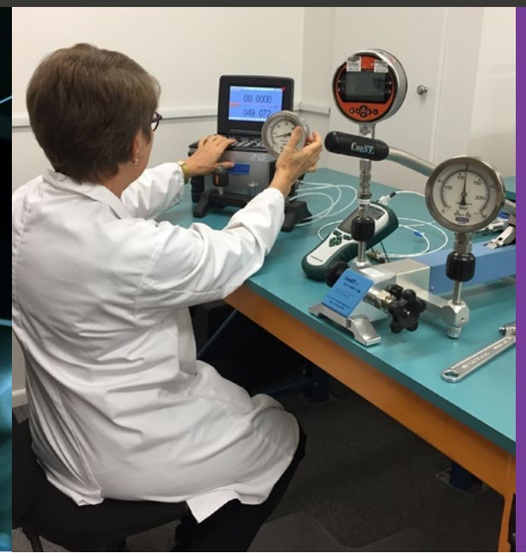
Teltherm Instruments Limited

MEASUREMENT STANDARDS LABORATORY

At the core of Teltherm Instruments' business is the science of metrology. Measurement instruments are essential to keeping production lines, workers and businesses online, running and profitable. And that's where Callaghan Innovation's Measurement Standards Laboratory comes in.





"Accurate measurement supports industrial success across all sectors of our economy. If our measurements in the field of pressure, temperature, humidity, infrared and gas detection are not sound, then our work impacts the entire spectrum of the New Zealand economy."

Teltherm Laboratory Manager Anne Evans

From modest beginnings in colonial New Zealand 65 years ago, Teltherm-manufactured or sourced instruments can now be found in industries throughout Australasia and around the world. As the only manufacturer of industrial gauges in New Zealand, Teltherm has developed into a market-oriented and innovative manufacturing company distributing its products to Australia, the Pacific Islands, Europe and beyond. At the core of its business is the science of metrology. Measurement instruments are essential to keeping production lines, workers and businesses online, running and profitable. And that's where Callaghan Innovation's Measurement Standards Laboratory (MSL) comes in.

"We lean on MSL to guide us and ensure the manufacturing and calibration work we do and the measurements we report are world class," says Teltherm Laboratory Manager Anne Evans. The knowledge within MSL among the technical experts is invaluable in supporting New Zealand laboratories and manufacturers. Our Teltherm and Homershams laboratories invoice in excess of $1 million of measurement results per year to all fields of New Zealand's economy covering agriculture, dairy, pharmaceutical, aviation, manufacturing, health, food, beverage and more. If our measurements in the field of pressure, temperature, humidity, infrared and gas detection are not sound, then our work impacts the entire spectrum of the New Zealand economy."

Teltherm's metrology laboratory is now International Accreditation New Zealand (IANZ) accredited in pressure, gas detection, temperature and infrared, while the Christchurch lab is also accredited in humidity. The company's strength is in the flexibility of the manufacturing arm of its business. The factory is capable of small or large batches, custom designed to meet the client's requirements. It is this flexibility coupled with short lead times that enables Teltherm to successfully market its brand globally. It has also acquired distributor rights to an extensive range of industrial instruments.

"Calibrations apart, the instruments we manufacture here in New Zealand plus the instruments we import for our end users are all checked traceable to MSL – we can have confidence in the products we make and sell because the products are traceable to a reputable and local facility," Anne says. Accurate measurement supports industrial success across all sectors of our economy. It is therefore essential to preserve and grow New Zealand's metrology infrastructure and intelligence.

"MSL meets this demand with facilities and staff ready and willing to provide first-rate metrology advice and capabilities to New Zealand organisations."

Teltherm offers a multitude of customised instrument options including pressure, temperature, calibration equipment, relief valves, flow, gas detection, level, and burner safety. It exports, imports, supplies, manufactures, calibrates, certifies and repairs industrial instruments.

The downstream effect of what the MSL team achieves is probably not easily visible," Anne says. "MSL is near the apex of New Zealand's measurement pyramid but its tentacles reach from the likes of Fonterra to the supermarket scales – every part of our society is impacted by the measurements we make. It is without reservation that I thank MSL for their guidance and I look forward to many years of growth ahead aided and fostered by our relationship with MSL."