

# BenCal Technologies

Our Passion is Your Quality

## COMPANY PROFILE



**Calibration, Repairs, Maintenance and Supply of  
Industrial Plant instruments, Laboratory equipment  
and Medical equipment**

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## ABOUT BENCAL TECHNOLOGIES (PTY) LTD

BenCal Technologies (Pty) Ltd is a 100% Malawian citizen owned specialized calibration services company. Its core business encompasses calibration and verification, repairs, maintenance, supply and installation of measuring instruments in production and processing plants and their testing labs, medical and pharmaceutical labs and safety equipment.

BenCal Technologies (Pty) Ltd also offers trainings in calibration, taking chemical and physical measurements correctly, measurement data processing, evaluation of measurement uncertainties and traceability both in Physical and Chemical measurements and in ISO 9001 and ISO 17025 management systems towards certification and accreditation respectively.

BenCal Technologies (Pty) Ltd is also a consulting firm in anything related to measurements and related instrumentation.

### A WORD TO THE INDUSTRY

The industry whatever it may be, needs to produce/manufacture high quality products or services for it to succeed on the market whether it is local or international market. It also has to make sure that the products and services it offers are safe to human beings through reliable, credible and traceable measurement results. For this to be achieved, every industry has to make sure that the measuring equipment it uses are accurate and precise and that they maintain the traceability of measurement results to international standards as required by ISO 9001 standard for production and processing companies, ISO 15189 standard for medical labs and ISO 17025 standard for testing and calibration labs.

The only way to check this is to have the measuring equipment calibrated or verified by calibration laboratories who are competent according to ISO 17025 standard.

In medical labs, reliable and credible measurement results allow doctors to make sound decisions and give correct prescriptions to patients thereby improving the health of the people and the economy of the nation in a long run. If medical labs use uncalibrated equipment, it may lead to wrong prescriptions given to patients resulting in further complications. This is not due to incompetence of doctors but due to wrong information given by the equipment they use. The services offered by BenCal Technologies (Pty) Ltd help to check this anomaly.

Production and processing companies, utility providers and many other companies rely on measuring equipment in their controlling and monitoring systems to ensure the quality of the products they produce. Using uncalibrated instruments results to the production of foods/services that are unsafe to humans. Using equipment that is not calibrated also may make the company to lose a lot of money. BenCal Technologies (Pty) Ltd in offering calibration services to these sectors ensures that quality products that are safe for human consumption are produced and that companies have full control of the money they use in their processes.

International markets require that products be certified. One requirement for certification is calibration of equipment used in the production processes. Currently not so many products are exported from Malawi because of this factor that creates technical barrier to international trade for Malawian products. The calibration services offered by BenCal Technologies (Pty) Ltd, are a certification and accreditation vehicle which will promote international trade leading to improved economy of the people and the country as a whole.

We are glad to cooperate and work with you to promote the quality of Malawian products and services which will eventually enhance the national economy and the health of its citizens and break technical market barriers to international trade.

## VISION AND MISSION STATEMENTS AND GOALS

### VISION STATEMENT

BenCal Technologies (Pty) Ltd has a vision to be a leader in providing calibration and related metrological services in Malawi and beyond and a readily available solution to the industry's passion for quality.

### MISSION STATEMENT

BenCal Technologies (Pty) Ltd has a mission to provide calibration and related metrological support to the hospitals and industries in Malawi and beyond in order to promote quality of products and services and to break technical market barriers to international trade and promote human health.

### GOALS

BenCal Technologies (Pty) Ltd's goals are to:

- Promote human health in Malawi and beyond,
- Help in accreditation of testing labs through calibration,
- Improve the quality of Malawian manufactured goods and services,
- Break technical market barriers to international trade through calibration.



## SCOPE OF CALIBRATION, SUPPLY AND REPAIRS

- Temperature
- Pressure
- Mass
- Volume
- Flow
- Force
- Humidity
- Dimension
- Speed
- Time
- Vibration
- Fume hoods
- PH
- TDs
- Torque
- Electrical dc & low frequency
- Flush point testers
- Gas detectors & breathalysers
- Biosafety cabinets
- Laminar flow cabinets
- Patient monitors
- Hematology analyzers
- Chemistry analysers
- Sound level
- Vacuum



## CLIENTELE

- Production and processing
- Utility providers
- Mines
- Hospitals
- Construction
- Agriculture
- Telecommunications
- Pharmaceuticals
- Academia
- Law enforcement
- Safety and occupational health
- Aviation
- Automotive
- Petroleum

## LIST OF EQUIPMENT THAT WE CALIBRATE, SUPPLY, REPAIR & MAINTAIN

### A

### PLANT INSTRUMENTS

- Temperature Controllers
- Temperature sensors
- Temperature Gauges
- Humidity controllers
- Humidity sensors
- Pressure Gauges
- Flow Meters
- Data loggers
- Pressure switches
- Conductivity sensors
- Ammeters
- Thermostats
- Vacuum gauge
- Agitators
- Rpm counters
- DC Power sources
- Storage tanks
- Magnehelic gauges



### B

### MEDICAL EQUIPMENT

- Analytical balances
- Electrical Safety analyzers
- Ovens
- BP Measuring Machines
- Centrifuges
- Sterilizers
- Hot plates & shakers
- Hematology & Chemistry analyzers
- Patient monitors
- Micro-pipettes
- Test/lab weights
- Gas cylinder
- Pressure gauges
- Biosafety Cabinets
- Water baths
- Thermometers
- Microscopes
- Infusion Pumps
- Defibrillators



### C

### SAFETY EQUIPMENT



- Speed detecting cameras



- Gas detectors



- Breathalyzers

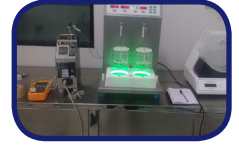
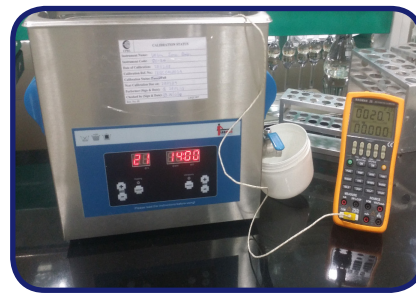




## D

### INDUSTRIAL TESTING LABORATORIES

- Autoclaves
- Ovens
- PH meters
- Dial gauges
- Scales and Balances
- Furnaces
- Weights
- Micrometers
- Lab/test weights
- Thermometers
- Burettes
- Microscopes



- Moisture analyzers
- Water baths
- Centrifuges
- Hot plates

- Depth gauges
- Incubators
- Cold rooms
- Vennier Caliper

- Hygrometers
- Hydrometers
- Rpm counters
- Psychrometers

- Fridges
- Shakers
- Tachometers
- Pipettes

## E

### PETROLEUM

- Flush Point Testers
- Flow meters
- Density meters
- Thermometers
- Fuel tanks
- Gas detectors
- Breathalysers
- Road tankers



## F

### MISCELLANEOUS EQUIPMENT

- Multimeters
- Clamp meters
- Loop testers
- AC/DC Sources
- Dumpy levels
- Earth Resistance testers
- Oscilloscopes
- Lux Meters
- Power quality meters
- Torque wrenches
- Power meters
- Frequency meters
- Anemometers
- Timers
- Sound meters
- Tape measures & rulers
- I & V Transformers
- Dumpy levels
- Electrical safety analyzers

