
Vodomeri, namenjeni za merjenje hladne pitne vode in vroče vode - 3. del: Oblika testnega poročila (ISO/DIS 4064-3:2012)

Water meters intended for the metering of cold potable water and hot water - Part 3: Test report format (ISO/DIS 4064-3:2012)

Wasserzähler zum Messen von kaltem Trinkwasser und heißem Wasser - Teil 3: Format des Prüfberichtes (ISO/DIS 4064-3:2012)

Compteurs d'eau destinés au mesurage de l'eau potable froide et chaude - Partie 3: Format du rapport d'essai (ISO/DIS 4064-3:2012)

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91.140.60 Sistemi za oskrbo z vodo Water supply systems

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Will supersede EN 14154-1:2005+A2:2011, EN 14154-2:2005+A2:2011, EN 14154-3:2005+A2:2011

English Version

**Water meters intended for the metering of cold potable water
and hot water - Part 3: Test report format (ISO/DIS 4064-3:2012)**

Compteurs d'eau destinés au mesurage de l'eau potable
froide et chaude - Partie 3: Format du rapport d'essai
(ISO/DIS 4064-3:2012)

Wasserzähler zum Messen von kaltem Trinkwasser und
heißem Wasser - Teil 3: Format des Prüfberichtes
(ISO/DIS 4064-3:2012)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 92.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Foreword

This document (prEN ISO 4064-3:2012) has been prepared by Technical Committee ISO/TC 30 "Measurement of fluid flow in closed conduits" in collaboration with Technical Committee CEN/TC 92 "Water meters" the secretariat of which is held by SNV.

This document is currently submitted to the parallel Enquiry.

This document will supersede EN 14154-1:2005+A2:2011, EN 14154-2:2005+A2:2011, EN 14154-3:2005+A2:2011.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 4064-3

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

Part 3: Test report format

Compteurs d'eau destinés au mesurage de l'eau potable froide et chaude —

Partie 3: Format du rapport d'essai

[Revision of third edition (ISO 4064-3:2005)]

ICS 91.140.60

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

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ISO/DIS 4064-3

Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4064-3 was prepared by Technical Committee ISO/TC 30, *Measurement of fluid flow in closed conduits*, Subcommittee SC 7, *Volume methods, including water meters*.

ISO 4064 consists of the following parts, under the general title *Water meters for cold potable water and hot water*.

- *Part 1: Specification of metrological and technical requirements*
- *Part 2: Specification of test methods*
- *Part 3: Specification of test report format*
- *Part 4: Specification of non-metrological requirements not covered in Part 1*
- *Part 5: Specification of installation requirements*

The International Organization of Legal Metrology (OIML) is a worldwide, intergovernmental organization whose primary aim is to harmonize the regulations and metrological controls applied by the national metrological services, or related organizations, of its Member States. The main categories of OIML publications are:

International Recommendations (OIML R), which are model regulations that establish the metrological characteristics required of certain measuring instruments and which specify methods and equipment for checking their conformity. OIML Member States shall implement these Recommendations to the greatest possible extent;

International Documents (OIML D), which are informative in nature and which are intended to harmonize and improve work in the field of legal metrology;

International Guides (OIML G), which are also informative in nature and which are intended to give guidelines for the application of certain requirements to legal metrology; and

International Basic Publications (OIML B), which define the operating rules of the various OIML structures and systems.

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International Recommendations, Documents, Guides and Basic Publications are published in English (E) and translated into French (F) and are subject to periodic revision.

Additionally, the OIML publishes or participates in the publication of **Vocabularies (OIML V)** and periodically commissions legal metrology experts to write **Expert Reports (OIML E)**. Expert Reports are intended to provide information and advice, and are written solely from the viewpoint of their author, without the involvement of a Technical Committee or Subcommittee, nor that of the CIML. Thus, they do not necessarily represent the views of the OIML.

This publication - reference OIML R 49-3, Edition 2011 - was developed by the Subcommittee TC 8/SC 5 *Water meters*. This version supersedes OIML R 49-3 *Water meters for cold potable water. Part 3: Test Report Format* (Edition 2006). It was approved for final publication by the International Committee of Legal Metrology in 2011.

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Introduction

Explanatory notes to the Test Report Format

Implementation of this Test Report Format is informative with regard to the implementation of R 49-1 and R 49-2 in national regulations; however, its implementation is required within the framework of the OIML Certificate System for Measuring Instruments [R 49-2 10.1].

Section I shows the required format of a type evaluation report for a complete or combined water meter.

A type evaluation report for a separable calculator (including indicating device) or a measurement transducer (including flow or volume sensor) requires a similar format. However, some modifications to the tables may be required because a large number of variations in the design of these separable units is possible.

Some examples of tables for presenting the test results for separable units are shown in Section II for initial verifications. These tables can also be adapted for type evaluation reports.

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

Part 3: Test report format

1 Scope

This Part of ISO 4064/OIML R 49 specifies a test report format to be used in relation to the implementation of Parts 1 and 2 of ISO 4064/OIML R 49 for water meters for cold potable water and hot water.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the references document (including any amendments) applies.

ISO 4064-1/OIML R 49-1 *Water meters for cold potable water and hot water — Part 1: Specification of metrological and technical requirements*

ISO 4064-2/OIML R 49-2 *Water meters for cold potable water and hot water — Part 2: Specification of test methods*

3 Terms, definitions and symbols

For the purposes of this document, the terms and definitions given in ISO 4064-1/OIML R 49-1 shall apply.

Symbols are used in the tables as follows:

+	Pass
-	Fail
n/a	Not applicable
EUT	Equipment under test
H	Horizontal
MAP	Maximum admissible pressure
MAT	Maximum admissible temperature
mpe	Maximum permissible error
V	Vertical
H	Horizontal

ISO/DIS 4064-3

4 Type evaluation report**4.1 General**

For each examination and test the checklist shall be completed according to this example:

+	-	
X		Pass
	X	Fail
n/a	n/a	Not applicable

4.2 Information concerning the type**4.2.1 General**

Application number: _____

Applicant: _____

Authorized representative: _____

Address: _____

Testing laboratory: _____

Authorized representative: _____

Address: _____

4.2.2 Model submitted

New model: _____

Variant of approved model(s):

Approval number: _____

Variation of approved model: _____