



OIML Certification System (OIML-CS)

Steps to take to become an Issuing Authority, Utilizer or Associate

Seminar on the OIML Certification System
(OIML-CS)

Colombia, 9 October 2017

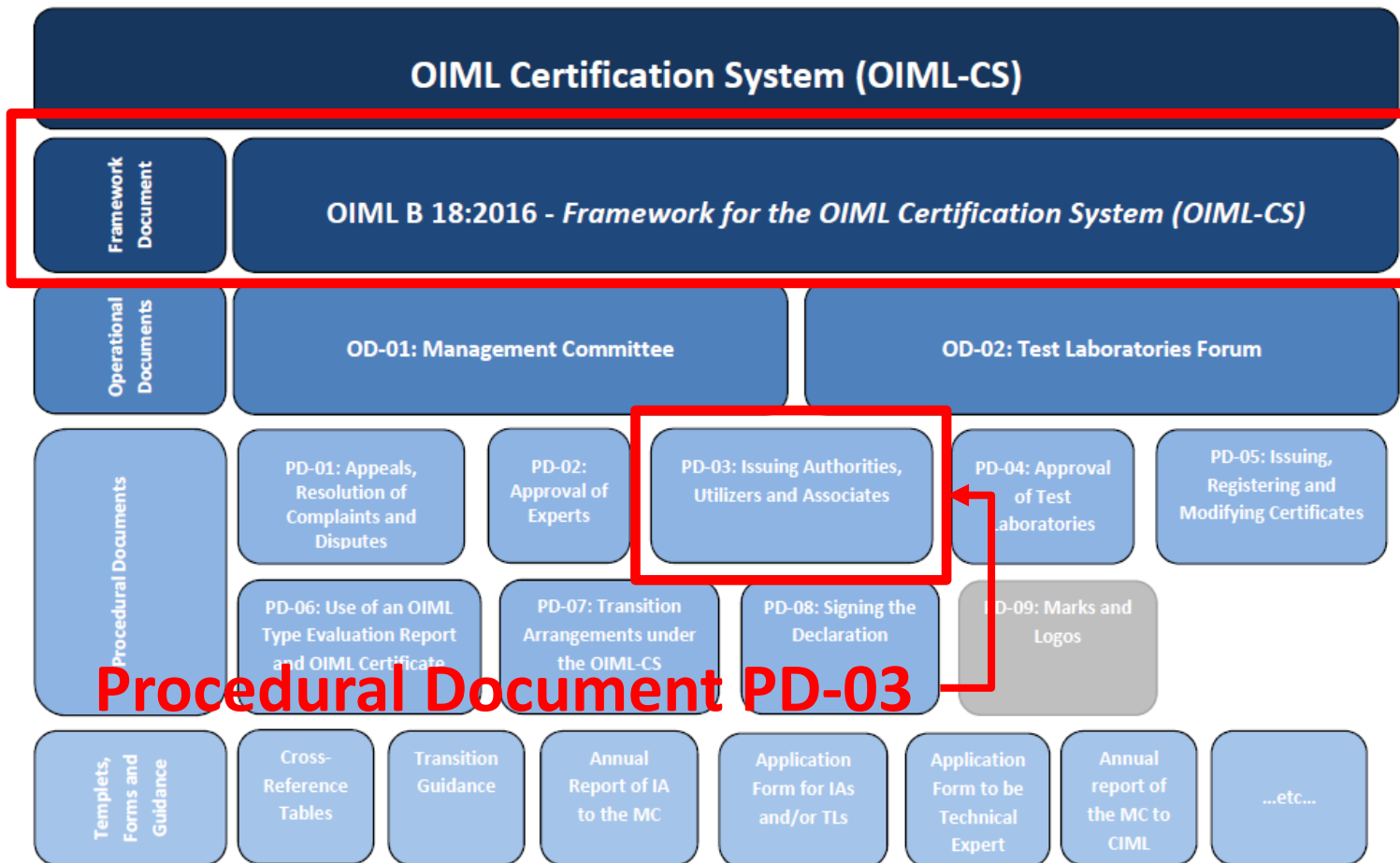
Cock OOSTERMAN
Head Certification Body
NMI Certin B.V. The Netherlands





