

Foreword

This booklet is one of outcomes of the APEC Seminars and Training Courses in Legal Metrology titled ‘Training Course on Electricity Meters’ that was held on February 28 - March 3, 2006 at the Rex Hotel in Ho Chi Minh City, Viet Nam. This training course was the second training course conducted as a follow-up of the first course held in March, 2005 in Hanoi. It was organized by the Asia-Pacific Legal Metrology Forum (APLMF) with a support fund of APEC-TILF (Trade and Investment Liberalization and Facilitation) program, CTI-10/2005T. The training course was also supported by (1) Directorate for Standards and Quality (STAMEQ), Viet Nam, (2) Measurement Canada, Government of Canada, (3) National Metrology Institute of Japan (NMIJ) and (4) Japan Electric Meters Inspection Corporation (JEMIC). Having this result, I would like to extend my sincere gratitude to all the staffs of STAMEQ, two trainers from Measurement Canada and two trainers from JEMIC, and the Working Group on Utility Meters of APLMF chaired by Measurement Canada. Also, special thanks should be extended to the APEC Secretariat for their great contributions.

We have conducted the surveys among the APEC member economies concerning seminar and training programs in legal metrology to find their needs as well as possible resources which would be available for the region. The survey shows that there is still a strong need for repeating training courses on electricity meters that is one of the most essential categories of instruments in legal metrology and is also closely connected to our daily life. In addition, according to the globalization of international trade in worldwide, the compliance to international recommendations related to electricity meters, which are represented by the ISO/IEC 62053 series and the OIML Recommendation R46, is becoming an important issue for the APEC and APLMF member economies.

Main target of this training course was to assist the experts in charge of type approval and/or verification of electricity meters in the APEC / APLMF member economies to learn in depth and to develop common understanding about the verification procedures based on the international standards and OIML recommendations. Thus the target would meet the APEC objective to harmonize metrology legislation within the OIML framework. The contents of the training course were focused on the understandings of basic principle and construction of electricity meters, international or national recommendations related to the electricity meters, and learning of actual test procedures.

In view of these situations, this training course on electricity meters had been planned and completed successfully so as to settle a sure basis of confidence in legal metrology related to the measurement of electric power within the Asia-Pacific region. I would like to say that this

is certainly the valuable second step to fruitful activities in legal metrology related to electricity meters in the Asia-Pacific region.

I am really pleased to have this outcome from the training course and again deeply appreciate the APEC Secretariat's generosity in contributing to the development in legal metrology among the APLMF member economies.

June 1, 2006

A handwritten signature in black ink, appearing to read "Akira Ooiwa". The signature is fluid and cursive, with the first name "Akira" and the last name "Ooiwa" clearly distinguishable.

Dr. Akira Ooiwa
APLMF President