

Chinese Taipei- Economy Report Highlights

Key Activities – 2018/19

Amendment of Regulations Governing Self-verification Conducted by Measuring Instrument Enterprises

- About this regulation
 - Requirements to be a self-verifier
 - Powers and duties of a self-verifier
 - Offences and penalties
- About this amendment
 - Make proficiency testings mandatory
 - Make penalties of unintentional offences lighter



The Executive Yuan Gazette Online

Amendment of Enforcement Rules of the Weights and Measures Act

- About this Enforcement Rules
 - Define the categories and scopes of legal measuring instrument
 - Supplement explanations and requirements of the Act

1. Taximeters
2. Weighing instruments (basically NAWIs)
3. Electricity meters
4. Volumeters: Liquid volumetric meters, Diaphragm gas meters, Water meters, Oil meters, LPG flow meters
5. Electrical thermometers
6. Non-invasive mechanical sphygmomanometers
7. Speedometers (for law enforcement): Radar speedometers, Laser speedometers, Inductive-loop speedometers
8. Sound level meters (for law enforcement)
9. Concentration meters: Breathe alcohol testers and analyzers - Rice grain moisture meters - Field corn moisture meters - Vehicles exhaust emissions analyzers
10. Illuminance meters (for official inspection)



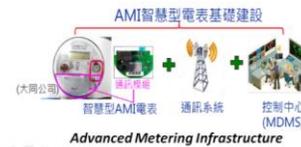
1. Weights	5. Specific gravity meters
2. Force meters	6. Surface area meters
3. Radiation meters	7. Heat meters
4. Density meters	8. Deniermeters

About the other 10 categories:

- The other 10 categories are given specific items after the latest amendment in August 2019
- These 10 are now the same as legal measuring instrument subject to verification

Some Measures Responding to Utility Meters Go Safer and Go Smart

- National policies:
 - 3 million households electricity meters go smart before 2024
 - Households mechanical gas meters go safer before 2021 plus the effect of LPG transaction by volume
- The countermeasures of the BSMI
 - To expand the scopes of authorized company self-verification
 - To hold extra metrological personnel examinations



Future Focus - 2020 & beyond

Review on Regulations Governing Management of Metrological Technical Personnel

- About this regulation
 - How to get a certificate
 - How to maintain and renew a certificate
- Issues to be reviewed
 - Loosening the eligibility requirements for candidate of Class A examination
 - Evaluating the requirement of learning credits for certificate renewal



Photo Source: Unsplash.com



Promotion of Self-verification Scheme

- Status quo
 - 5 kinds of measuring instrument manufacturers allowed
 - Only 2 kinds of measuring instrument manufacturers joined in
- To promote the scheme
 - To understand why not
 - To clarify misunderstandings and advantages
 - To ease the BSMI's pressure



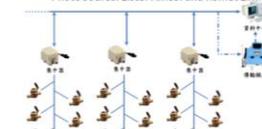
Review on Type Approval Technical Specifications of Gas and Water Meters

- Current categories:
 - Gas meter: diaphragm gas meter only
 - Water meter: vortex, volumetric and velocity water meters only
- Facing issues
 - More and more types of utility meter are developed
 - Digitalization of utility meters



A variety of Different Types Meters

Photo Source: Elster Amco. and Ramet Limited



Meters Go Smart through Digitalization