



metrotech

calibration services

About Us

Metrotech Calibration Services was established in 2004 in Walvis Bay by Mr. Dawid Coetzee. We focus on providing mass, pressure, flow and temperature calibration and metrology services.

Our objective is to achieve the most accurate results possible, and we do this by utilising state of the art equipment and highly trained staff, thus assuring that a quality service is provided at all times.

We ensure that our calibrations are carried out in accordance with international standards and stated methods. Furthermore, all the equipment which we use for calibrations is traceable to a higher standard, and is tested yearly by accredited laboratories. Metrotech is registered as an Approved Inspection Authority and as a Measuring Instrument Mechanic in Namibia.

We provide services to clients from the following industries:

- Marine and Ship Repair
- Oil and Gas
- Laboratores
- Port Authorities
- Government Organisations
- Non-governmental Organisations

We Specialise in:

Mass Metrology

[Calibrations using weights and scales]

- Mass Metrology Laboratory.
- Calibrations of weights: from 0.001 gram to 120 t.
- Calibrations of electronic and mechanical mass balances (scales): 0.001g to 100 t.
- Mass and scale calibrations for factories, vessels and all other applications were needed.
- Testing of lifting equipment, slings, chains, hooks etc.
- Load testing of cranes, davits and any other lifting equipment: to 500 t

Temperature Metrology

[Verification and calibration of all temperature equipment]

- Temperature Metrology Laboratory
- Temperature calibrations of dial thermometers: -20°C to 600°C
- Temperature calibrations of electronic temperature equipment: -20°C to 600°C
- Temperature calibrations for factories, vessels and all other applications were needed
- Temperature calibrations of infra-red thermometers

Instrumentation Testing

- Testing of pressure alarms for vessels / industry
- Testing of temperature alarms for vessels / industry
- Testing of tank high and low level alarms for vessels / industry
- Testing of bilge high level alarms on vessels
- Testing of fire alarms on vessels
- Testing of emergency alarms on vessels
- Testing of shut down on main, auxiliary and bow thruster engines on vessels
- Repairs and setting of all mentioned alarms
- Repairs to lab equipment: auto claves, incubators and other equipment

Pressure Metrology

[Verification and calibration of all pressure equipment]

- Pressure Metrology Laboratory
- Pressure calibrations of pressure gauges -1 Bar to 3 000 Bar
- Pressure calibrations of electronic pressure transmitters and receivers
- Pressure calibrations on safety valves
- Pressure test of air receivers
- Pressure test of cargo hoses and pipes lines
- Pressure testing of valves (angle, non return & sea cock valves)
- Pressure testing of pressure and vacuum valves

Flow Metrology

[Verification of flow levels and verification of specified tank levels]

- Flow metrology laboratory
- Flow Calibrations of Flow Meters and Tanks



Contact Us

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