



TRACEBLE MEASUREMENT CENTRE LIMITED

ISO 17025 ACCREDITED CALIBRATION LAB

Company Profile

2024

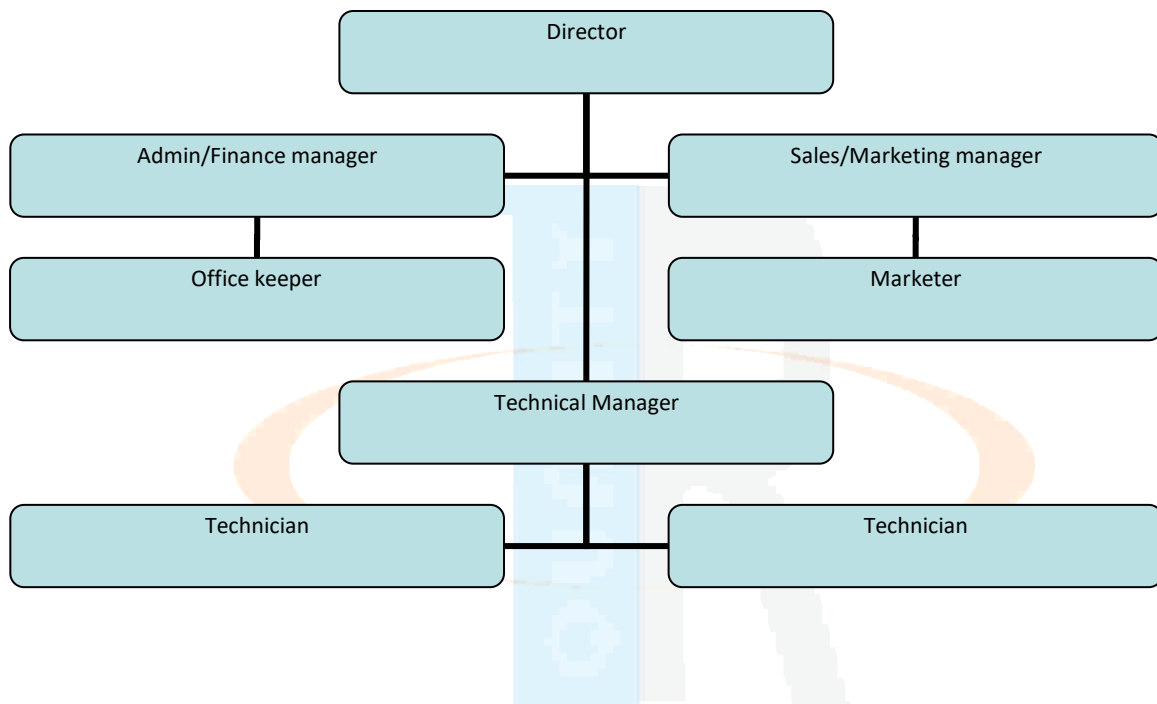


TRACEBLE MEASUREMENT CENTRE LIMITED

Traceble Measurement Center (TMC) is an authentic Local Company specializing in the comprehensive Calibration and service of Laboratory, factory and medical equipment in the greater East African Region. The solutions we offer include systems, packages, Software, and Services.

Equipped with some of the most accurate standards available, we are technically the best calibration laboratory in Kenya. All calibrations undertaken by TMC are traceable to international standards. We are ISO 17025 accredited by KENAS and internationally recognized by International Laboratory Accreditation Cooperation (ILAC) and the International Accreditation Forum (IAF).

Staff



Services

We do calibration in the following Scopes:

a) Temperature- We do calibrate instruments to a best measurement uncertainty of 1°C. The instruments we calibrate includes:

1. Liquid in Glass thermometers
2. Digital thermometers
3. Thermocouples
4. RTD's
5. Ovens
6. Incubators
7. Autoclaves
8. Moisture analyzer
9. Furnaces
10. Process temperature indicators and controllers
11. Freezers, Refrigerators, Cold rooms and Chillers
12. Humidity meters and thermohygrometers



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b) Mass – We have reference masses capable of calibrating laboratory balances, weighing scales and moisture meters/analyzers.



c) Pressure – We can calibrate pressure equipment in the range of 0 bar to 2500 bar





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d) Magnets and metal detectors – We are able to validate the strength of magnets and metal detectors using a standard gauss meter.



e) Small volumes - We do calibrate volumetric glassware such as pipettes, burettes, volumetric flasks and cylinders



f) Length – We use gage blocks standard to calibrate length equipment such as micrometer screw gauge, ruler, vernier caliper and dial indicators.





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g) AC/DC Measurements – We have the capacity to calibrate equipment that transmit electric currents such as multimeters, voltmeters, Conductivity meters, pH meters among others



Services, Repair and supply of instruments:

At TMC, we repair laboratory and medical instruments. The instruments we service include, Cold rooms, X-Rays, Spectrophotometers, Baths, and Refrigerators etc. We also supply laboratory chemicals and instruments.

We pride ourselves in having amongst ourselves the most competent staff in calibration of instruments measurement. At TMC we can provide our services to our customers at either our own environmentally controlled laboratory facility or at the customer premises. We also boast of having a quick turnaround time from the time of calibration request by client to the delivery of certificates at the customer's premises.

Why calibrate?

The main reason for calibration is that even the best instruments undergo a drift and lose their ability to give accurate measurements. This drift makes calibration necessary.

Specific reasons for calibration include:

- To keep high and consistent product quality
- Industry regulations/quality systems require calibration
- Optimize process and increase capacity
- Safety reasons
- Check quality of measurements
- Direct economic benefits (e.g. from proper billing)
- Controlling emissions

Clientele

We offer equipment calibration services to private companies' as well as government organizations.

Some of our clients include:

1. Kenya Tea Development Agency (KTDA)
2. Bhachu Industries
3. Kariki/Carzan flower farms
4. Nyayo tea zones
5. Kenya water institute
6. Kenya Plant Health Inspectorate Service (KEPHIS)
7. Afrimac nut company
8. Syngenta Kenya
9. Quality meat packers (QMP Kenya ltd)
10. PanAfrica Transformers & Switchgears Limited.....etc