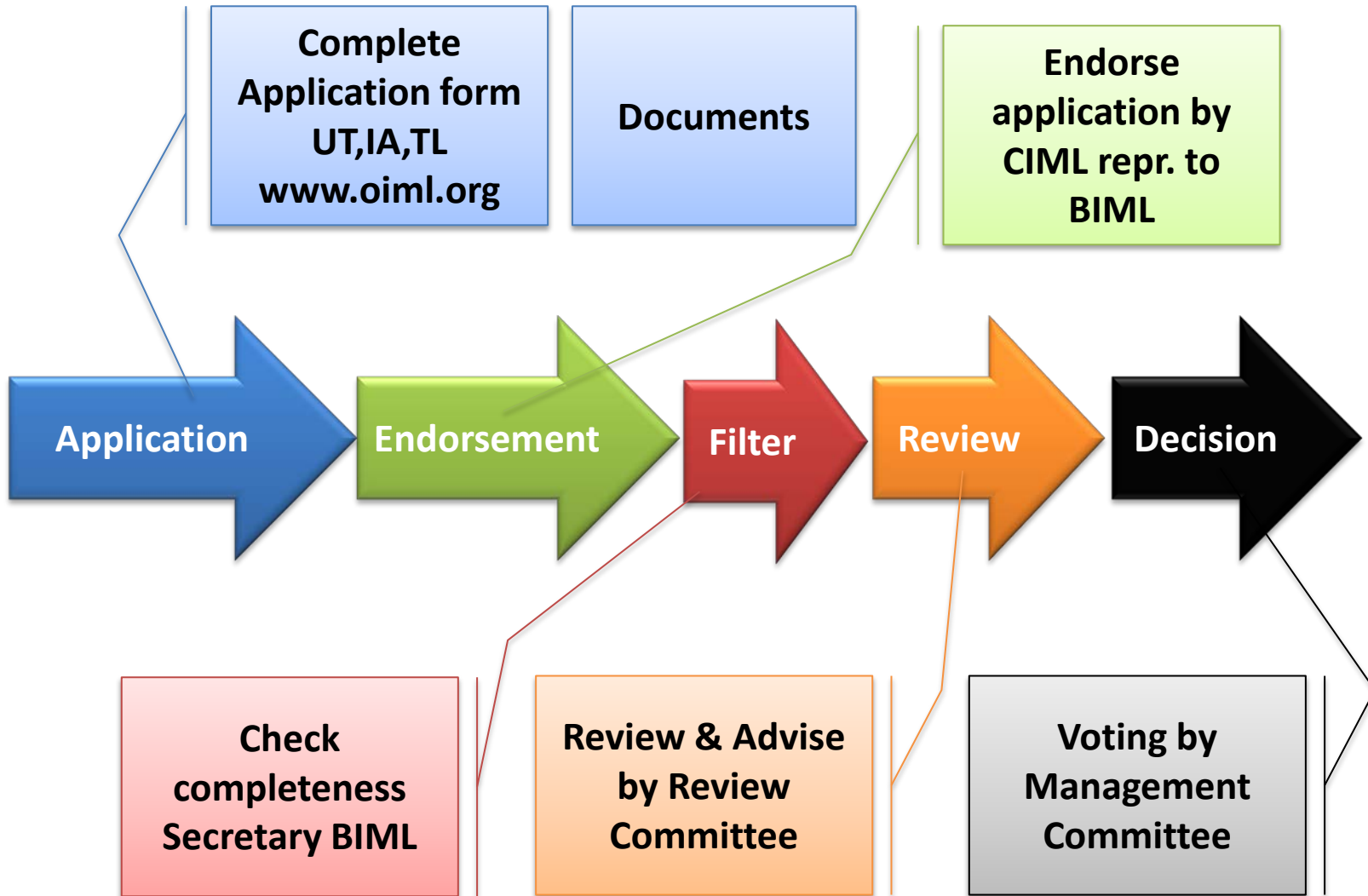
OIML Certification System (OIML-CS)

