

PROCEDURAL
DOCUMENT

OIML-CS
PD-07

Edition 1

**Transition Arrangements under the
OIML-CS**

OIML-CS PD-07 Edition 1



ORGANISATION INTERNATIONALE
DE METROLOGIE LEGALE

INTERNATIONAL ORGANIZATION
OF LEGAL METROLOGY

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Foreword

The OIML Certification System (OIML-CS) provisional Management Committee (prMC) has prepared this publication.

This edition 1 of OIML-CS PD-07 was approved by the prMC at the second prMC meeting in June 2017. This edition takes effect immediately upon publication.

This publication is directly related to the *Framework for the OIML Certification System (OIML-CS)* (OIML B 18 [1]) which contains the framework for the operation of the OIML-CS.

The text of this publication is based on the following documents:

Edition	Document	Report on Voting/Acceptance
PD-07: Converting Certs WD 20160803	BIML_P1_SG1_N037	Information Only
PD-07: Transition Arrangements under the OIML-CS 20161205	BIML_P5_SG2_N007	Information Only
PD-07: Transition Arrangements under the OIML-CS 20170314	BIML_P5_SG2_N018	Information Only (PD-7 Working Group)
PD-07: Transition Arrangements under the OIML-CS 20170425	BIML_P5_SG2_N027	Information Only
PD-07: Transition Arrangements under the OIML-CS 20170524	BIML_P5_SG2_N032	Information Only
PD-07: Transition Arrangements under the OIML-CS Final Draft	BIML_P5_SG2_N042	Approved by prMC - June 2017

Full information on the approval of this publication can be found in the documents indicated in the table above.

1 Introduction

1.1 The OIML Certification System (OIML-CS) has been established

- a) to promote the global harmonization, uniform interpretation and implementation of legal metrological requirements for measuring instruments and/or modules,
- b) to avoid unnecessary re-testing when obtaining national type evaluations and approvals, and to support the recognition of measuring instruments and/or modules under legal metrological control, while achieving and maintaining confidence in the results in support of facilitating the global trade of individual instruments, and
- c) to establish rules and procedures for fostering mutual confidence among participating OIML Member States and Corresponding Members in the results of type evaluations that indicate conformity of measuring instruments and/or modules, under legal metrological control, to metrological and technical requirements established in the applicable OIML Recommendation(s).

1.2 OIML B 18 *Framework for the OIML Certification System (OIML-CS)* [1] establishes the rules for a framework for the OIML-CS. OIML B 18 [1] is supplemented by a range of Operational Documents and Procedural Documents which are developed, maintained and approved by the OIML-CS Management Committee.

2 Scope

This document is one of a series of Operational Documents and Procedural Documents which define the rules for the operation of the OIML-CS.

This publication contains the procedures covering the transition of the OIML Basic and OIML MAA Certificate Systems to the OIML-CS, including the conversion of existing OIML Basic and MAA Certificates into OIML Certificates under the OIML-CS. It also covers the transition arrangements when a category of measuring instrument moves from Scheme B to Scheme A under the OIML-CS.

These procedures relate to the framework for the OIML-CS, as given in OIML B 18 [1], the Operational Rules as given in OD-01 [2] and OD-02 [3], and the Procedures as given in PD-01 [4], PD-02 [5], PD-03 [6], PD-04 [7], PD-05 [8], PD-06 [9] and PD-08 [10].

3 Terminology and abbreviations

The terminology and abbreviations defined in section 3 of OIML B 18 [1] apply.

4 Status, Acceptance and Revision of Existing OIML Basic and MAA Certificates

4.1 As specified in sections 15.10 and 15.11 of OIML B 18 [1], OIML Basic and OIML MAA Certificates that were issued under the OIML Basic Certificate System and the OIML MAA Certificate System respectively are considered to remain valid.

4.2 Utilizers and Associates may specify their acceptance of OIML MAA Certificates and/or OIML MAA type evaluation reports in the Declaration, and any associated conditions, as defined in Procedural Document PD-08 [10]. Acceptance of OIML Basic Certificates will be on a voluntary basis; this will not be specified in the Declaration.

4.3 Once a category of measuring instrument and the relevant OIML Recommendation is included in the OIML-CS, no new OIML Basic Certificates or new OIML MAA Certificates may be issued, by any Issuing Authority or Issuing Participant respectively, for that category of measuring instrument on the basis of the relevant OIML Recommendation except under the conditions defined in 4.4.

