



**26th ASIA-PACIFIC LEGAL
METROLOGY FORUM AND
WORKING GROUP MEETINGS**
6-8 November 2019, Ha Long City,
Quang Ninh Province, Viet Nam



Working Group Report - 2019 [OIML Certificate System (OIML-CS)]

Presented by: Mrs. Zheng Huaxin





The Establishment of the Working Group

At the 51st meeting of the CIML approved the Framework (OIML B 18) for a new OIML Certification System (OIML-CS) to replace the OIML Basic Certificate System and the OIML Mutual Acceptance Arrangement (MAA). The OIML-CS started to implement on 1 January 2018.

The Working Group on OIML Certificate Systems was established at the 25th APLMF meeting held in New Zealand in November 2018 to replace the former Working Group on Mutual Acceptance Arrangement.



The membership of the Working Group

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|----|--------------------------------|---|
| 1. | Mrs ZHENG Huaxin | State Administration for Market Regulation (SAMR), P. R. China |
| 2. | Mr Alexander WINCHESTER | National Measurement Institute, Australia |
| 3. | Mr Khlaut Ousa | National Metrology Center of Cambodia |
| 4. | Mr Denny Tresna SESWARA | Directorate of Metrology, Ministry of Trade, Indonesia |
| 5. | Mr Phil SORRELL, | Trading Standards, Ministry of Business |
| | | Innovation & Employment (MBIE), New Zealand |
| 6. | Mrs Benjamas WINYA, | Bureau of Weights and Measures (BWM), Thailand |
| 7. | Mrs Cai Changqing | National Institute of Metrology, P. R. China |

Key activities of 2018/19

- **Participate in the OIML-CS MC meeting**

The Second OIML-CS Management Committee (MC) Meeting was held on 20-21 March 2019 in Delft, Netherlands. Cock Oosterman (MC Chairperson) chaired the meeting and 42 participants representing 18 countries and five liaison organizations attended the meeting.



Key activities of 2018/19

Some of the key items discussed at OIML-CS MC meeting were:

- Approval of applications for OIML IAs, TLs and experts
- Application of ISO/IEC 17065 for the competence of OIML Issuing Authorities
- Assessment requirements for OIML IAs and TLs
- Certification mark on measuring instruments and limiting the validity of OIML-CS Certificates
- Promotion and awareness raising
- Review of OIML IA annual reports
- OIML scope and transition arrangements
- Use of test data from field-sites for issuing OIML-CS Certificates
- Topics raised by the MG

Key activities of 2018/19

List of OIML Issuing Authorities and their scopes

		R 21:2007	R 46:2012	R 49:2006	R 49:2013	R 50:2014	R 51:2006	R 60:2000	R 61:2004	R 75:2002	R 76:1992	R 76:2006	R 85:2008	R 99:2008	R 106:2011	R 107:2007	R 117:1995	R 117:2007	R 126:1998	R 129:2000	R 134:2006	R 137:2012	R 139:2014
AU1	National Measurement Institute Australia (NMIA)																						
CH1	Federal Institute of Metrology (METAS)																						
CN2	National Institute of Metrology, China (NIM)																						
CZ1	Czech Metrology Institute (CMI)																						
DE1	Physikalisch-Technische Bundesanstalt (PTB)																						
DK2	FORCE Certification A/S																						
FR2	Laboratoire National de Métrologie et d'Essais (LNE)																						
GB1	NMO																						
JP1	NMIJ/AIST																						
NL1	NMI Certin B.V.																						
SE1	Research Institutes of Sweden (RISE)																						
SK1	Slovak Legal Metrology (SLM)																						



OIML Certification System (OIML-CS)

List of Utilizers, Associates and their scopes

1 = Scheme A only
2 = Scheme A and MAA
3 = Scheme A and B
4 = Scheme A, B and MAA