Steps to take to become an Issuing Authority, Utilizer or Associate





OIML Certification System (OIML-CS)





OIML Certification System (OIML-CS)



OIML CERTIFICATION SYSTEM (OIML-CS)

Utilizer Application Form

1. Country:

2. Organization Details:

Organization Name	Address	Contact Details	
		Name:	<input type="text"/>
		Tel:	<input type="text"/>
		E-mail:	<input type="text"/>

3. Scope:

Please detail below the categories of measuring instruments, the applicable OIML Recommendations and the Scheme(s) for which you will accept and utilize OIML Certificates and/or OIML type evaluation/test reports.

Measuring Instrument Category	OIML Recommendation	Scheme A / B	OIML MAA*
Taximeters	R 21:2007	<input type="text"/>	
Active Electrical Energy Meters	R 46:2012	<input type="text"/>	
Water Meters	R 49:2006	<input type="text"/>	No <input type="text"/>
	R 49:2013	<input type="text"/>	No <input type="text"/>
Continuous Totalisers	R 50:2014	<input type="text"/>	
Automatic Catchweighers	R 51:2006	<input type="text"/>	
Load cells	R 60:2000	<input type="text"/>	No <input type="text"/>
Automatic Gravimetric Filling Instruments	R 61:2004	<input type="text"/>	
Heat Meters	R 75:2002	<input type="text"/>	
Non-automatic Weighing Instruments	R 76:1992	<input type="text"/>	No <input type="text"/>
	R 76:2006	<input type="text"/>	No <input type="text"/>
Level Gauges for Stationary Storage Tanks	R 85:2008	<input type="text"/>	
Vehicle Exhaust Emissions	R 99:2008	<input type="text"/>	
Automatic Rail-weighbridges	R 106:2011	<input type="text"/>	
Discontinuous Totalisers	R 107:2007	<input type="text"/>	





OIML Certification System (OIML-CS)

Utilizer statement (signature)

Endorsment trough CIML representative

5. Utilizer Statement

I hereby confirm that the information provided above is true, complete and accurate, and that my organization will accept and utilize OIML Certificates and/or OIML type evaluation reports for the categories of measuring instruments detailed in section 3, according t the provisions of OIML B 18.

Name of Responsible person: Date:

Position in organization: Signature:

6. CIML Member Endorsement

I endorse the application of the organization detailed in section 2 to be a Utilizer under the OIML-CS.

CIML Member: Date:

Member State: Signature:

End of Application Form





OIML Certification System (OIML-CS)

Secretary (BIML)
filtering

Review Committee
advise

Management Committee
decision

Executive Secretary Review:

Process stage	Information	Comments
Date application received:		
Date of application review:		
Additional National Requirements:	No <input type="button" value="v"/>	
Application accepted:	No <input type="button" value="v"/>	
Date sent to Review Committee: <i>(if there are no Additional National Requirements application should be sent directly to the MC for approval)</i>		

Review Committee:

Process stage	Information	Comments
Date of review:		
Recommendation on need to conduct additional assessments for Test Laboratories that wish to perform tests according to these Additional National Requirements:	Not required <input type="button" value="v"/>	
Date sent to Management Committee:		

Management Committee Approval:

Process stage	Information	Comments
Date of review:		
Approve Utilizer:	No <input type="button" value="v"/>	
Date Utilizer notified:		
Date Utilizer signed the Declaration:		





OIML Certification System (OIML-CS)

Complete
Application form
**UTILIZER
ASSOCIATE**

Documents

Application

For each instrument category:

