

APMP Activities Relating to CIPM-MRA

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Abstract

Asia Pacific Metrology Programme (APMP) has established in 1980, and consists of 21 Full member economies which comprise 32 National Metrology Institutes (NMIs), and 5 Associate members that include 5 NMIs. One of the principal missions of APMP after establishment of the CIPM-MRA in 1999 has been the review and posting the Calibration and Measurement Capabilities (CMCs) of member NMIs to the Key Comparison DataBase (KCDB) as the Regional Metrology Organization (RMO) in Asia Pacific region.

Out of 21 Full members, 14 economies are the signatories to the CIPM-MRA, and 12 of them have published about 3,000 CMCs in the KCDB. (Up to now, the number of All published CMCs is about 18,000.) Taking that the transition period of CMC posting has finished and that pace of CMC posting is showing tendency of stability, the APMP should focus on the following three points with regard to the CIPM-MRA.

- (1) To promote the posting of CMCs for Environment, Food and Medical, which have been adding weight in the metrology standards.
- (2) To take positive measures to encourage the member NMIs those who have not signed the CIPM-MRA or have not posted their CMCs yet.
- (3) To watch the balance between reliability and cost in posting CMCs and maintaining the published CMCs.

In order to work out the above three important issues, the APMP Technical Committee for Quantity of Material (TCQM) for (1), the Developing Economies Committee (DEC) for (2), and Technical Committee for Quality System (TCQS) is for (3), are providing the seminars and workshops in each field. In this report, these approaches and activities will be introduced.