

Instrument Laboratory

Homersham's Laboratory can Calibrate, Repair and Service many of your Industrial Instruments, especially those involving Temperature, Pressure, Level and Humidity.

Homersham's was the first Laboratory in New Zealand to be registered by IANZ (formerly Telarc) for Pressure Gauge Testing in 1980 and we added Temperature to our IANZ Accreditation in 1999.

Industry, driven by an increasing emphasis on Quality, has to examine its methods. With so many Industrial Processes involving Temperature and Pressure control the need for Instrument Calibration has never been greater. In a busy processing environment, smaller items such as Temperature Controllers, Thermometers and Pressure Gauges can be easily overlooked.

Our Technicians are well experienced in these fields and will advise you about appropriate maintenance and service intervals for your Instrumentation.

Temperature Certification

Temperature Range	Laboratory	-30 to 150°C (IANZ) -40 to 1000°C (Conformity) (Least uncertainty from ± 0.01 to ± 0.06 °C depending on temperature range.)
	On-site	-30 to 250°C (IANZ) -40 to 1000°C (Conformity) (Least uncertainty ± 0.5 °C)

IANZ - Endorsed Certificates, with Full Traceability

Recognised nationally and internationally by all authorities.

Due to the variety of requests, each certificate will be configured to the customer's needs. This may include an Ice Point Check or additional test points.

Certificate of Conformity (Non-Endorsed)

Where thermometer confidence checks only are required, a compacted, in-house test method is available which indicates that the calibration of the device is within the manufacturer's specification.

The client will be advised if it is necessary to undertake additional work over and above the re-calibration which is included in the price of this Calibration Certificate.

Postal Address
Homersham Ltd
P.O. Box 280
CHRISTCHURCH 8015
NEW ZEALAND

Phone: 03 3588309
Phone: 0800 659888

Website: www.homershams.co.nz

Delivery Address
Homersham Ltd
3 Homersham Place
CHRISTCHURCH 8005
NEW ZEALAND

Fax: 03 3582516
Fax: 0800 659777

E-mail: info@homershams.co.nz
Section 9



Temperature
Pressure

Pressure Gauge Certification

Pressure Range -100 to 70,000 kPa

IANZ - Endorsed Certificates, with Full Traceability

Recognised nationally and internationally by all authorities.

Pressure Gauge

Compound & Vacuum Gauges

Test Gauge (0.25% full scale)

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On Site Servicing

Usually, your instruments are more economically serviced in *Homersham's* Laboratory and in some cases, a loan unit is available. Should your instrument be unable to be removed *Homersham's* will visit your site.

All on site jobs can be quoted and discussed with the technicians involved before proceeding.

Custom Manufacture

An integral part of *Homersham's* Laboratory is its small production run capability. Where a stock line is unsuitable, we will manufacture to your specifications.

Our Custom Manufacture includes Thermocouple and RTD (PT100) Probes, Multi-level Float Switches and specialist Circuit Board assembly. This means that *Homersham's* Laboratory provides short lead times and will respond quickly to your requests for urgent work.

Industrial Instrumentation is a diverse field and *Homersham's* Laboratory does not claim to do everything. If we are unable to meet your requirements ourselves, we will happily recommend an alternative supplier.

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