



**26th ASIA-PACIFIC LEGAL
METROLOGY FORUM AND
WORKING GROUP MEETINGS**
6-8 November 2019, Ha Long City,
Quang Ninh Province, Viet Nam



APLMF Secretariat Training Coordinator Report - 2019

Presented by: Marian Haire





Key activities of 2018/19

Course Name	Venue/ host	Trainers	Delivery dates
Verification of Rice Moisture Measurement	Thailand	Thailand, Malaysia Japan, Cambodia & Indonesia	3-7 December 2018
Type Approval using OIML CS	China	OIML	15-17 July 2019
Pattern approval/verification of water meters	Sepang, Malaysia	Malaysia	15-18 October 2019



Key feature of this year's work

Strengthening the Working Groups

- Representation from developing economies
- Updated TORs and work programmes
- Training sessions for WG Chairs to demonstrate how to use CENTRA to meet.
- Four WGs meetings this week to progress their work



Key feature of this year's work

WG to develop eLearning modules

Delivery date	Topic	WG responsible
2019	NAWI	Secretariat
2020	AQS	Goods Packed by Measure
2020	Rice moisture meters	QMAP
2020	Spring balances	NAWI
2020	Weighbridges	NAWI
2020	OIML CS	OIML Certificate system



Key feature of this year's work

WG to develop eLearning modules continued

Delivery date	Topic	WG responsible
2021	Fuel dispensers	Metrological Control Systems
2021	Taxi meters	Metrological Control Systems
2021	Water meters	Utility Meters
2022	Bulk fuel	Metrological Control Systems
2022	CNG	Metrological Control Systems



Key feature of this year's work

First eLearning module completed

- NAWI module completed by developers
- Guide 8 completed - to support WGs work
- Quality assurance process implemented for NAWI
- Australia and OIML provided feedback on NAWI
- OIML to host NAWI module on their LMS



Key feature of this year's work

Develop monitoring and evaluation system for training courses

- MEDEA procedures contain monitoring and evaluation process for Secretariats to implement
- Procedures set out how to request new MEDEA programs and how to manage the practical aspects of delivering a MEDEA program



Key feature of this year's work

Publicise case studies

- Metrology Portal to publicise case studies to promote the value of legal metrology
- Suggestion was that the materials provided be uploaded in draft with limited access so the case studies can be evaluated by a team
- Linked to training on How to write a Case Study planned in 2020



Key feature of this year's work

CABUREK – support national projects – 2 meetings

Nepal	Surveillance of Fuel Dispenser	To protect consumer rights
Fiji	Pattern Approval certificates available to inspectors	Inspectors better equipped to inspect instruments
Thailand	Market Surveillance of Spring scale	Spring scales used in Thailand are verified and inspected
Bangladesh	Metrological control of weighing instruments	Increased consumer and business confidence in the market-place
China	Supervise pre-package goods	Compliance rate for 8 types of pre-package goods is over 90%.
Sri Lanka	Verification of Rice Moisture Meters	Provide traceability for Rice Moisture Meters



Key feature of this year's work

Identify and support regional trainers

- Regional trainers identified/developed for NAWI, fuel dispensers and Water meters courses – names are now listed on our website
- Mohammad Azwan from Malaysia was supported to attend a 3 week PTB course on software evaluation. He will now prepare an APLMF course for delivery in March 2021



Procedures for the Development and Approval of Guide Documents

Modify step 3

Now: The appropriate WG creates the Guide Document and provides the draft to Secretariat. The draft is uploaded to Member Only section of the APLMF website (documents for review).

Suggestion: The appropriate WG creates the Guide Document ~~and~~ including a quality review process. Once complete a draft is sent to the Secretariat explaining the purpose of the document and the review process undertaken. The draft is uploaded to Member Only section of the APLMF website (documents for review).



Future Focus - Recommendations

Course	Host	Trainers	Date
Calibration and Testing Sphygmomanometers	Malaysia	PTB CMS/ITRI NMIM	11-15 November 2019
Verification of belt weighers	Malaysia	Australia	15-19 June, 2020
Pre-Packaged Goods	Indonesia	New Zealand Indonesia	20-23 July, 2020
Approval/verification of electricity meters	China	Korea	September 2020
Verification of rice moisture meters	TBA	TBA	2020

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Future Focus - Recommendations

Course	Host	Trainers	Dates
Software examination	Malaysia	Malaysia + others	Feb/ March 2021
How to develop a case study	TBA	Laurie Winkless, NZ	Aug - Oct 2020 2-day course
Approval/verification of gas meters	TBA		2021
Verification of Weighing in Motion Systems	Malaysia	Malaysia	Feb/March 2021



Future Focus - Recommendations

OIML Training Centre

- Liaise with Su Guo to deliver a suitable training program under the OTC



Future Focus - Recommendations

MEDEA 3 program which will span 2021 - 24.

- Step 1 - budget approval.
- 12 months to develop two separate proposals.
- Important we start to think about the components and deliverables of this program
- Please write ideas on butcher paper rear registration table



Emerging Issues

Training Coordinator's position

- Ends in 2020
- Is there a potential candidate?





Thank you for your attention



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