



## PROPOSAL FOR A NEW PROJECT

Within:

OIML TC 4

Date:

18 February 2013

**Proposer(s):**

BIML, after consultation of TC 4 members

**Type of proposed publication:**

Document (Revision of OIML D 8:2004)

**Title of proposed publication:**

Measurement standards. Choice, recognition, use, conservation and documentation

### Scope of the project:

To revise OIML D 8:2004 *Measurement standards. Choice, recognition, use, conservation and documentation*.

### Why should the OIML develop this publication?

OIML D 8:2004 was subjected to periodic review in accordance with the *Directives for OIML technical work*. A majority of TC 4 P-members who responded to the enquiry voted to revise the publication. The result of the TC enquiry and the collated comments from TC 4 members are attached.

### List of countries known to regulate or intend to regulate this category of interest:

n/a

### Relevant associated OIML publications:

n/a

### List of appropriate liaisons and their work related to the proposed project:

Liaisons of TC 4: BIPM, CEI, IEC, IFCC, ISO.

### Attachments:

- WK7081\_v2: *Result of periodic review of OIML D 8*,
- BIML Periodic review D 8 - Collated comments

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 Subject:      Result of periodic review of OIML D 8
 

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P-member	Response	Confirm	Revise	Withdraw	Comments
Australia	N				
Austria	Y		X		Y
Brazil	N				
Bulgaria	N				
Canada	Y		X		Y
Cuba	N				
Czech Republic	Y	X			N
France	Y		X		Y
Germany	Y		X		Y
Japan	Y	X			N
Korea (R)	N				
Norway	N				
Poland	Y		X		Y
Romania	Y	X			N
Russian Federation	N				
Saudi Arabia	N				
Slovakia	Y		X		Y
Turkey	N				
United States	Y		X		Y
Netherlands (O-member)	Y	X			Y

**Result:**

Ten of the 19 P-members and one O-member responded. Of the ten P-members, seven are in favor of revising the publication (70 %).

Therefore, the CIML should be asked to approve as a new project the revision of D 8.



Periodic review of: OIML D 8:2004:  
*Measurement standards. Choice, recognition, use, conservation and documentation*  
(OIML TC 4)

17 January 2013

Country Code	Clause/ paragraph/ table	gen./ edit./ techn.	COMMENTS	PROPOSED CHANGE	
PL		gen	Terminology should be verified against the actual version of VIM and VIML		
PL		gen	The question should be considered whether any specific recognition of a standard by "the national (legal) metrology body" is necessary to confirm the standard meet requirements "for its intended use" if the laboratory is accredited and has a quality system.		
PL	3.2	techn	The list of metrological requirements should explicitly indicate all the requirements or indicate those which should be obligatory for the standard		
PL	3.4	techn	This subclause should be revised. Perhaps the purpose of this subclause should be reconsidered because it is not clear what is the role of it: is it to inform, to recommend or to instruct the reader?		
PL	4.1	techn	The term "national (legal) metrology body" should be either defined or a reference should be given to the publication in which it is defined.		
PL	7.3	gen	There should be references made to documents dealing with issues discussed. eg. in case of "recalibration intervals" reference should be made to OIML D 10		
PL	Bibl.	techn	The bibliography on the page 13 needs an update and more bibliographic sources should be quoted		
FR		techn	A measuring instrument can be a standard but the software aspects (documentation, security and identification ) are not covered	Include requirements about software aspects of the standard when applicable (documentation, security and identification in use) or at least mention the necessity to study this aspect of the standard	
FR		techn	Use of OIML certificates is not mentioned although many of the standard are also material measures or measuring instruments also covered by OIML recommendation	Include (and encourage) the use of OIML certificates when applicable	
FR		techn	The possibility to require a fixed periodicity by the national legislation for current standards widely used for periodical verification of measuring instruments is not foreseen although this could be a good way to achieve traceability in a safe and simple manner and with fair competition between verification bodies	Include the possibility for the national legislation to prescribe a fixed periodicity for the calibration or verification of current standards	



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17 January 2013

Country Code	Clause/ paragraph/ table	gen./ edit./ techn.	COMMENTS	PROPOSED CHANGE	
FR		techn	It is not foreseen to have special measures applicable to a batch of current standards like weights of the same type and used in the same way by the same users although it could be practical and economical	Special measures could be accepted when a batch of identical standards used in the same conditions are concerned	
FR		techn	A measuring instrument can be a standard but the software aspects (documentation, security and identification ) are not covered	Include requirements about software aspects of the standard when applicable (documentation, security and identification in use) or at least mention the necessity to study this aspect of the standard	
NL	3.2	edit	coverage factor k	k should be presented in <i>italics</i> ( $k = 2$ ) and suggest to add reference to G1-100	
NL	5.2	gen	f) "Unacceptable levels" is rather undefined	Suggest to add reference to WHO/ICNIRB suggested limits <a href="http://www.icnirp.org/">http://www.icnirp.org/</a>	
NL	A.4	gen	5.2 f) and g) seem to focus on emissions (f) and immunity (g) A.4 b only concerns immunity	In line with 5.2 f may be to add a sub clause to A concerning documentation of the (maximum) emissions of a standard	
NL	Bibl.	edit	References require updating	Please update	
US	Bibl.	gen	Some of the references in the Bibliography are outdated (e.g., References 1 and 2), which implies that the text in the D8 document that is based on these references is also likely outdated.	Change text in the D8 document that is based on References 1 and 2 to reflect the updated versions of these two References (this probably means doing more than just changing the versions of the References in the Bibliography).	
DE		gen	We consider it necessary to <b>completely</b> revise OIML D 8 (2004). It should be adapted to the new editions of international standards (ISO/IEC 17025:2005), to the VIM3 (ISO-Guide 99) and to the CIPM-MRA.		
SK	Terminology	edit	ISO/IEC 17025:1999 was changed to ISO/IEC 17025:2005	D 8 will need to be aligned with the ISO/IEC 17025:2005	
SK	Terminology	edit	VIM:1993 was changed to JCGM 200:2012 (VIM3)	D 8 will need to be aligned with the VIM3	
SK	Terminology	edit	VIML:2000 is in revision	D 8 will need to be aligned with the new VIML (VIML2) after publication	
SK	Terminology	edit	GUM:1995 was changed to JCGM 100:2008	D 8 will need to be aligned with the JCGM 100:2008	
AT		gen.	Possibly need of adaption of some terms to VIM 2010		
AT		techn	Update Bibliography (ISO 17025, VIM, GUM)		