1. Identify **national authorities** that issue national type approvals
2. Clarify that they are in principle **willing to accept OIML certificates** as a basis for national type evaluation
3. Identify **additional tests/examinations** that are required for national type approvals (correspondence tables between national requirements and OIML recommendation)





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Example Corresponding tables NL

State	Measuring Instrument Category	Name of Requirement	Requirements and applicable test procedure reference document
NL	Level Gauges for Stationary Storage Tanks	Covered	Dutch regulation “Regeling nationaal autonoom geregelde meetinstrumenten” http://wetten.overheid.nl/BWBR0038639/2017-05-18
NL	Compressed Gaseous Fuel systems for Vehicles	Covered	Dutch regulation “Regeling nationaal autonoom geregelde meetinstrumenten” http://wetten.overheid.nl/BWBR0038639/2017-05-18

Under review





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Example Corresponding tables EU

State	Measuring Instrument Category	Name of Requirement	Requirements and applicable test procedure reference document
EU	Taximeters	EU Official Journal OJ C 443 of 11.12.2014	WELMEC corresponding table CT-007-II, 2015
EU	Water Meters	EU Official Journal OJ C 269 of 4.11.2006	WELMEC corresponding table CT-001, 2006
EU	Continuous Totalisers	EU Official Journal OJ C 76 of 14.3.2014	WELMEC corresponding table CT-006-V, 2014
EU	Automatic Catchweighers	EU Official Journal OJ C 109 of 16.4.2013	WELMEC corresponding table CT-006-II, 2013 <i>Under review NoBoMet</i>





OIML Certification System (OIML-CS)

Admission of Utilizers or Associates

Application:

1. Send application to **CIML Member or Corresponding Member Representative**
(using application form from OIML-CS website including information or additional tests and examinations required for national type approval)
2. CIML Member or Corresponding Member Representative **endorses** the application **and forwards** it to the **Executive Secretary of the OIML-CS**
3. **Review and decision** by Management Committee





OIML Certification System (OIML-CS)

Complete
Application form
**ISSUING
AUTHORITY**

Documents

Application

Certification Body (OIML IA)

1. Identify estimated **scope of certification**
 - OIML recommendations
 - Instrument categories
 - If necessary any limitation or exclusions
2. Implementation of **ISO/IEC 17065***
3. Provide **proof of competence** on the basis of
 - ISO/IEC 17065 + OIML D29
 - Accreditation or Peer Assessment using OIML Legal Metrology Experts (Scheme A)
 - Self declaration + supporting evidence (Scheme B)





OIML Certification System (OIML-CS)

Complete
Application form
**TESTING
LABORATORY**

Documents

Application

Testing Laboratories (OIML-TL)

1. Identify **OIML-TLs to cover the whole scope of certification** of the OIML Issuing Authority:
 - Internal laboratories of the Issuing Authority
 - External 3rd-Party Laboratories
 - Manufacturers Testing Laboratories (MTLs) under the controlled supervision of the Issuing Authority
2. Identify **detailed testing capabilities of the TLs**
 - OIML recommendations, Instrument categories
 - Testing procedures (covered parts of OIML-R)
 - Testing ranges, conditions
 - If necessary any limitation or exclusions





OIML Certification System (OIML-CS)

Testing Laboratories (OIML-TL)

...

3. Implementation of **ISO/IEC 17025** by the OIML-TLs
4. Provide **proof of competence** on the basis of
 - ISO/IEC 17025 + OIML D30
 - Accreditation or Peer Assessment using OIML Legal Metrology Experts (Scheme A)
 - Self declaration + supporting evidence (Scheme B)
- Provide with example Evaluation Reports (reference to OIML Certificate)





OIML Certification System (OIML-CS)

Steps to become an Issuing Authority (+TL)

Application:

1. Send application to CIML Member or Corresponding Member Representative
(using application form from OIML-CS website including all information required by PD 03)
2. CIML Member or Corresponding Member Representative endorses the application and forwards it to the Executive Secretary of the OIML-CS
3. Review and decision by Management Committee





