



Forum: Metrology – Trade Facilitator Request for support



GHANA

Core Problem:

The Metrology Division of Ghana Standards Board has the following core problem:

- None of the Metrology services is accredited;
- Our reference standards are not traceable since their calibration periods are over;
- Staff are not exposed to international laboratories.

Significance of the problem:

The country is promoting private sector development with emphasis on export of non-traditional exports.

The fact that none of our laboratories is accredited, most of the exporters prefer sending their products samples outside Ghana, especially to accredited laboratories in Europe, to have their samples tested and for conformance assessment.

This practice obviously is a drain to the companies and a loss to our country Ghana.

What is needed:

There is the need to have assistances in the following areas:

- Traceability to our physical standards;
- Accreditation to our mass, temperature, pressure and volume laboratories;
- Staff training and attachments to accredited laboratories outside Ghana.

Contributions:

Internally, GSB can contribute the following to overcome the problem:

- Modest metrology laboratory – for mass, temperature, pressure and volume
- Qualified staff to be trained. Some have already been trained in ISO/IEC 17025
- E₂ (1 mg – 2 kg), F₁ (1 mg – 20 kg) for calibration
- Equal arm balances of 200 g, 1 kg, and 5 kg capacity
- Mass comparators: 220 g × 0.1 mg/0.01 mg; 2300 g × 0.1 mg; 1 500 kg × 0.01 g; 1.5 t × 0.1 kg
- Temperature calibrators up to 650 °C
- Pressure calibrators up to 90 bar

Whom to address:

During the Forum:

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After the Forum:

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