5 = Scheme B only

		R 16:2002	R 21:2007	R 35:2007	R 46:2012	R 49:2006	R 49:2013	R 50:2014	R 51:2006	R 58:1998	R 59:2016	R 60:2000	R 60:2017	R 61:2004	R 61:2017	R 75:2002	R 76:1992	R 76:2006	R 81:1998	R 85:2008	R 88:1998	R 93:1999
AU	National Measurement Institute, Australia (NMIA)					2						2				2	2					
BE	Federal Public Service Economy		3		3	3	3	3				1		3		3		1		3		
CA	Measurement Canada											2	1			1		2				
CH	Federal Institute of Metrology (METAS)				1	2	2	1	1			2		1		1		2				
CN	State Administration for Market Regulation (SAMR)								1			2	1				2	2				
CO	Superintendencia de Industria y Comercio (SIC)		3		3	4	4	3	3			2		3		3	2	2		3		
CU	Oficina Nacional de Normalizacion (NC)	3	3	3	1		1	3	1	3	3	1	1	3	3	3		1	3	3	3	3
CZ	Czech Metrology Institute (CMI)					1											1					
DE	Physikalisch-Technische Bundesanstalt (PTB)					4	3	3				2		3		3		2		3		
DK	FORCE Certification A/S					2	2	1	1			2		1			2	2				
FR	Laboratoire National de Métrologie et d'Essais (LNE)		1		1	1	1	1	1			1	1	1	1	1	1	1		1		
GB	NMO Certification		3			4	4	3	3			2		3			2	2		3		
IN	Legal Metrology Division, Department of Consumer Affairs		3		3		4	3	3			2		3		3		2		3		
JP	NMIJ/AIST											2					2	2				
KE	Weights and Measures Department			3	3	4	4		3			4	4	3	3		4	4		3		
KH	National Metrology Centre (NMC)		3		3	3	3	3	3			1		3		3	1	1		3		
KI	Ministry of Commerce, Industry and Cooperatives	5	5	5	5	1	1	5	1		5	1	1	5	5	5	1	1	5	5		5
KR	Korea Testing Certification (KTC)																2	2				
LV	LNMC Ltd. Metrology Bureau																					
NA	Namibian Standards Institution				3	4	4	3	3			2		3			4	4		3		
NL	NMi Certin B.V.		3		3	3	4	3	3			2		3		3	1	2		3		
NZ	Trading Standards (Ministry of Business, Innovation and Employment) (MBIE)					4	4	3	3			2					2	2		3		
RU	VNIIMS																					
RW	Rwanda Standards Board	3	3	3	3	3	3		3	3	3	1	1	3	3		1	1				
SA	SASO (Saudi Standards, Metrology and Quality Organization)				3		1						1					1				
SE	RISE Research Institutes of Sweden AB								3			2	1	3				2		3		
SK	Slovak Legal Metrology (SLM)																2					
TN	National Agency of Metrology (ANM)		3		3	2	2	3	3			2		3			2	2		3		
US	National Conference on Weights and Measures (NCWM)											2										
ZA	NRCS: Legal Metrology					3	3		3			1					1	1		3		
ZM	Zambia Metrology Agency		3		3	3	3	3	3			1		3		3	1	1		3		

Key activities of 2018/19

- ## The OIML Certification System Seminar

The OIML Certification System Seminar was held through 15-17 July 2019 in Hangzhou, China. This seminar was organized by the OIML, APLMF, SAMR and PTB, over 100 participants from 26 economies has attended.



Final report both provided by BIML and APLMF can be found in OIML bulletin:

https://www.oiml.org/en/publications/bulletin/pdf/oiml_bulletin_july_2019.pdf

Key activities of 2018/19

- **Development of ToR of WG on OIML-CS**

According to the requirements of APLMF secretariat, as a WG Chair, I developed the Term of Reference of Working Group on OIML-CS and circulated the member of WG to ask for comments. Many members gave a lot of constructive comments, including Mr Alexander WINCHESTER and Ms. Alli Smith. The ToR was approved by APLMF EC in September and published on APLMF website. <https://www.aplmf.org/oiml-certificate-systems.html>

Key activities of 2018/19

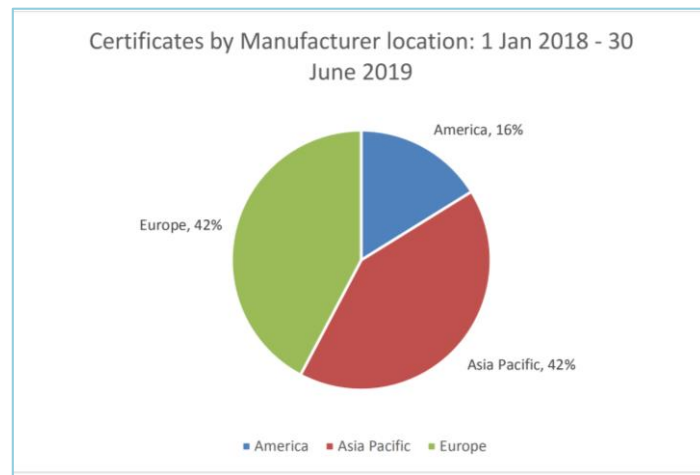
- Translation the OIML-CS documents**

Under the authorization of OIML, China has translated the OIML-CS documents, including OIML B18:2018 “Framework for the OIML Certification System (OIML-CS)”, OIML-CS OD01, OD02, OIML-CS PD01-08 from English to Chinese and published it officially.



Certificates by Manufacturer Location: 1 Jan 2018-30 June 2019

- **Australia**, Brunei Darussalam, **Cambodia**,
Canada, **P. R. China**, Hong Kong China,
Indonesia, **Japan**, DPR of Korea,
Republic of Korea, Malaysia, Mongolia,
New Zealand, Papua New Guinea,
Philippines, Singapore, Chinese Taipei,
Thailand, **United States of America**,
Vietnam
- Brunei Darussalam, Chile, **Colombia**, Laos D.P. R.,
Mexico, Peru, Russian Federation



2020 Action Plan

- **Feedback and experience of the participants for OIML-CS in Asia-Pacific Region**
- **Follow and share updates of the OIML-CS MC**
- **Promote awareness of OIML-CS to stakeholders (potential IA, Utilizer, associate and manufacturers) in the variety of ways**
 - **Materials**
 - **Animation**
- **Example case studies on how economies implement the use of the OIML CS.**
- **Promote the advantages of accepting OIML CS for CEEMS economies.**



Thank you for your attention