



The First ISO/IEC 17025:2005 certified calibration laboratory in Kuwait

Our Calibration & Test Capabilities

Calibration certificates are NIST traceable and with full calibration data

Mass Calibration (OIML R111)

Whether you're measuring one milligram or a thousand pounds, NTCC can calibrate balances, scales and weights. We have certified and experienced scale and balance technicians. Our balance and scale abilities have been proven both on the road and in our laboratory facilities.

Analytical Balances

Balances

Bench Scales

Counter Scales

Floor Scales

Load Cells

Crane Scales

Force Gauges

Truck scales

Weigh Bridges

Mass Comparators

Weights



Understanding the Value

Tel: 965 24913403 تليفون
Fax: 965 24913402 فاكس
P.O.Box 5376 ص. ب.
Safat 13054 الصفاة
Kuwait الكويت
Email: info@ntcckuwait.com
www.ntcckuwait.com



Torque

We work with torque wrenches that measure in inch ounces to torque analyzers and torque transducers. We can take care of what you need to apply torque, measure torque, calibrate torque equipment, repair torque equipment, and even replace torque equipment if it's beyond repair.

10 Nm to 1000 Nm (Measure)



Gas Detectors

We calibrate gas detectors for a single gas, multiple gas detectors, wearable products, and fixed location equipment. We provide confined space kits, replacement sensors, tubes, and nearly any other detection equipment needed to keep your staff on the job and worry free. We have the connections to get you the equipment you need, the ability to calibrate it, and the capacity to get it back to you. We calibrate measurements for multiple gases, including but not limited to:

Carbon Monoxide (CO)

Carbon Dioxide (CO₂)

Oxygen (O₂)

LEL Combustible Gases

Propane

Refrigerants

Hydrogen Sulphate (H₂S)



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Physical Dimension

From a simple no gage block set to rings gauges, from thread plugs to surface plates, from coating thickness gauges to dial indicators, our physical dimensional uncertainty budgets are some of the strongest around. Our onsite capabilities are also very competitive, and reasonably priced.

NTCC have a dedicated, temperature controlled physical dimensional laboratory that can handle any physical dimensional need you have. Some of the equipment we work with:

Bore Gauges

Clinometers

Calipers

Snap Gages

Depth Gages

Height Gages

Steel Rulers

Radius Gauges

Spirit Levels

Dial Indicators

Protractors

Parallels

Surface Plates

Hole Micrometers

Go/No Go Gauges

Micrometers

Pin Gauge Set

Feeler Gauges

Durometers

Radius Gauges



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Calibration of Rotation Speed Devices

We have the ability to generate and measure up to 37,000 rpm, or measure up to 100,000 rpm. We work with optical tachometers, physical contact tachometers, and RPM meters. Our uncertainty budgets stand strong, and the work is guaranteed.

Pressure Calibration

Our capabilities in our laboratory can calibrate up to 37,000 PSI (2600 Bar). But, we're precise enough to measure to uncertainties of sixth of a percent. We're proud to serve those who serve through our contract and our capabilities.

Differential gauges

Pressure switches

Pressure transducers

Pop off/relief valves

Regulators

Compound pressure gauges

Dual scale gauges

Vacuum gauges

Pressure gauges

MIL-SPEC pressure gauges

Differential gauges



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Temperature calibration

Our temperature and humidity calibration work is respected both by military customers and commercial customers alike.

-50 ° C to 250 ° C for liquid in Glass, Bimetal, Thermocouples and Switches using precision temperature baths (Generate) - 210 ° C to 1200 °C (Measure)

Digital thermometers

Dial thermometers

Ovens

Autoclaves

Thermocouple simulators

Thermocouples

RTDs

Resistance

Temperature recorders

Mercury/glass thermometers

Infrared Thermometers

Digital controllers

Baths

Chart recorders

Freezers

Bimetal Thermometers



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Electrical calibration

Our electrical calibration capabilities is offered you with the highest level of quality assurance, documentation, and accuracy so that you can rest assured your equipment will be serviced to the highest quality disciplines while our staff provides exceptional service.

Ammeters, AC & DC

Amplifiers

Attenuators

Bridges

Calibrators

Capacitance Meters

Capacitors

Digital Multimeters, Hand Held

Digital Multimeters, Long Scale

Inductance Generators

Inductors

Insulation Testers

Oscilloscopes

Power Supply Units

Resistance Boxes

Resistors

Stop Watches

Tachometer

Voltage Standard

Voltmeters, AC & DC



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Welding Machines

Wattmeter

Micro - Ohmmeter

Milliohm meter

Mega Ohmmeter

Harmonic Analyser

Flicker Meter

Power Recorder

Clamp Meter

RCL Meter

Shunt

Tong Meter

Frequency Control

Decode Box

Loop Signal Indicators

RTD Transmitters

Thermocouple Transmitters

AC/DC Signal Sources

Voltmeter



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Life Science

Life Science improves the quality and standard of Life and its applications in Health, Agriculture, Bio Medical, Pharmaceutical Industry and Food Industry. We calibrate the following equipment widely used in life science laboratories and industries.

pH Meter

Conductivity Meter

Centrifuges

Autoclaves

Incubators

Freezers

Refractometers

Polari meters

Pipettes

Sieve Shakers

Water Baths

Beaker / Flask

Glassware



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TANK CALIBRATION AND CERTIFICATION

International standards like ISO 7507 - part 1 to 4, ISO 12917, API (American Petroleum Institute) 2550, API 2551, API 2552, API MPMS 2.8.A, from which the national standards and rules are derived. The ISO rules have also been recommended by OIML (International Organization of Legal Metrology).

Internal survey is carried out in tanks where it is safe to enter enabling us to measure datum plates, internal deadwood & tank bottom floor / shape. Underground horizontal tanks require internal measurements. Bottom plate unevenness is profiled and physical calibration with water is done upto flush point as required. Safe Laser beam measurements are also used for internal measurements for horton spheres and underground cylindrical tanks.



Vertical Cylindrical Tanks

Vertical Floating Roof Tanks

Horizontal Cylindrical Tanks

Underground Horizontal TANKS

Rectangular Tanks

Bullets With Elliptical Ends

Horton Spheres

Ship Tanks And Vessels

Cryogenic & Pressurized Tanks

Wooden Vats And Casks

Blending Tanks



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Load Testing

NTCC Test is a fully Automated Load test, Stress test and Performance Test solution that is easy to use and cost effective. NTCC is known for its infrastructure for performance, reliability and scalability on the load tests conducted.

Overhead Hoists

Elevators

Forklifts

Mobile Cranes

Fixed Cranes

Equipment Jacks

Slings

Ropes

Pallet Jacks

Cables

Straps

Car Lifts



We encourage customers to tour our facility and meet the people who will be working on your equipment.

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