OIML Certification System (OIML-CS)

The procedures between the OIML Issuing Authority and any Manufacturer Test Laboratory (MTL)

Certificate(s) of accreditation of the potential OIML IA / TL and the most recent accreditation assessment report(s). In case of peer assessment, a copy of the peer assessment report

a copy of the most recent OIML type evaluation report issued for each of the considered categories

7. Information and Documentation Checklist

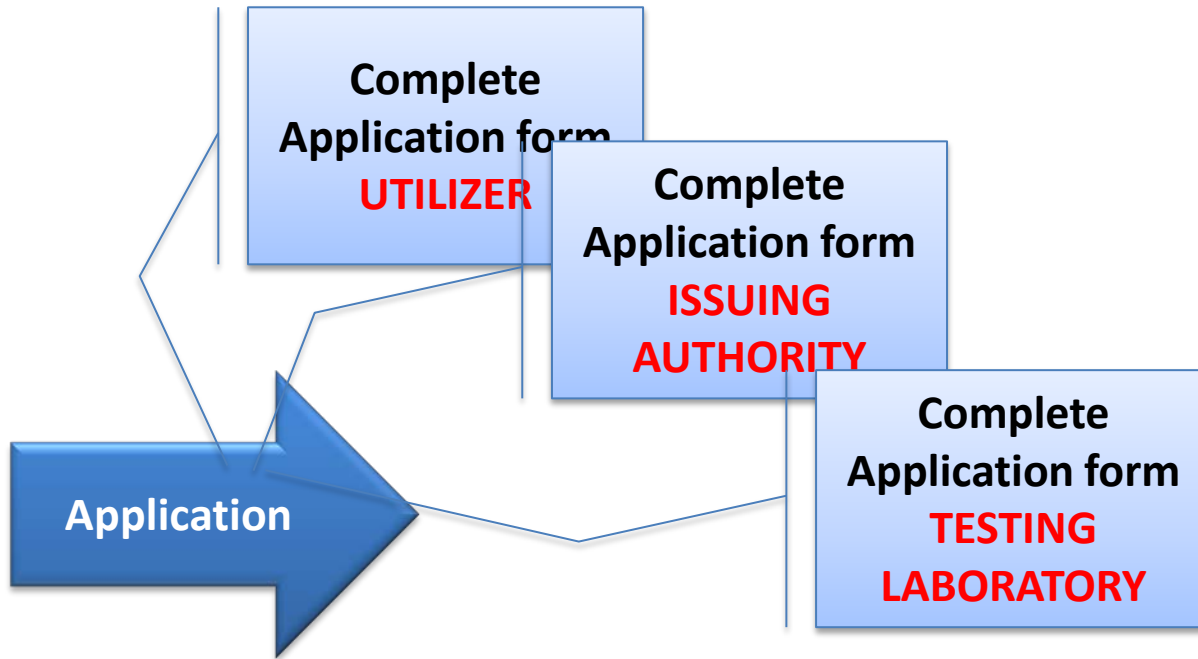
7.1 Has the following information/documentation been provided in support of the application?

Information/Documentation	Supplied	Comment
Procedures between the MTL and the OIML Issuing Authority (<i>where applicable</i>)	N/A	
Accreditation certificate and most recent accreditation assessment report (<i>Scheme A only</i>)	N/A	
Peer Assessment report (<i>Scheme A only</i>) (<i>State if peer assessment is to be organized</i>)	N/A	
Competency declaration in section 5.2 (<i>Scheme B only</i>)	N/A	
The most recent internal audit report for the relevant scope (<i>Where a self-declaration has been made</i>)	N/A	
A copy of the most recent test report for each category of measuring instrument	No	
Results of intercomparisons	No	





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- Practice: Endorce the applications Utilizer, Issuing Authority and Test Laboratory together.





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Use of Forms: www.oiml.org

