




Agenda Item 14.2.2:

Project proposal for the revision of OIML R 75:2002 *Heat meters*

Annex C.2 to OIML B 6-1: Proposal for a new project

	Proposal for a new project			
	Within:	TC	11	SC
	Date:	2022-05-19		
Proposer(s) (Add line if required):				
Name: Karl Jousten	Country: Germany	Organisation: PTB		
See below: Other P-Members in favour	Austria, Canada, France, Netherlands			
Proposed convenor(s)*:				
Name: [Karl Jousten]	Country: Germany	Organisation: PTB		
Name: [name of co-convenor 2]	Country:	Organisation:		
Type of proposed publication:	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Revised		
<input checked="" type="checkbox"/> Recommendation	<input type="checkbox"/> Document	<input type="checkbox"/> Basic	<input type="checkbox"/> Vocabulary	<input type="checkbox"/> Guide
Title of proposed publication:				
Revision of R75: Heat meters Part 1: General requirements Part 2: Type approval tests and initial verification tests Part 3: Test Report Format Part 4: Type Evaluation Report Format				
Terms of reference of the project, including detailed time frame in accordance with the provisions specified in B 6-1, 6.2:				
A full revision of R 75 is planned. The project will follow the time frame detailed in Annex A.8 of B 6.				
Why should the OIML develop this publication?				
<ul style="list-style-type: none"> • The OIML Certification System (OIML-CS) requires worldwide harmonization among the member countries for the specific types of meters, here heat meters • The global climate and energy crisis requires action from all countries: The metering relevant for the climate like heat and cooling meters should follow this global action • Economic globalization should not be hindered by trade barriers caused by different legal requirements • Only a bit of effort is needed to harmonize R75 with the European Measuring Instruments Directive (MID) 2014/32/EU • R75 from 2002 is outdated in some parts (2 examples: 1) Recent necessities of thermal energy meters for water-glycol mixtures are not implemented. With view to the importance of solar applications, this should be added. 2) Situations in the field caused by disturbed flow profiles with their influences on the accuracy of flow measurements by the flow sensors. New knowledges for testing with help of developed flow disturbances should be formulated in a new version of R 75.) • The tests required for the European market according to EN 1434:2022, necessary also for the international market, should be included in the R75 (Modern requirements coming from electro-magnetic compatibility with view to networks and digitalization demand new tests. Recent requirements on the measurement stabilities claim enlarged tests for their predictions. Some basic tests are already implemented in the R 75, but the gap to EN1434 is too large.) 				
Countries/Economies known to, or intending to apply this publication, if applicable:				

Member states of TC11.

A survey in spring 2022 among the 17 P-members was pro revision: 7 voted, 6 pro.

In addition, 2 O-members voted, both pro revision.

Relevant associated OIML publications:

List of appropriate liaisons and their work related to this proposed project (include supporting documentation as necessary and reference it here):

* As the CIML Member(s) of the Country(ies) holding the convenorship of this project, I/we recognise the importance of TC/SC/PG secretariat/convenership work and will make available the resources to ensure the work on the publication is completed in a timely and professional manner in accordance with the provisions in OIML B 6-1 and the detailed time frame as part of this proposal.

Signature(s):



[signature CIML Member]

Annex A – Detailed timeframe for project

Activity	Responsible person(s)	Start Date	End Date
Develop project proposal	Project proposer	2022-01-14	2022-03-31
Approval of project proposal	CIML		
Establish Project Group (PG)	BIML		
Develop First Working Draft (1WD)	Co-conveners		
Meeting of PG in Japan	PG members		
Comments on 1WD	PG members		
Review comments and develop 1CD	Co-conveners		
Posting 1CD for comments	BIML		
Vote on 1CD	PG members		
Review comments and develop 2CD	Co-conveners		
Posting 2CD for vote and comments	BIML		
Vote on 2CD	PG members		
Review comments and develop Draft	Co-conveners and BIML		
Posting Draft for Preliminary Online Ballot (POB)	BIML		
POB	CIML		
Review comments and develop Final Draft	Co-conveners and BIML		
Posting Final Draft for vote and comments	BIML		
Final draft for CIML approval	CIML		

OIML survey on R 75 until April 30, 2022

Member country (17 P-member)	Voted	Pro Revision	Email on	Contact
Austria	yes	yes	2022-04-25	veronika.rennmayr@bev.gv.at
Canada	yes	yes	2022-04-23	paige.vinten@ised-isde.gc.ca
Czech Republic				
Denmark				
France	yes	yes	2022-04-22	justine.honore-rouge@finances.gouv.fr
Germany	yes	yes	2022-03-17	karl.jousten@ptb.de
India				
Iran				
Japan	yes	no	2022-04-22	hiroaki-morinaka@aist.go.jp
Korea (ROK)				
Netherlands	yes	yes	2022-03-22	wim.volmer@agentschaptelecom.nl
PR China				
Poland				
Russia				
Serbia				
Slovakia				
United States				
All		6	5	
Observer Members (16)	Voted	Pro Revision	Email on	Contact
Australia				
Brazil				
Croatia				
Cuba				
Finland				
Hungary				
Indonesia				
Namibia				
Norway	yes	yes	2022-03-18	gks@justervesenet.no
Romania				
Slovenia				
South Africa				
Spain				
Switzerland	yes	yes	2022-05-09	Marc.deHuu@metas.ch
Tanzania				
United Kingdom				
All		2	2	