



GEI

Goodwill Laboratories Pte Ltd

**makes your
calibration** **easy**

www.goodwilllab.com

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makes your calibration **easy**

Goodwill Laboratories Pte Ltd is a division of GEI Group Of Companies specifically for calibration. Whatever your calibration requirements are, give us a call. If its time and process critical and needs to be calibrated sooner rather than later, we will be able to help. Our team consist of experts who have different specialization in calibration. So no matter what instrument you have, we have the right people for your job. Our calibration technicians and engineers are available during all working hours and ready to travel on short notice.

Pressure Calibration

Calibration of Pressure gauges and transducers

Electrical Calibration

Calibration of Electrical Instruments

Temperature Calibration

Calibration of Temperature Measurement equipments.

Dimensional Calibration

Calibration of dimensional measuring parameters

Non Destructive Testing

Conventional & Advanced NDT Services

Engineering Inspection

Inspection and Expediting Services

Industries Serviced

Oil & Gas
Petrochemicals
Power Plants
Refineries
Marine (Off & Onshore)
Aerospace Industries



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Calibration Lab

Goodwill Laboratories Pte Ltd, a UKAS accredited and an ISO 9001, ISO 45001 certified laboratory, is a well-equipped, electrical and mechanical instrument and equipment calibration centre.

Goodwill Laboratories Pte Ltd guarantees the efficiency of your instrument and test equipment and provides, full-service lab and on-site services. For accurate and reliable results, we have invested significantly in hi-tech and modern equipment that conform to international standards.

Goodwill Laboratories Pte Ltd is committed to providing the highest quality calibration services and audit requirements of various industries, like Utilities, Oil & Gas, Food & Beverage Industry, Aerospace and Transportation, Heavy Industries, Manufacturing Industries, Petrochemicals, etc.



**Extensive
Calibration
Capabilities**



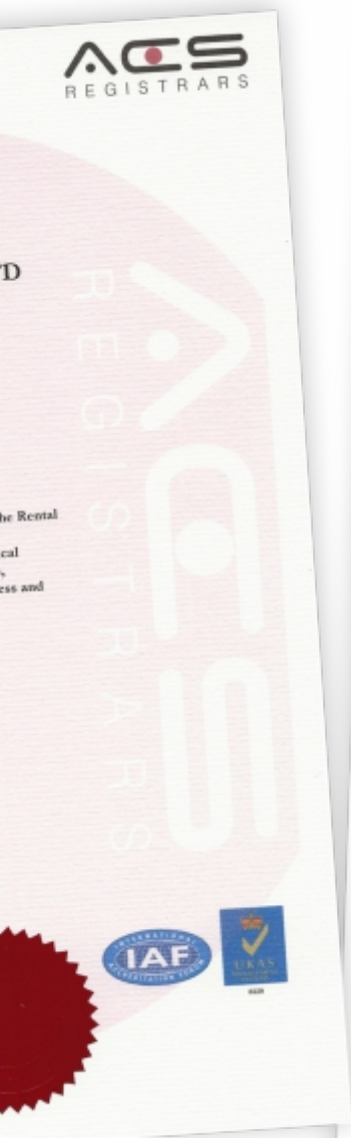
Accreditations


- Our laboratories are environmentally controlled, ensuring the correct atmosphere for the precise measurements.
- Our Laboratory's ultramodern facility is accredited by International Accreditation Service (IAS) .
- Calibrate a wide range of electrical or mechanical instrument and equipment in our centralized facility
- Our services are in full compliance with the ISO IEC 17025 Standards
- Every measuring instrument calibrated/recalibrated by Goodwill Laboratories receives a certificate listing the calibration result and uncertainties. Further, the records are maintained for at least 5 years enabling us to send you periodical reminders.
- Our trained technicians can: Calibrate instruments ranging from the simplest metre to the most complex multifunction calibrator. If defective it can be sent to the centralized workshop for repair.



Additional capabilities

| Parameter | Calibration Range |
|--------------------------|---|
| High Voltage | Up to 150 kV AC/DC |
| Sound Level | 94 & 114 dB |
| Vibration | Displacement, velocity & acceleration |
| pH | pH No. 4 & 7 |
| Coating Thickness | 24.1, 49.6, 124.8, 249.2, 504 & 1028 μ m |
| Tachometer | Up to 90000 rpm |
| Light meter | Up to 20000 LUX |
| Tensile | Up to 25 ton |
| Sf6 equipment | – |
| Safety Valves | Up to 700 bar hydraulic, 300 bar pneumatic & 16" size |
| I & C Onsite Calibration | I & C Onsite Calibration |
| Energy meter calibration | From various manufacturers |
| Gas Analyzers | -- |
| Inspection & Repair | -- |





Goodwill Laboratories Pte Ltd

onsite calibration & instrumentation

Onsite Calibration Service

Goodwill Laboratories Pte Ltd has the capability to service and calibrate a range of instruments at your own premises which can reduce turnaround time and improve the efficiency. Our field service engineers can visit your facility and promptly calibrate your test equipment for accurate and precise performance.

Capable of set up on-site lab

With a large resource of technical staff, mobilization of the team is available on short notice

Our generous investments in assets and resources enables us to handle multiple activities parallelly

Mobility to provide timely service to your facility

On-site calibration and certification of process control instruments

On-site calibration and related services during Plant shutdown and maintenance

Capable of providing multiple workforces at 24/7 including night shifts to meet tight schedule

laboratory calibration services

Our focus and commitment to excellence have made us one of the leading calibration and repair solutions provider in Singapore.

Our well-equipped lab implements the use of various parameters to ensure that the instrument sent to us for calibration and repair are thoroughly checked and rectified so that you can be assured of an optimum accuracy on the machines that we have calibrated at our lab.



Electrical

Calibration Range

- AC/DC volt up to 1000V.
- Up to 10 A direct & 1000 A clamped.
- Resistance up to 100 G Ω .
- Frequency measurement up to 3 Ghz.
- Capacitance up to 1 mF.

Some Equipments or Instruments Calibrated

- Digital Multimeters
- Clamp Meters
- AC/DC Power Supplies
- Insulation Testers
- Resistance Meters
- Frequency Meters
- Function Generators



Temperature

Calibration Range

- -100°C Up to 1000°C.
- Infrared thermometer up to 900°C.
- Humidity.

Some Equipments or Instruments Calibrated

- Thermocouples
- Temperature Controllers
- Temp. Recorder & Switches
- Temperature Transmitter
- Digital & Dial Thermometer
- Temperature Calibrators
- Thermohygrograph & meters
- RTD Sensor, oven & freezer



Pressure

Calibration Range

- 0 bar Up to 2800 bar Hydraulic.
- 0 bar up to 200 bar pneumatic.

Some Equipments or Instruments Calibrated

- Pressure Relief Valve
- Pressure Gauges
- Pressure Transmitter
- Pressure Switches
- Pressure Chart Recorders
- Pressure Transducers



Dimension

Calibration Range

- Up to 1000 mm.

Some Equipments or Instruments Calibrated

- Vernier Caliper
- Digital Caliper
- Dial Caliper
- Micrometer
- Dial Gauge
- Dial Test Indicator



Goodwill Laboratories Pte Ltd

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