DRAFT
RECOMMENDATION

TC 8/SC 5
(UK)

INFORMATION

Revision of R 49-3

Water meters intended for the metering of cold potable water and hot water.

Part 3: Test report format

Draft submitted for CIML online ballot on 2013.02.07

Voting closes on 2013.05.07

ORGANISATION INTERNATIONALE
DE MÉTROLOGIE LÉGALE

INTERNATIONAL ORGANIZATION
OF LEGAL METROLOGY

Template for comments and secretariat observations

Date: 2012-10-31	Document: **ISO/DIS 4064-3**

1	2	(3)	4	5	(6)	(7)
MB[1]	**Clause No./ Subclause No./ Annex** (e.g. 3.1)	**Paragraph/ Figure/Table/ Note** (e.g. Table 1)	**Type of com-ment**[2]	**Comment (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations** on each comment submitted
PL	v	Foreword		Please remember to correct the date of publication of this document. The information that final publication took place in 2011 is wrong.		Agreed
JP	front cover		ed	The tile is not correct.	Water meters for cold potable water and hot water	Agreed.
PL	Head every page			Please correct the year of publication (2008) of this document.		Agreed
JP	1		ed	The tile is not correct.	Water meters for cold potable water and hot water	Agreed
JP	1		ed	“H Horizontal” is duplicate.	“H Horizontal” of the last line should be deleted.	Agreed
AU		3	Ed	Horizontal is stated twice. One should be deleted.		Agreed
CN		3		It seems to be more clearly to use letters (e. g: Y or N, P or F, n/a) than notes (‘+’and ‘-‘ with X)		+ and – are standard OIML symbols in this context.
AU		4.2.3	Ed	Does a mechanical meter have an environmental or electromagnetic class? Is the intention here to cover mechanical meters with in-built electronic components?		No change agreed.
AT		4.2.5		Maximum relative error specified by the manufacturer Q2 is not equal to Q4 and Q1 is not equal to Q2 see OIML 49-1 7.2.6.2		Agreed - pdf conversion problem to be resolved
AU		4.2.5	Ed	The symbols used to describe the flowrate ranges are wrong – presumably this is a PDF issue. They should read as follows: • $Q1 \leq Q < Q2$ • $Q2 \leq Q \leq Q4$		Agreed - pdf conversion problem to be resolved
AT		4.2.6		Maximum relative error specified by the manufacturer Q2 is not equal to Q4 and Q1 is not equal to Q2 see OIML 49-1 7.2.6.2		Agreed - pdf conversion problem to be resolved

1 **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)
2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial
NOTE Columns 1, 2, 4, 5 are compulsory.

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AU		4.2.6	Ed	The symbols used to describe the flowrate ranges are wrong – presumably this is a PDF issue. They should read as follows: • Q1≤Q<Q2 • Q2≤Q≤Q4		Agreed - pdf conversion problem to be resolved
PL		4.3.2		EUT testing requirements include the reference to ISO 4064-2/OIML R49-2, section 8.1.8. In other parts of OIML R49 and sometimes in this part intead of the term 'section' is used the term 'clause' or 'sub-clause'. Perhaps it would be good to unify the terminology. Reference to 'section' repeats many times in this OIML document.		Editorial – Sec.
AU		-	Ed	Any amendments proposed by Australia to Parts 1 and 2 that are agreed to be the Working Group will possibly require an amendment to Part 3, particularly to section 4.4.		Noted and agreed
BR	4..4.1 (number 6.7.1.3)	Equation $V_i = Q_3 \times 1580$ m3/h	ed	The equation is expressed in volume units and not flow units	To pemute m^3/h to m^3	Delete first ref. to 6.7.1.3, nd resolve pdf conversion of subsequent rows in table.
AT		4.4.2.1		Maximum relative error specified by the manufacturer Q2 is not equal to Q4 and Q1 is not equal to Q2 see OIML 49-1 7.2.6.2		Agreed - pdf conversion problem to be resolved
AU		4.4.2.1	Ed	The symbols used to describe the flowrate ranges are wrong – presumably this is a PDF issue. They should read as follows:		Agreed - pdf conversion problem to be resolved

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				• Q1≤Q<Q2 • Q2≤Q≤Q4		
CN		4.5.3		Besides the orientation bar, the flowstream (up or down when marked 'V') and the place of indication device （up or side） of complete meters should be noted in test tables.		Agreed
JP	4.5.3	(3) (page 26)	ed		"R 49-2" should be amended to "ISO 4064-2/OIML R 49-2".	Agreed
AU		4.5.8	Ed	Format for the Pressure Loss test should begin on a new page.		Agreed
JP	4.5.8	Measureme nt 2 (page 33)	ed		"bar" should be amended to "MPa (bar)". (2 places)	Agreed
AU		4.5.9	Ed	Format for the Flow Disturbance test should begin on a new page.		Agreed
AU		4.5.10	Ed	What do the dashed entry boxes in the Format signify?		Table to be improved.
AU		4.5.10.1	Ed	The note below the Heading should read (Applicable only to meters with values of Q3 ≤ 16 m3/h). A "≤" sign in place of a "=" sign. Presumably this is a PDF issue.		Agreed - pdf conversion problem to be resolved.
JP	4.5.11	Title (page 43)	ed		"R42-2" should be amended to "ISO 4064-2/OIML R 49-2".	Agreed
AU		4.6.5	Ed	Format for the Vibration test should begin on a new page.		Agreed
PL		4.6.11		Table 2 (foreseen to take down results of tests), first line: Our proposition is to use instead of term 'no noise', term 'no disturbance'.		Agreed

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PL		4.6.12		Like previous comment – instead of terms 'no noise' use term 'disturbance'.		Agreed
PL		4.6.13		Table 2 (foreseen to take down results of tests) – We propose to keep earlier convention, so term 'discharges' in first line of this table should be replace by the term 'no surges' and in second line term 'discharges' should be replaced by the term 'surges'. This comment relates to reference (1) below the table too.		Agreed
PL		4.6.14		Al tables foreseen to take down results of tests – term 'no discharges' should be replaced by the term 'no surges'.		Agreed
JP	5.3	3rd table (page 67)	ed		"bar" should be amended to "MPa (bar)".	Agreed

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