



H.Rohloff (Pty) Limited

Africa's first ISO/IEC 17025 Calibration Laboratory

Effective Non-Destructive Testing is reliant on two main factors, namely the equipment and the operator using the equipment. The simple fact is that NDT saves lives and using non-compliant equipment can lead to incorrect reporting of results which in turn can lead to disaster.

An operator is reliant on the information of the NDT equipment and therefore it is critical that the NDT equipment meets international standards. It is therefore of the utmost importance that NDT equipment is calibrated through an ISO/IEC 17025 accredited laboratory confirming the equipment's compliance.

H.Rohloff (Pty) Limited's ISO/IEC 17025 accredited calibration laboratory ensures both traceable and technically sound calibrations.



H.Rohloff (Pty) Limited ISO/IEC 17025 Traceable Calibrations

General requirements for the competence of testing and calibration laboratories.

ISO 9001 is a standard designed for the manufacturing and service sector and focuses the Quality Management System towards those major groupings.

ISO 17025 is focused on calibration and testing. You will see many similarities in the Quality Management System of both standards.



Accredited Calibrations – What is ISO/IEC 17025 all about?

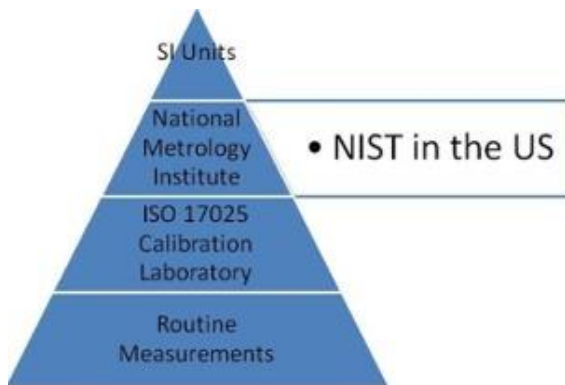
A few key difference between ISO 17025 and ISO 9001.

ISO 17025 requires a demonstration of [technical competence](#). It is required of management to authorize specific personnel to perform particular types of sampling, test and/or calibration, to issue test reports and calibration certificates, and to ensure technical competency of personnel.



Accredited Calibrations – What is ISO/IEC 17025 all about?

ISO 17025 requires traceability of measurements to standards. For accredited calibration laboratories, the programme for calibration of equipment shall be designed and operated so as ensure that calibrations and measurements made by the laboratory are traceable.



Accredited Calibrations – What is ISO/IEC 17025 all about?

ISO 17025 requires the application of [measurement uncertainty](#). The calibration certificates issued by these laboratories shall contain the measurement results, including the measurement uncertainty and/or a statement of compliance with an identified metrological specification.



Accredited Calibrations – What is ISO/IEC 17025 all about?

An ISO/IEC 17025 accredited test report and calibration certificate is regarded as a legal document so therefore it is preferred to use an ISO/IEC 17025 accredited calibration laboratory rather than an ISO 9001 certified company.



Accredited Calibrations – What is ISO/IEC 17025 all about?

All accreditation bodies that grant ISO/IEC 17025 accreditation are approved by ILAC (ilac.org) against ISO/IEC 17011:2017 which specifies the requirements for the competence, consistent operation and impartiality of accreditation bodies assessing and accrediting conformity assessment bodies.

Accreditation bodies;

Local – SANAS

International – NATA, UKAS, DAkkS, A2LA, ANAB, etc..



H.Rohloff (Pty) Limited uses the international accreditation body, ANAB (USA).

Is ANAB recognised in Africa? Yes, an ILAC **mutual recognition agreement (MRA)** is an international **agreement** by which two or more countries agree to recognize one another's conformity assessments. A **mutual recognition** arrangement is an international arrangement based on such an **agreement**.



Who Grants ISO/IEC 17025 Accreditation?

Established in 1946, H.Rohloff (Pty) Limited has become the first ISO/IEC 17025 accredited calibration laboratory and is certified to ISO 9001:2008 (In the process of updating to 9001:2015).

Rohloff™ is synonymous with high quality, technology driven **materials testing and measuring** equipment, systems and solutions — its products are used throughout industry and deliver productivity, quality and safety for our customers. We seek to provide "sound advice/service - sound equipment – sound calibrations ", the cornerstones of our triangular Company logo. To emphasize these objectives and to ensure customer satisfaction, we strive to continually improve upon our Quality System.



SPECTROLINE®



NewSonic



Magnetic Particle Inspection Instruments



SIUI

Who is H.Rohloff (Pty) Limited?

Questions?



Thank You!