4.4 When a category of measuring instrument and the relevant OIML Recommendation is included in the OIML-CS, revisions to existing OIML Basic Certificates or existing OIML MAA Certificates are no longer permitted. However, an “Annex” to the OIML Basic Certificate or OIML MAA Certificate may be issued by the original Issuing Authority (under the OIML Basic Certificate System) or by the original Issuing Participant (under the OIML MAA) respectively in the following instances:

- a) to correct an error by the applicant or the Issuing Authority/Participant; or
- b) when the ownership of the Certificate is transferred to a new applicant.

4.5 An “Annex” to the OIML Basic Certificate or OIML MAA Certificate cannot be issued to change the technical or metrological characteristics of the measuring instrument/module. In this instance, a new OIML Certificate shall be issued under Scheme A or Scheme B as appropriate. Existing OIML Basic and/or OIML MAA type evaluation reports may be used to support the issuing of the new OIML Certificate according to the conditions specified in sections 5 and 6 below.

5 Using existing OIML Basic or OIML MAA Certificates and type evaluation reports to issue an OIML Certificate under Scheme B

5.1 OIML MAA Certificates and OIML type evaluation reports

5.1.1 An applicant may apply to an OIML Issuing Authority under the OIML-CS, whose scope detailed in the Declaration includes the applicable category of measuring instrument and the relevant OIML Recommendation, to use an existing OIML MAA Certificate and its corresponding OIML type evaluation report for the issuing of a Scheme B OIML Certificate and OIML type evaluation report under the OIML-CS.

Note: The OIML Issuing Authority can be different from the original Issuing Participant that issued the original OIML MAA Certificate only in the case where the original Issuing Participant is not an OIML Issuing Authority under the OIML-CS for that category of measuring instrument.

5.1.2 The OIML Issuing Authority shall ensure that:

- a) the testing was conducted on a sample that is representative of the current type; and
- b) the testing that was performed is equivalent to the current requirements (e.g. the EMC requirements may have changed).

5.1.3 The procedures specified in section 5 of PD-05 [8] may be applied, with the OIML type evaluation report issued for the OIML MAA Certificate deemed to fulfil the requirement specified in section 4.3.3 of PD-05 [8].

5.1.4 Where an OIML Recommendation has been revised since the original OIML MAA Certificate and OIML type evaluation report were issued, a Scheme B OIML Certificate under the OIML-CS can be issued for the original version of the OIML Recommendation where it has been retained in the OIML-CS. To issue a Scheme B OIML Certificate under the OIML-CS for the revised version of the OIML Recommendation the OIML type evaluation report issued in support of the existing OIML MAA Certificate may be applied to tests where the requirements in the revised version of the Recommendation are unchanged. Where there are additional tests or the test requirements have changed (e.g. different severity level) in the revised version, testing shall be conducted by a Test Laboratory listed in the Declaration for the OIML Issuing Authority.

5.2 OIML Basic Certificates and OIML type evaluation reports

5.2.1 An applicant may apply to an OIML Issuing Authority, whose scope listed in the Declaration includes the applicable category of measuring instrument, to use an existing OIML Basic Certificate and its corresponding OIML type evaluation report for the issuing of a Scheme B OIML Certificate and OIML type evaluation report under the conditions specified in a) to d) below.

Note: The OIML Issuing Authority can be different from the original Issuing Authority that issued the original OIML Basic Certificate only in the case where the original Issuing Authority is not an OIML Issuing Authority under the OIML-CS for that category of measuring instrument.

- a) The Test Laboratory that conducted the testing is a Test Laboratory under the OIML Issuing Authority and is listed in the scope of the Declaration for the applicable category of measuring instrument;
- b) At the time that the original OIML type evaluation took place the Test Laboratory was accredited/peer assessed to ISO/IEC 17025 [12], with the scope of accreditation/peer assessment in both cases covering the category of measuring instrument and the relevant OIML Recommendation;

Note 1: The accreditation body that carried out the assessment of the Test Laboratory shall be a signatory to the ILAC Mutual Recognition Arrangement or to a regional arrangement recognized by ILAC for the scope of “testing ISO/IEC 17025”.

Note 2: In the case of peer assessment, the peer assessment team shall have comprised a lead assessor and technical and metrological expert(s) relevant to the category(ies) of measuring instrument(s), from the Joint OIML/ILAC/IAF list of assessors and technical and metrological experts.

- c) The testing was conducted on a sample that is representative of the current type; and
- d) The testing that was performed is equivalent to the current requirements (e.g. the EMC requirements may have changed).

5.2.2 The procedures specified in section 4 of PD-05 [8] shall be applied, with the OIML type evaluation report issued for the OIML Basic Certificate deemed to fulfil the requirement specified in section 4.3.3 of PD-05 [8].

