SLOVENSKI STANDARD
SIST EN ISO 4373:2022

01-junij-2022

Nadomešča:
SIST EN ISO 4373:2009

Hidrometrija - Naprave za merjenje višine gladine vode (ISO 4373:2022)

Hydrometry - Water level measuring devices (ISO 4373:2022)

Hydrometrie - Geräte zur Wasserstandsmessung (ISO 4373:2022)

Hydrométrie - Appareils de mesure du niveau de l'eau (ISO 4373:2022)

Ta slovenski standard je istoveten z: **EN ISO 4373:2022**

ICS:

17.120.20 Pretok v odprtih kanalih Flow in open channels

SIST EN ISO 4373:2022 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 4373

April 2022

ICS 17.120.20

Supersedes EN ISO 4373:2008

English Version

Hydrometry - Water level measuring devices (ISO 4373:2022)

Hydrométrie - Appareils de mesure du niveau de l'eau (ISO 4373:2022)

Hydrometrie - Geräte zur Wasserstandsmessung (ISO 4373:2022)

This European Standard was approved by CEN on 13 March 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 4373:2022) has been prepared by Technical Committee ISO/TC 113 "Hydrometry" in collaboration with Technical Committee CEN/TC 318 “Hydrometry” the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

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

This document supersedes EN ISO 4373:2008.

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Endorsement notice

The text of ISO 4373:2022 has been approved by CEN as EN ISO 4373:2022 without any modification.

INTERNATIONAL STANDARD

ISO 4373

Fourth edition
2022-03

Hydrometry — Water level measuring devices

Hydrométrie — Appareils de mesure du niveau de l'eau

Reference number
ISO 4373:2022(E)

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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 113 *Hydrometry*, Subcommittee SC 5, *Instruments, equipment and data management*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 318, *Hydrometry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 4373:2008), which has been technically revised. The main changes are as follows:

— improvements in water level measuring devices have been incorporated;

— the use of mercury has been removed;

— the old Annex A has been divided into three new separate Annexes A, B and C;

— in the new Annex A, the electronic techniques that are currently more commonly used have been brought to the front in order to give them a greater emphasis.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Measuring the level of water surface is very important in hydrometry for the purpose of, among other things, determining flow rates. Information about water levels is also used in operational water management, including the design of dikes and storm surge warning services. Water level information also provides decision-making guidance to shipping activities.