

Asia-Pacific Legal Metrology Forum
24th Meeting – October 2017
Siem Reap, Cambodia

Utility Meters Working Group

Meeting Agenda

- Update on 2017 APLMF activities
- Update and discussion on OIML activities related to utility meters
- Defining a role for Utility Meters Working Group

2017 APLMF Activities

Training on Utility Meters

2017 APLMF Activities

Training on water meters delivered in Malaysia in August 2017.

2017 OIML Activities

Utility Meters

2017 OIML Activities

Electricity Meters

TC 12 - R46

- Project proposal approved by CIML at October 2016 meeting

APLMF members:

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

- The development of a first working draft is currently in progress
- Issues to be addressed include:
 - New technologies and market applications
 - Clarify interpretation of harmonic content requirements
 - Making R46 more adaptable (modular), and more widely applicable

* secretariat/convener

2017 OIML Activities

Water Meters

TC8/SC5 -R49

- No activity in 2016/17

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
- OIML model requirements are now up-to-date for water meters and are harmonized with ISO

2017 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 first CD was issued on May 24, 2017 (comments due back for August 28)
- A WG meeting was held September 18 to 20 in Delft, The Netherlands

■ R-140 Measuring systems for gaseous fuels

- A first working draft of R140 is expected to be circulated prior to a project group meeting by the end of 2017

2017 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 52nd CIML meeting this document was approved to be published as an OIML Guide
 - OIML TC 3/SC 4 has been asked to make a proposal to the 53rd CIML Meeting concerning the further improvement of this document

2017 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)

- A project group was established in October 2016
- A working draft was issued in April 2017
- Comments were due back by July 31, 2017
- A project group meeting was held in Berlin on September 20 and 21, 2017
- Next project group meeting is tentatively scheduled for April of 2018

Working Group on Utility Measures

Future Focus

- Discussion is required to define the role of the Working Group on Utility Measures.
- If there is a continued need for the Working Group an appropriate way forward will need to be developed.