



Australian Government
National Measurement Institute

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Courses since APLMF 20

- Smart Electricity (**Self-funded**) 17 -20
June 2013 (80/3)
- A further course is planned for 25-29
November in Chiang Mai on Traceability
of Rice Moisture Meters

Evaluation of Training programs

- Very few evaluation forms have been collected
- This provides little feedback to the Secretariat or the WGs
- Secretariat intends to collect evaluation forms during the training in future

APLMF Test Procedures

- All WG Chairs were requested to supply test procedures
- Test procedures for Prepackaged articles, fuel dispensers, bulk fuel, NAWI and LPG dispensers were sent to all economies
- Test Procedures on rice moisture verification are pending

APLMF Test Procedures (TP)

- These TPs are intended to be a starting point
- Next step would be to establish working groups who would develop APLMF docs
- Final documents should build on existing TP but be badged as APLMF docs and have input from developing economies

Benefits survey results

- Clearly training activities are highly valued by members (13/19 responses)
- Implementation of an OIML recommendation often requires changes in legislation which take time and planning
- Training activities provide opportunities to discuss requirements and come to a common understanding

Benefits survey results

- Allows good foundation for planning changes required to legislation
- Impressive to see some economies are reporting legislation has been changed as a result of attending training activities
- Singapore: Implemented controls for bunkering
- Indonesia developing regulations for Meter kWh, moisture meter, prepackaged goods

Benefits survey results

- Chinese Taipei: report training influences new specifications for verification
- Philippines: large oil company implemented improvements based on OIML
- Thailand: revised regulations for fuel/CNG dispensers, NAWI, rice moisture meter and prepackaged goods
- Malaysia: harmonize to OIML

Benefits survey results

- Developing economies report training provides:
 - opportunities to learn about new technologies and test procedures
 - Time to discuss requirements and come to a common understanding
 - a good foundation for planning changes to legislation

Benefits survey results

- Developed economies report training provides opportunities to:
 - share information
 - strengthen APLMF as a RLMO
 - participate effectively on OIML technical committees
 - understand the impediments faced by developing economies

Sharing Info within economies

- 8 E require formal training of others
- 3 E pass on information o the job
- Most report the training materials are made available to others through their records management system

APLMF Website

- Everyone can assess training materials on website.
- Most find it useful
- Request not to put up PP but to develop documents for all training courses

APLMF Website innovations

- Short video clips of practical demonstrations
- Updated list of member reps
- News articles in field of metrology
- Participants reports from training
- Outline of how all member economies operate (infrastructure, test procedures, etc)

APLMF Website innovations

- Practical test methods
- Information about legal metrological control particularly in new fields
- OIML recommendations, OIML certificate of conformity or pattern approval
- Training programs offered by member economies

APLMF Website innovations

- Events
- News
- WG activities
- Updated regulations

Priorities for 2014-15

- R79, R87 Pre-packaged products (8)
- R117 Petroleum Products (7)
- R76 NAWI (6)
- R49 Water meters (4)
- Lots of others priorities but no significant pattern

Priorities for 2014-15

- Indonesia happy to host training
- Malaysia will host CNG training

Other Comments

- Seminars or workshops are more valuable for new areas as they allow more discussion and sharing
- Some topics need to be delivered more than once over a 3-5 year cycle
- Some topics needs to be extended after the initial program
- Develop handbooks for all activities

Other Comments

- More practical sessions
- Incorporate pre and post test for all activities
- Feedback forms should be approved by organisers and implemented during the activity then collated
- Include Guide 1 in all activities

PTB Program

- Focus on enhancing developing economies metrological infrastructure
- Increased cooperation between APMP and APLMF
- APLMF will need to endorse participation in project and develop a project plan
- This will be discussed in detail at 4 pm

Work plan for 2014-15

- When using self funded model we achieve 1-2 activities per year
- With funding we achieved more like 4 or 6 activities
- An activity requires both a need and a source of trainers
- Do we use the priorities from survey to drive our work plan?

Priorities for 2014-15

■ R79, R87 Pre-packaged products (8)

Singapore, Indonesia, Canada, Chinese Taipei , Thailand, Cambodia, Malaysia, New Zealand

■ R117 Petroleum Products (7)

Singapore, Canada, Philippines, Japan, Vietnam, Thailand, Cambodia

■ R76 NAWI (6)

Singapore, Indonesia, Chinese Taipei, Japan, Thailand, Malaysia

■ R49 Water meters (4)

Indonesia, Chinese Taipei , Japan, Cambodia,



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