



OIML/APLMF Seminar on the OIML Certification System

Promoting Global Harmonization for Measuring Instruments

15–17 July 2019, Hangzhou, P.R. China

This seminar is part of the MEDEA Project work program, which is supported by the Physikalisch-Technische Bundesanstalt (PTB), in partnership with the OIML Training Centre (OTC). It is hosted and supported by the State Administration for Market Regulation (SAMR), P.R. China.

Introduction

The legal metrological control of measuring instruments used in trade, safety, health and the environment is vital to support economic and social development in an economy. As the use of measuring instruments continues to increase, so too does the importance of implementing standardized controls at the national and regional levels for determining the conformity of these measuring instruments. However, it can be impractical for every economy to develop type evaluation facilities and to ensure the level of competence that is necessary to determine the conformity of measuring instruments.

The OIML promotes the global harmonization of legal metrology procedures. It has developed a mutual recognition system to reduce trade barriers and costs in a global market. The OIML Certification System (OIML-CS) was launched on 1 January 2018, replacing the previous OIML Basic Certificate System and the OIML Mutual Acceptance Arrangement (MAA).

It is a system for issuing, registering and using OIML Certificates and their associated OIML type evaluation and test reports for measuring instruments based on the requirements of OIML Recommendations.

The aim of the OIML-CS is to facilitate, accelerate and harmonise the work of national and regional bodies that are responsible for type evaluation and type approval of measuring instruments subject to legal metrological control. It reduces unnecessary re-testing of measuring instruments when obtaining national or regional type approvals.

Objective

This seminar is primarily focused on providing participants with a detailed understanding of the OIML-CS and how it can support an economy to implement a new national type approval system, without the need to invest in expensive test facilities. Existing participants in the OIML-CS will explain how it has benefitted their economy. Breakout sessions will enable participants to share their knowledge and experiences and to identify the needs for their economy and the region.

The structure and operation of the OIML-CS will be detailed, including the management structures and supporting documents such as OIML B 18 *Framework for the OIML Certification System (OIML-CS)* and the Operational and Procedural Documents.

Participants will also acquire a detailed understanding of the requirements to participate and the processes to follow in order to participate in the OIML-CS.

Participants in the seminar will

- understand the benefits of the OIML-CS,
- determine how the OIML-CS can support their economy to implement, or further develop, a national type approval system,
- learn how other economies have used the OIML-CS to support their national or regional type approval systems,
- understand the requirements for participation in the OIML-CS, and
- understand the processes to follow to participate in the OIML-CS as an OIML Issuing Authority, Utilizer or Associate.

The aim of this seminar is to help improve and harmonise metrology capability and type approval controls in the Asia-Pacific region, and to facilitate trade development through the removal of technical barriers and the application of consistent regulatory practice.

Who should attend

The seminar is aimed at Directors and/or senior representatives of the national metrology authority or the body responsible for the legal control of measuring instruments in each economy. Participation in the event is limited to a maximum of two delegates per economy. Each delegate must demonstrate that they have a decision-making role within their economy.

Organizers

1. International Organization of Legal Metrology (OIML)
2. Asia-Pacific Legal Metrology Forum (APLMF)
3. International Organization of Legal Metrology (OIML) Training Center (OTC)
4. Physikalisch-Technische Bundesanstalt (PTB) – MEDEA project

Supporting Organizations

Host, accommodation and meal support - Department of Metrology, The State Administration for Market Regulation (SAMR), P.R. China.

Key Speakers

Mr. Paul Dixon, BIML Assistant Director and OIML-CS Executive Secretary will participate in the seminar. Other speakers with direct experience of the OIML-CS and experience in establishing national and regional type approval systems will be announced in the near future.

Registration

Please complete the “Nomination Form” and send it to PTB by email to: Catharina.Watzl@ptb.de by **15 May 2019**.

Visa assistance

If you need a visa to enter P.R. China, please complete the Visa Request Form and send it to: zhenghuaxin_aqsiq@163.com by **15 May 2019**. Upon receipt you will be sent an official letter of invitation to enable you to make your visa application.

Venue, Accommodation and Local Cost:

The venue and accommodation will be arranged by SAMR, P.R. China. The details will be announced once nominations have been approved.

All costs in Hangzhou (e.g. accommodation, food, local transportation, etc.) will be covered by SAMR, P.R. China.

CASE A: Participants from Asia

Up to two overseas participants from each developing economy in Asia will receive an economy class return flight ticket and free airport transfer. Participants from economies classified as developing economies under the OECD Development Co-operation Directorate (ODCD-DAC)¹ are eligible.

