

Summary of Economy reports 8–11 May 2018 at NMIM, Sepang, Malaysia

MEDEA: Training Course on the Verification of Non-automatic Weighing Instruments including Weighbridges

Economy	Law	Who does verify	Verification period	MPEs	Traceable weights	Type approval (SS)	Type approval weighbridges (WB)	OIML R76 Implemented	Problems	Other information
Bhutan	No	Inspectors	SS: 1 year;	SS: R76 WB: not verified	SS: Yes WB: no	No, but verified by NML before using	No, presently NML, does not verify WB	Yes	Legal metrology law being framed	N/A
Cambodia	Yes	Inspectors	SS: 1 year; WB: 1 year	SS &WB: R76	SS: Yes; WB: Yes	No, verified without checking type approval	No, verified without checking type approval	Yes	N/A	N/A
India	Yes	Inspectors	SS: 1 year; WB: 1 year	SS: R76 WB: R76-1:2006	SS: Yes; WB: Yes	Yes	Yes	Yes	None	
Indonesia	Yes	Inspectors	SS: 1 year; WB: 1 year	SS &WB: R76	SS: Yes; WB: no, as expensive	Yes	Yes	Partially	Lack of standard weights and equipment; geographical issues.	Educational Backgrounds of Inspector
Malaysia	Yes	Inspectors	SS: 1 year; WB: 1 year	SS: 1 year; WB: 1 year	SS: Yes; WB: Yes	Yes	Yes	Partially	Update Weights and Measures Act	
Mongolia	Yes	Inspectors	SS: 1 year; WB: > 60 t 6 months < 60 t 1 year	SS: 1e, 2e, 3e; WB: 1e, 2e ,3e	SS: Yes	Only metrological tests. There is no testing equipment for technical tests	Only metrological tests. No testing equipment for technical tests. No manufacturers of weighing instruments in the Mongolia	Partially implemented	Need to improve the skills of verification officers. Increase /improve capacity of standard weights and other equipment.	

Philippines	No	Inspectors	SS: 6 months, WB: 1 year	SS & WB: In-service MPE,	SS: yes, WB: No	No. Local Government Unit carries out inservice inspection	No. NML conducts subsequent verification which involves Shift Test, Repeatability Test and Errors of Indication.	Partially implemented	No facilities for verification of NAWI. Inadequate standards. No legislation related to metrological control of NAWI	N/A
Solomon Islands	Yes	Inspectors	SS: 6 month WB: 1 year	SS: 2.0g; WB: 1.5kg	SS: Yes; WB: no, All the higher weights owned by private companies	No, Act and Regs require a permit to import measuring instruments. Must provide Type Approval Certificate from the manufacturers/testing institutes.	No, Act and Regs but require a permit to import measuring instruments. Must provide Type Approval Certificate from the manufacturers/testing institutes.		Need proper laboratory and equipment; qualified trained Officers; enough funding from the Government to sustain the laboratory	Inspectors verify NAWIs before they can be used for trade. No traceable weights to verify and calibrate weighbridges. *
Sri Lanka	Yes	Inspectors	SS: 1 year; WB: 1 year	SS: 1g-100g; WB: 5kg, 10kg, 20kg	SS & WB: R76	Yes	Yes	Fully implemented	Introduce new procedure accordingly to new technology. e.g. pollution testing	Regulations, Testing & management procedures, experience,
Tonga	Yes But under review	Inspectors	SS: 6 month WB: 6 month	SS: 0.5; WB: 0.5	SS: Yes; WB: Yes	Yes	Yes	Not implemented yet	Need to incorporate OIML into current Legislations	N/A
Vietnam	Yes	Inspectors	SS: 1 year; WB: 1 year	SS & WB R76	SS: Yes; WB: Yes	Yes	Yes		No	N/A

*Economies with well developed Metrology Systems should assist developing economies with equipment and technical expertise.