5.2.3 Where an OIML Recommendation has been revised since the original OIML Basic Certificate was issued, a Scheme B OIML Certificate under the OIML-CS can be issued for the original version of the OIML Recommendation where it has been retained in the OIML-CS under Scheme B. To issue

a Scheme B OIML Certificate under the OIML-CS for the revised version of the OIML Recommendation the OIML type evaluation report issued in support of the existing OIML Basic Certificate may only be applied to tests where the requirements for the tests haven't changed in the revised version of the Recommendation. Where there are new/additional tests, or the test requirements have changed (e.g. different severity level), in the revised version testing shall be conducted by a Test Laboratory listed in the Declaration for the OIML Issuing Authority.

6 Using existing OIML Basic or OIML MAA Certificates and type evaluation reports to issue an OIML Certificate under Scheme A

6.1 OIML MAA Certificates and OIML type evaluation reports

6.1.1 An applicant may apply to an OIML Issuing Authority under the OIML-CS, whose scope detailed in the Declaration includes the applicable category of measuring instrument and the relevant OIML Recommendation, to use an existing OIML MAA Certificate and its corresponding OIML type evaluation report for the issuing of a Scheme A OIML Certificate and OIML type evaluation report under the OIML-CS.

Note: The OIML Issuing Authority can be different from the original Issuing Participant that issued the original OIML MAA Certificate only in the case where the original Issuing Participant is not an OIML Issuing Authority under the OIML-CS for that category of measuring instrument.

6.1.2 The OIML Issuing Authority shall ensure that:

- a) the testing was conducted on a sample that is representative of the current type; and
- b) the testing that was performed is equivalent to the current requirements (e.g. the EMC requirements may have changed).

6.1.3 The procedures specified in section 5 of PD-05 [8] may be applied, with the OIML type evaluation report issued for the OIML MAA Certificate deemed to fulfil the requirement specified in section 5.3.3 of PD-05 [8].

6.1.4 Where an OIML Recommendation has been revised since the original OIML MAA Certificate and OIML type evaluation report were issued, a Scheme A OIML Certificate under the OIML-CS can be issued for the original version of the OIML Recommendation where it has been retained in the OIML-CS. To issue a Scheme A OIML Certificate under the OIML-CS for the revised version of the OIML Recommendation the OIML type evaluation report issued in support of the existing OIML

MAA Certificate may be applied to tests where the requirements in the revised version of the Recommendation are unchanged. Where there are additional tests or the test requirements have changed (e.g. different severity level) in the revised version, testing shall be conducted by a Test Laboratory listed in the Declaration for the OIML Issuing Authority.

6.2 OIML Basic Certificates and OIML type evaluation reports

6.2.1 OIML Basic Certificates and OIML type evaluation reports cannot be used to issue an OIML Certificate under Scheme A.

7 Transition from Scheme B to Scheme A

7.1 Issuing of OIML Certificates

7.1.1 When a category of measuring instrument and the relevant OIML Recommendation transitions from Scheme B to Scheme A (see section 16.2, OIML B 18 [1]), no new OIML Certificates under Scheme B may be issued for that category of measuring instrument on the basis of the relevant Recommendation except under the conditions defined in 7.1.2.

7.1.2 When the relevant category of measuring instrument and OIML Recommendation has transitioned to Scheme A, in the event that an applicant requests a revision of an existing OIML Certificate issued under Scheme B based on the same version of the OIML Recommendation, the revised OIML Certificate under Scheme B may be issued by the original OIML Issuing Authority.

7.2 Using Scheme B Certificates to issue Scheme A Certificates

7.2.1 Where a category of measuring instrument and the relevant OIML Recommendation is in Scheme A under the OIML-CS, an applicant may apply to an OIML Issuing Authority, whose scope listed in the Declaration includes the applicable category of measuring instrument, to use an existing OIML Certificate under Scheme B to issue a Scheme A Certificate under the following conditions.

- a) The Test Laboratory that conducted the testing is a Test Laboratory under the OIML Issuing Authority and is listed in the scope of the Declaration for the applicable category of measuring instrument.
- b) At the time that the original OIML type evaluation took place the Test Laboratory was accredited/peer assessed to ISO/IEC 17025 [12], with the scope of accreditation/peer assessment in both cases covering the category of measuring instrument and the relevant OIML Recommendation. See Notes under 5.2.1 b).

- c) Evidence of accreditation/peer assessment and the original OIML type evaluation report shall be provided to the Executive Secretary who shall consult with the RC on the acceptability of using the OIML type evaluation report to issue an OIML Certificate under Scheme A.

