

Asia-Pacific Legal Metrology Forum
25th Meeting – November 2018
Christchurch, New Zealand

Utility Meters Working Group

Meeting Agenda

- Update on 2018 APLMF activities
- Update and discussion on OIML activities related to utility meters
- Next steps for Utility Meters Working Group

2018 APLMF Activities

Training on Utility Meters

2018 APLMF Activities

No training delivered on utility meters in 2017/18

2018 OIML Activities

Utility Meters

2018 OIML Activities

Electricity Meters

TC 12 - R46

- The TC-12 met in May 2018.
- Comments on 1 WD of R46 were reviewed
- Role for OIML TC 12 in the context of multiple standard setting bodies was reviewed, preferred options retained;
 - to maintain R46 in current form and revise it
 - add annexes to include applications and non-standard uses to close the gap with other standards and promote harmonisation.
- Ad-Hoc working groups were formed
 - Fundamental v/s Harmonic power
 - Electric Vehicle Charging Stations
 - Smart Street Lighting
 - Reactive Energy
 - Remote displays and meters with modular components

APLMF members:

- Australia (P)*
- Canada (P)
- PR China (P)
- Indonesia (P)
- Japan (P)
- Rep. of Korea (P)
- USA (P)

* secretariat/convener

2018 OIML Activities

Water Meters

TC8/SC5 -R49

- No activity in 2017/18

APLMF members:

- Australia (P)
- Canada (P)
- PR China (P)
- Indonesia (O)
- Japan (P)
- Rep. of Korea (P)
- USA (P)

- R49 latest revision was issued in 2013
- There is currently an OIML Publication Review process underway to determine whether to reconfirm, revise or withdraw R49. Deadline to vote is December 24, 2018.

2018 OIML Activities

Work on Natural Gas Meters

TC8/SC7

APLMF members:

- Australia (P)
- Canada (P)
- PR China (P)
- Japan (P)
- Rep.of Korea (P)
- USA (P)

■ R-137 Gas Meters

- Revised R137 issued in 2014
- No activity in 2016/17

■ R-139 Compressed gaseous fuel measuring systems for vehicles

- A Final draft was submitted to CIML for approval in July
- This final draft was approved at CIML meeting in Hamburg in October

■ R-140 Measuring systems for gaseous fuels

- First working draft (1WD) to be circulated to project group (PG) members in 2018.

2018 OIML Activities

Application of Statistical Methods

TC3/SC4

APLMF members:

- Australia (P)
- Canada (O)
- PR China (P)
- Indonesia (O)
- Japan (P)
- USA (P)

- **Surveillance of utility meters in service on the basis of sampling inspections**
 - At the 53rd CIML Meeting a new project, under the responsibility of TC 3/SC 4, was approved. TC 3/SC 4 has been tasked with the development of a new Document *Surveillance of utility meters in service on the basis of sampling inspections*

2018 OIML Activities

Software

TC5/SC2/P3 – D31

APLMF members:

- Australia (P)
- Canada (P)
- PR China (P)
- Indonesia (O)
- Japan (P)
- Rep. of Korea (P)
- USA (P)

- 1 CD was circulated to project group for comment in January of 2018
- A project group meeting took place in April 2018 in Dordrecht, Netherlands to review comments on 1CD.
- 2 CD will be presented for comment and vote shortly

Working Group on Utility Measures

Future Focus

- Previous chair for this Working Group has retired. Next steps for the Working Group are to be identified.
- The Executive Committee recommends the following:
 - The current Terms of Reference should be reviewed to include development of further training in areas of gas, water, electricity meters and electric vehicle charging stations.
 - The nomination of a new chair and at least 3 other member economies who will participate in this WG.