Flight tickets will be booked by the PTB on acceptance of your nomination form.

CASE B: Participants from regions outside of Asia

Participants from outside of Asia will use self-funding for their return travel to P.R. China. Other costs in P.R. China will be paid by SAMR.

Climate

The average temperature in Hangzhou, P.R. China is between 25 °C and 34 °C in July.

Currency and credit cards

The local currency is the Chinese YUAN and JIAO. Banknote denominations are 100, 50, 20, 10, 5, and 1 YUAN and 5 JIAO (0.5 YUAN) and 1 JIAO (0.1 YUAN).

Major credit cards (Visa, Mastercard, etc.) are accepted in hotels and major department stores.

The exchange rate for 1 USD is about 6.7 YUAN.

Electricity Supply

The mains power supply voltage in P.R. China is 220–240 V AC, 50/60 Hz. Power plugs are of the 3-pin type. 2-pin power plugs are also used in some places.



¹ see <http://www.oecd.org/dac/stats/daclist.htm>. Eligible economies in Asia: Bangladesh, Bhutan, Cambodia, Fiji, India, Indonesia, Kyrgyzstan, Laos, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Papua New Guinea; Philippines, Sri Lanka, Thailand, Uzbekistan, Vietnam

Local Time

Local time is UTC/GMT +8 hours.

Contacts

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Host in P.R. China (Visa assistance, venue and access information):

Visa assistance and accommodation:

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**APLMF Seminar on the OIML OIML/ Certification System
Promoting Global Harmonization for Measuring Instruments
15-17 July 2019, Hangzhou, P.R. China**

Day 1: 15 July

Time	Session	Suggested Topics	Speaker
09:00 – 09:30	Opening	<ul style="list-style-type: none"> • Welcome Addresses • Introduction to the workshop • Group photo 	
09:30 – 10:30	Session 1: Introduction to the OIML	<ul style="list-style-type: none"> • Role of the OIML • OIML Recommendations and their role in the OIML Certification System • Legal Metrology and Quality Infrastructure 	
10:30 – 11:00	<i>Coffee/Tea</i>		
11:00 – 12:30	Session 2: Breakout session “Type approval controls”	<ul style="list-style-type: none"> • Introduction to the type approval system of each economy • Group discussions: <ul style="list-style-type: none"> • Existing type approval control • Type approval needs for the region • Feedback from groups 	
12:30 – 14:00	<i>Lunch</i>		
14:30 – 16:00	Session 3: Introduction to the OIML-CS	<ul style="list-style-type: none"> • OIML-CS overview • Structure • Scope • Documentation 	
16:00 – 16:30	<i>Coffee/Tea</i>		
16:30 – 17:30	Session 4: Stakeholder perspectives and experience sharing	<ul style="list-style-type: none"> • Industry • Issuing Authorities • Utilizers • Associates 	
18:00 – 20:00	<i>Dinner</i>		

Day 2: 16 July

Time	Session	Suggested Topics	Speaker
09:00 – 10:30	Session 5: Benefits of the OIML-CS	<ul style="list-style-type: none"> • Case studies <ul style="list-style-type: none"> • OIML Issuing Authority • Utilizers • Using the OIML-CS for national/regional type approvals 	
10:30 – 11:00	<i>Coffee/Tea</i>		
11:00 – 12:30	Session 6: Requirements for participation in the OIML-CS	<ul style="list-style-type: none"> • Requirements for participation • Accreditation • Peer assessment • Experts 	
12:30 – 13:30	<i>Lunch</i>		
13:30 – 17:30	Technical Visit	Visit to a company that has obtained OIML-CS certification	
18:00 – 20:00	<i>Dinner</i>		

Day 3: 17 July

Time	Session	Suggested Topics	Speaker
09:00 – 10:30	Session 7: Breakout session “Utilizing the OIML-CS”	<ul style="list-style-type: none"> • Group discussions: <ul style="list-style-type: none"> • How can the OIML-CS support economies to implement a new, or develop an existing national type approval system • Feedback from groups 	
10:30 – 11:00	<i>Coffee/Tea</i>		
11:00 – 12:00	Session 8: Participation in the OIML-CS	<ul style="list-style-type: none"> • Process to become a Utilizer/Associate • Process to become an OIML Issuing Authority • How to complete the application forms 	
12:00 – 12:30	Session 9: Q&A		
12:30 – 14:00	<i>Lunch</i>		