

[INDONESIA] - Economy Report Highlights

Key Activities - 2016 / 2017

Legislative Frameworks

Several regulation that serves as foundation for metrology activity is under review, i.e.:

- Mandatory initial and subsequent verification of measuring instrument (MoT regulation number 8/2010)
- Management of Metrology Human Resources (MoT regulation number 69/2014)
- Metrology Training (MoT number 7/2010)



kWh Meter Verification

- At moment, only 50% of installed kWh meter has been verified. DoM discussed with State Electricity Company to seek the way out of the current problem
- Some proposal come out during discussion are: verification of kWh meter by sampling method, replacing old meters with new meters, extending the period of subsequent verification



Development of Length Laboratory

- DoM purchased a Linear Gauge to replace a 20 meters comparator.
- Technical specification:
Digital scale = 20 m; accuracy grade = $\pm 20 \mu\text{m}$; dimensional tolerance = $\pm 0,1 \text{ mm}$; high resolution camera
- It is used as standard of depth tape, measuring tape, UTI, and roll meter.



Future Focus - 2018 & beyond

Metrological Training

- The initial training for verification officer is conducted in 5 months, based on the consideration of various type of measuring equipment in province
- New training system will shorten teaching duration and improve verification officer's competence because it based on competence standard

Procurement of Gas Meter Installation

- Indonesia Government has made beneficiaries programs using natural gas, is called National Gas Network. Ministry of Energy and Mineral Resources aims 1,3 million household gas network until 2019.
- To anticipate a large number gas meter that needs to be type approval and verified, DoM plans to build two installation for gas meter verification