7.2.2 The procedures specified in section 5 of PD-05 [8] shall be applied, with the OIML type evaluation report issued for the OIML Basic Certificate deemed to fulfil the requirement specified in section 5.3.3 of PD-05 [8].

7.2.3 Where an OIML Recommendation has been revised since the original OIML Certificate under Scheme B was issued, an OIML Certificate under Scheme A can be issued for the original version of the OIML Recommendation where it has been retained in the OIML-CS under Scheme A. To issue a Scheme A OIML Certificate under the OIML-CS for the revised version of the OIML Recommendation the OIML Type Evaluation Report issued in support of the existing OIML Certificate under Scheme B may only be applied to tests where the requirements for the tests haven't changed in the revised version of the Recommendation. Where there are additional tests or the test requirements have changed (e.g. different severity level) in the revised version, testing shall be conducted by a Test Laboratory listed in the Declaration for the OIML Issuing Authority.

8 Transition of existing Issuing Authorities under the OIML Basic Certificate System to the OIML-CS

8.1 An existing Issuing Authority under the OIML Basic Certificate System is able to transition to the OIML-CS following an evaluation of its competence. To transition, the existing Issuing Authority under the OIML Basic Certificate System will need to make an application to be an OIML Issuing Authority under the OIML-CS in accordance with the appropriate procedures specified in PD-03 [6]. For measuring instrument categories in Scheme A the procedures specified in section 5 of PD-03 [6] shall be applied and for measuring instrument categories in Scheme B the procedures specified in section 6 of PD-03 [6] shall be applied.

8.2 Under Scheme A, for the evaluation of compliance of the existing Issuing Authority with ISO/IEC 17065 [11] a two-year transition period from the 1 January 2018 is provided. Before the end of this transition period the existing Issuing Authority must provide a peer assessment report or accreditation assessment report to the Executive Secretary for review by the RC and subsequent MC approval in accordance with sections 5.2 and 5.3 of PD-03 [6].

9 Transition of existing Issuing Participants under the OIML MAA to the OIML-CS

9.1 An existing Issuing Participant under the OIML MAA is able to transition to the OIML-CS under Scheme A for the following categories of measuring instruments:

- a) Water meters (OIML R 49);
- b) Load cells (OIML R 60); and
- c) Non-automatic Weighing Instruments (OIML R 76).

9.2 In this instance they must be listed as an existing Issuing Participant for that (those) category(ies) of measuring instruments in the relevant DoMC(s).

9.3 To transition, the existing Issuing Participant will need to make an application to be an OIML Issuing Authority under the OIML-CS in accordance with the procedures specified in PD-03 [6]. However, the evaluation of compliance of the associated Test Laboratory(ies) with ISO/IEC 17025 [12] will not have to be repeated as the evaluation of compliance of the Test Laboratory(ies) under the OIML MAA will be utilized. For the evaluation of compliance of the existing Issuing Participant with ISO/IEC 17065 [11], a two-year transition period from the 1 January 2018 is provided. Before the end of this transition period the existing Issuing Participant must provide a peer assessment report or accreditation assessment report to the Executive Secretary for review by the RC and subsequent MC approval in accordance with sections 6.2 and 6.3 of PD-03 [6].

10 References

- [1] Final Draft revision OIML B 18 *Framework for the OIML Certification System (OIML-CS)* (Version BIML_P5_SG3_N012)
- [2] OD-01 *OIML-CS Operational Document OD-01: Management Committee*
- [3] OD-02 *OIML-CS Operational Document OD-02: Test Laboratories Forum*
- [4] PD-01 *OIML-CS Procedural Document PD-01: Appeals, Resolution of Complaints and Disputes*
- [5] PD-02 *OIML-CS Procedural Document PD-02: Procedures to approve Legal Metrology experts and QMS experts*
- [6] PD-03 *OIML-CS Procedural Document PD-03: Application and approval of OIML Issuing Authorities, Utilizers and Associates*
- [7] PD-04 *OIML-CS Procedural Document PD-04: Assessment of Test Laboratories*
- [8] PD-05 *OIML-CS Procedural Document PD-05: Processing an OIML Type Evaluation Report and OIML Certificate*
- [9] PD-06 *OIML-CS Procedural Document PD-06: Use of OIML Type Evaluation Reports and OIML Certificates*
- [10] PD-08 *OIML-CS Procedural Document PD-08: Signing the OIML-CS Declaration*
- [11] ISO/IEC 17065:2012 *Conformity assessment – Requirements for bodies certifying products, processes and services*
- [12] ISO/IEC 17025:2005 *General requirements for competence of testing and calibration laboratories*